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Record 1 of 227**Title:** Interconnectivity imaged in three dimensions: Nano-particulate silica-hydrogel structure revealed using electron tomography**Author(s):** Blomqvist, CH (Blomqvist, C. Hamngren); Geback, T (Geback, T.); Altskar, A (Altskar, A.); Hermansson, AM (Hermansson, A. -M.); Gustafsson, S (Gustafsson, S.); Loren, N (Loren, N.); Olsson, E (Olsson, E.)**Source:** MICRON **Volume:** 100 **Pages:** 91-105 **DOI:** 10.1016/j.micron.2017.04.012 **Published:** SEP 2017**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000404199600012**ISSN:** 0968-4328**Record 2 of 227****Title:** Metasurfaces and Colloidal Suspensions Composed of 3D Chiral Si Nanoresonators**Author(s):** Verre, R (Verre, Ruggero); Shao, L (Shao, Lei); Lank, NO (Lank, Nils Odebo); Karpinski, P (Karpinski, Pawel); Yankovich, AB (Yankovich, Andrew B.); Antosiewicz, TJ (Antosiewicz, Tomasz J.); Olsson, E (Olsson, Eva); Kall, M (Kall, Mikael)**Source:** ADVANCED MATERIALS **Volume:** 29 **Issue:** 29 **Article Number:** 1701352 **DOI:** 10.1002/adma.201701352 **Published:** AUG 4 2017**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000406677900031**ISSN:** 0935-9648**eISSN:** 1521-4095**Record 3 of 227****Title:** Fabrication and Characterization of Plasmonic Nanopores with Cavities in the Solid Support**Author(s):** Malekian, B (Malekian, Bita); Xiong, KL (Xiong, Kunli); Emilsson, G (Emilsson, Gustav); Andersson, J (Andersson, Jenny); Fager, C (Fager, Cecilia); Olsson, E (Olsson, Eva); Larsson-Langhammer, EM (Larsson-Langhammer, Elm M.); Dahlin, AB (Dahlin, Andreas B.)**Source:** SENSORS **Volume:** 17 **Issue:** 6 **Article Number:** 1444 **DOI:** 10.3390/s17061444 **Published:** JUN 2017**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000404553900260**ISSN:** 1424-8220**Record 4 of 227****Title:** Enhanced thermal stability of a polymer solar cell blend induced by electron beam irradiation in the transmission electron microscope**Author(s):** Backe, O (Backe, Olof); Lindqvist, C (Lindqvist, Camilla); Mendaza, ADD (Mendaza, Amaia Diaz de Zerio); Gustafsson, S (Gustafsson, Stefan); Wang, E (Wang, Ergang); Andersson, MR (Andersson, Mats R.); Muller, C (Muller, Christian); Kristiansen, PM (Kristiansen, Per Magnus); Olsson, E (Olsson, Eva)**Source:** ULTRAMICROSCOPY **Volume:** 176 **Special Issue:** SI **Pages:** 23-30 **DOI:** 10.1016/j.ultramic.2017.03.013 **Published:** MAY 2017**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000403992200005**ISSN:** 0304-3991**eISSN:** 1879-2723**Record 5 of 227****Title:** Multidimensional Hybridization of Dark Surface Plasmons**Author(s):** Yankovich, AB (Yankovich, Andrew B.); Verre, R (Verre, Ruggero); Olsen, E (Olsen, Erik); Persson, AEO (Persson, Anton E. O.); Trinh, V (Trinh, Viet); Dovner, G (Dovner, Gudrun); Kall, M (Kall, Mikael); Olsson, E (Olsson, Eva)**Source:** ACS NANO **Volume:** 11 **Issue:** 4 **Pages:** 4265-4274 **DOI:** 10.1021/acsnano.7b01318 **Published:** APR 2017**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000400233200088**ISSN:** 1936-0851**eISSN:** 1936-086X**Record 6 of 227****Title:** Size analysis of single-core magnetic nanoparticles**Author(s):** Ludwig, F (Ludwig, Frank); Balceris, C (Balceris, Christoph); Viereck, T (Viereck, Thilo); Posth, O (Posth, Oliver); Steinhoff, U (Steinhoff, Uwe); Gavilan, H (Gavilan, Helena); Costo, R (Costo, Rocio); Zeng, LJ (Zeng, Lunjie); Olsson, E (Olsson, Eva); Jonasson, C (Jonasson, Christian); Johansson, C (Johansson, Christer)**Source:** JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS **Volume:** 427 **Pages:** 19-24 **DOI:** 10.1016/j.jmmm.2016.11.113 **Published:** APR 1 2017**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:000397199400005**ISSN:** 0304-8853**eISSN:** 1873-4766**Record 7 of 227****Title:** Size and property bimodality in magnetic nanoparticle dispersions: single domain particles vs. strongly coupled nanoclusters**Author(s):** Wetterskog, E (Wetterskog, E.); Castro, A (Castro, A.); Zeng, L (Zeng, L.); Petronis, S (Petronis, S.); Heinke, D (Heinke, D.); Olsson, E (Olsson, E.); Nilsson, L (Nilsson, L.); Gehrke, N (Gehrke, N.); Svedlindh, P (Svedlindh, P.)**Source:** NANOSCALE **Volume:** 9 **Issue:** 12 **Pages:** 4227-4235 **DOI:** 10.1039/c7nr00023e **Published:** MAR 28 2017**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:000397966400022**ISSN:** 2040-3364**eISSN:** 2040-3372**Record 8 of 227****Title:** Localized resistance measurements of wrinkled reduced graphene oxide using in-situ transmission electron microscopy

Author(s): Nilsson, HM (Nilsson, Hanna M.); de Knoop, L (de Knoop, Ludvig); Cumings, J (Cumings, John); Olsson, E (Olsson, Eva)
Source: CARBON **Volume:** 113 **Pages:** 340-345 **DOI:** 10.1016/j.carbon.2016.10.086 **Published:** MAR 2017
Times Cited in Web of Science Core Collection: 0
Total Times Cited: 0
Accession Number: WOS:000392686600040
ISSN: 0008-6223
eISSN: 1873-3891

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Title: Enhanced thermal stability of a polymer solar cell blend induced by electron beam irradiation in the transmission electron microscope
Author(s): Backe, O (Backe, Olof); Lindqvist, C (Lindqvist, Camilla); Mendaza, ADD (Mendaza, Amaia Diaz de Zerio); Gustafsson, S (Gustafsson, Stefan); Wang, EG (Wang, Ergang); Andersson, MR (Andersson, Mats R.); Muller, C (Mueller, Christian); Kristiansen, PM (Kristiansen, Per Magnus); Olsson, E (Olsson, Eva)
Source: ULTRAMICROSCOPY **Volume:** 173 **Pages:** 16-23 **DOI:** 10.1016/j.ultramic.2016.11.017 **Published:** FEB 2017
Times Cited in Web of Science Core Collection: 0
Total Times Cited: 0
Accession Number: WOS:000394078000005
ISSN: 0304-3991
eISSN: 1879-2723

Record 10 of 227

Title: A fullerene alloy based photovoltaic blend with a glass transition temperature above 200 degrees C
Author(s): Mendaza, ADD (Mendaza, Amaia Diaz de Zerio); Melianas, A (Melianas, Armantas); Nugroho, FAA (Nugroho, Ferry A. A.); Backe, O (Backe, Olof); Olsson, E (Olsson, Eva); Langhammer, C (Langhammer, Christoph); Inganas, O (Inganas, Olle); Muller, C (Mueller, Christian)
Source: JOURNAL OF MATERIALS CHEMISTRY A **Volume:** 5 **Issue:** 8 **Pages:** 4156-4162 **DOI:** 10.1039/c6ta08106a **Published:** 2017
Times Cited in Web of Science Core Collection: 0
Total Times Cited: 0
Accession Number: WOS:000395309800044
ISSN: 2050-7488
eISSN: 2050-7496

Record 11 of 227

Title: Ag-catalyzed InAs nanowires grown on transferable graphite flakes
Author(s): Meyer-Holdt, J (Meyer-Holdt, Jakob); Kanne, T (Kanne, Thomas); Sestoft, JE (Sestoft, Joachim E.); Gejl, A (Gejl, Aske); Zeng, LJ (Zeng, Lunjie); Johnson, E (Johnson, Erik); Olsson, E (Olsson, Eva); Nygard, J (Nygard, Jesper); Krogstrup, P (Krogstrup, Peter)
Source: NANOTECHNOLOGY **Volume:** 27 **Issue:** 36 **Article Number:** 365603 **DOI:** 10.1088/0957-4484/27/36/365603 **Published:** SEP 9 2016
Times Cited in Web of Science Core Collection: 1
Total Times Cited: 1
Accession Number: WOS:000384064400021
ISSN: 0957-4484
eISSN: 1361-6528

Record 12 of 227

Title: Pt Nanoparticle Sintering and Redispersion on a Heterogeneous Nanostructured Support
Author(s): Adibi, PTZ (Adibi, Pooya Tabib Zadeh); Pingel, T (Pingel, Torben); Olsson, E (Olsson, Eva); Gronbeck, H (Gronbeck, Henrik); Langhammer, C (Langhammer, Christoph)
Source: JOURNAL OF PHYSICAL CHEMISTRY C **Volume:** 120 **Issue:** 27 **Pages:** 14918-14925 **DOI:** 10.1021/acs.jpcc.6b03874 **Published:** JUL 14 2016
Times Cited in Web of Science Core Collection: 1
Total Times Cited: 1
Accession Number: WOS:000379990400051
ISSN: 1932-7447

Record 13 of 227

Title: Correlation between Al grain size, grain boundary grooves and local variations in oxide barrier thickness of Al/AlO_x/Al tunnel junctions by transmission electron microscopy
Author(s): Nik, S (Nik, Samira); Krantz, P (Krantz, Philip); Zeng, LJ (Zeng, Lunjie); Greibe, T (Greibe, Tine); Petterson, H (Petterson, Henrik); Gustafsson, S (Gustafsson, Stefan); Delsing, P (Delsing, Per); Olsson, E (Olsson, Eva)
Source: SPRINGERPLUS **Volume:** 5 **Article Number:** 1067 **DOI:** 10.1186/s40064-016-2418-8 **Published:** JUL 13 2016
Times Cited in Web of Science Core Collection: 0
Total Times Cited: 0
Accession Number: WOS:000381633300001
ISSN: 2193-1801

Record 14 of 227

Title: Atomic structure and oxygen deficiency of the ultrathin aluminium oxide barrier in Al/AlO_x/Al Josephson junctions
Author(s): Zeng, LJ (Zeng, Lunjie); Tran, DT (Dung Trung Tran); Tai, CW (Tai, Cheuk-Wai); Svensson, G (Svensson, Gunnar); Olsson, E (Olsson, Eva)
Source: SCIENTIFIC REPORTS **Volume:** 6 **Article Number:** 29679 **DOI:** 10.1038/srep29679 **Published:** JUL 12 2016
Times Cited in Web of Science Core Collection: 0
Total Times Cited: 0
Accession Number: WOS:000379389600001
ISSN: 2045-2322

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Title: Multiscale conformal pattern transfer
Author(s): Lodewijks, K (Lodewijks, Kristof); Miljkovic, V (Miljkovic, Vladimir); Massiot, I (Massiot, Ines); Mekonnen, A (Mekonnen, Addis); Verre, R (Verre, Ruggero); Olsson, E (Olsson, Eva); Dmitriev, A (Dmitriev, Alexandre)
Source: SCIENTIFIC REPORTS **Volume:** 6 **Article Number:** 28490 **DOI:** 10.1038/srep28490 **Published:** JUN 22 2016
Times Cited in Web of Science Core Collection: 0
Total Times Cited: 0
Accession Number: WOS:000379997400001
ISSN: 2045-2322

Record 16 of 227**Title:** Plasmonic Nanospectroscopy of Platinum Catalyst Nanoparticle Sintering in a Mesoporous Alumina Support**Author(s):** Adibi, PTZ (Adibi, Pooya Tabib Zadeh); Pingel, T (Pingel, Torben); Olsson, E (Olsson, Eva); Gronbeck, H (Gronbeck, Henrik); Langhammer, C (Langhammer, Christoph)**Source:** ACS NANO **Volume:** 10 **Issue:** 5 **Pages:** 5063-5069 **DOI:** 10.1021/acs.nano.5b07861 **Published:** MAY 2016**Times Cited in Web of Science Core Collection:** 3**Total Times Cited:** 3**Accession Number:** WOS:000376825100018**ISSN:** 1936-0851**eISSN:** 1936-086X**Record 17 of 227****Title:** From static micrographs to particle aggregation dynamics in three dimensions**Author(s):** Habel, H (Habel, H.); Sarkka, A (Sarkka, A.); Rudemo, M (Rudemo, M.); Blomqvist, CH (Blomqvist, C. Hamngren); Olsson, E (Olsson, E.); Abrahamsson, C (Abrahamsson, C.); Nordin, M (Nordin, M.)**Source:** JOURNAL OF MICROSCOPY **Volume:** 262 **Issue:** 1 **Pages:** 102-111 **DOI:** 10.1111/jmi.12349 **Published:** APR 2016**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:000372994800011**ISSN:** 0022-2720**eISSN:** 1365-2818**Record 18 of 227****Title:** Accelerated deactivation studies of the natural-gas oxidation catalyst-Verifying the role of sulfur and elevated temperature in catalyst aging**Author(s):** Honkanen, M (Honkanen, Mari); Karkkainen, M (Karkkainen, Marja); Kolli, T (Kolli, Tanja); Heikkinen, O (Heikkinen, Olli); Viitanen, V (Viitanen, Ville); Zeng, LJ (Zeng, Lunjie); Jiang, H (Jiang, Hua); Kallinen, K (Kallinen, Kauko); Huuhtanen, M (Huuhtanen, Mika); Keiski, RL (Keiski, Riitta L.); Lahtinen, J (Lahtinen, Jouko); Olsson, E (Olsson, Eva); Vippola, M (Vippola, Minnamari)**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 182 **Pages:** 439-448 **DOI:** 10.1016/j.apcatb.2015.09.054 **Published:** MAR 2016**Times Cited in Web of Science Core Collection:** 3**Total Times Cited:** 3**Accession Number:** WOS:000365050700047**ISSN:** 0926-3373**eISSN:** 1873-3883**Record 19 of 227****Title:** High-Entropy Mixtures of Pristine Fullerenes for Solution-Processed Transistors and Solar Cells**Author(s):** Mendaza, ADD (Mendaza, Amaia Diaz de Zerio); Melianas, A (Melianas, Armantas); Rossbauer, S (Rossbauer, Stephan); Backe, O (Backe, Olof); Nordstierna, L (Nordstierna, Lars); Erhart, P (Erhart, Paul); Olsson, E (Olsson, Eva); Anthopoulos, TD (Anthopoulos, Thomas D.); Inganas, O (Inganas, Olle); Muller, C (Muller, Christian)**Source:** ADVANCED MATERIALS **Volume:** 27 **Issue:** 45 **Pages:** 7325-+ **DOI:** 10.1002/adma.201503530 **Published:** DEC 2 2015**Times Cited in Web of Science Core Collection:** 11**Total Times Cited:** 11**Accession Number:** WOS:000367833200008**ISSN:** 0935-9648**eISSN:** 1521-4095**Record 20 of 227****Title:** Pore size effects on convective flow and diffusion through nanoporous silica gels**Author(s):** Blomqvist, CH (Blomqvist, Charlotte Hamngren); Abrahamsson, C (Abrahamsson, Christoffer); Geback, T (Geback, Tobias); Altskar, A (Altskar, Annika); Hermansson, AM (Hermansson, Anne-Marie); Nyden, M (Nyden, Magnus); Gustafsson, S (Gustafsson, Stefan); Loren, N (Loren, Niklas); Olsson, E (Olsson, Eva)**Source:** COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS **Volume:** 484 **Pages:** 288-296 **DOI:** 10.1016/j.colsurfa.2015.07.032 **Published:** NOV 5 2015**Times Cited in Web of Science Core Collection:** 4**Total Times Cited:** 4**Accession Number:** WOS:000362130100033**ISSN:** 0927-7757**eISSN:** 1873-4359**Record 21 of 227****Title:** Revealing local variations in nanoparticle size distributions in supported catalysts: a generic TEM specimen preparation method**Author(s):** Pingel, T (Pingel, Torben); Skoglundh, M (Skoglundh, Magnus); Gronbeck, H (Gronbeck, Henrik); Olsson, E (Olsson, Eva)**Source:** JOURNAL OF MICROSCOPY **Volume:** 260 **Issue:** 2 **Pages:** 125-132 **DOI:** 10.1111/jmi.12274 **Published:** NOV 2015**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:000363525400002**ISSN:** 0022-2720**eISSN:** 1365-2818**Record 22 of 227****Title:** Reversible metal-insulator transition of Ar-irradiated LaAlO₃/SrTiO₃ interfaces**Author(s):** Aurino, PP (Aurino, P. P.); Kalabukhov, A (Kalabukhov, A.); Tuzla, N (Tuzla, N.); Olsson, E (Olsson, E.); Klein, A (Klein, A.); Erhart, P (Erhart, P.); Boikov, YA (Boikov, Y. A.); Serenkov, IT (Serenkov, I. T.); Sakharov, VI (Sakharov, V. I.); Claeson, T (Claeson, T.); Winkler, D (Winkler, D.)**Source:** PHYSICAL REVIEW B **Volume:** 92 **Issue:** 15 **Article Number:** 155130 **DOI:** 10.1103/PhysRevB.92.155130 **Published:** OCT 19 2015**Times Cited in Web of Science Core Collection:** 3**Total Times Cited:** 4**Accession Number:** WOS:000363013300001**ISSN:** 2469-9950**eISSN:** 2469-9969**Record 23 of 227****Title:** Direct observation of the thickness distribution of ultra thin AlO_x barriers in Al/AlO_x/Al Josephson junctions

Author(s): Zeng, LJ (Zeng, L. J.); Nik, S (Nik, S.); Greibe, T (Greibe, T.); Krantz, P (Krantz, P.); Wilson, CM (Wilson, C. M.); Delsing, P (Delsing, P.); Olsson, E (Olsson, E.)

Source: JOURNAL OF PHYSICS D-APPLIED PHYSICS **Volume:** 48 **Issue:** 39 **Article Number:** 395308 **DOI:** 10.1088/0022-3727/48/39/395308 **Published:** OCT 7 2015

Times Cited in Web of Science Core Collection: 7

Total Times Cited: 7

Accession Number: WOS:000361965600018

ISSN: 0022-3727

eISSN: 1361-6463

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Title: Grain size dependence of dynamic mechanical behavior of AZ31B magnesium alloy sheet under compressive shock loading

Author(s): Asgari, H (Asgari, H.); Odeshi, AG (Odeshi, A. G.); Szpunar, JA (Szpunar, J. A.); Zeng, LJ (Zeng, L. J.); Olsson, E (Olsson, E.)

Source: MATERIALS CHARACTERIZATION **Volume:** 106 **Pages:** 359-367 **DOI:** 10.1016/j.matchar.2015.06.030 **Published:** AUG 2015

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 4

Accession Number: WOS:000360417200042

ISSN: 1044-5803

eISSN: 1873-4189

Record 25 of 227

Title: Effect of grain size on high strain rate deformation of rolled Mg-4Y-3RE alloy in compression

Author(s): Asgari, H (Asgari, H.); Szpunar, JA (Szpunar, J. A.); Odeshi, AG (Odeshi, A. G.); Zeng, LJ (Zeng, L. J.); Olsson, E (Olsson, E.)

Source: MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING **Volume:** 633 **Pages:** 92-102 **DOI:** 10.1016/j.msea.2015.03.020 **Published:** MAY 1 2015

Times Cited in Web of Science Core Collection: 6

Total Times Cited: 6

Accession Number: WOS:000353845200013

ISSN: 0921-5093

eISSN: 1873-4936

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Title: The atomic details of the interfacial interaction between the bottom electrode of Al/AlO_x/Al Josephson junctions and HF-treated Si substrates

Author(s): Zeng, LJ (Zeng, L. J.); Krantz, P (Krantz, P.); Nik, S (Nik, S.); Delsing, P (Delsing, P.); Olsson, E (Olsson, E.)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 117 **Issue:** 16 **Article Number:** 163915 **DOI:** 10.1063/1.4919224 **Published:** APR 28 2015

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:000353831100028

ISSN: 0021-8979

eISSN: 1089-7550

Record 27 of 227

Title: Effective particle magnetic moment of multi-core particles

Author(s): Ahrentorp, F (Ahrentorp, Fredrik); Astalan, A (Astalan, Andrea); Blomgren, J (Blomgren, Jakob); Jonasson, C (Jonasson, Christian); Wetterskog, E (Wetterskog, Erik); Svedlindh, P (Svedlindh, Peter); Lak, A (Lak, Aidin); Ludwig, F (Ludwig, Frank); Van IJzendoorn, LJ (Van IJzendoorn, Leo J.); Westphal, F (Westphal, Fritz); Gruettner, C (Gruettner, Cordula); Gehrke, N (Gehrke, Nicole); Gustafsson, S (Gustafsson, Stefan); Olsson, E (Olsson, Eva); Johansson, C (Johansson, Christer)

Source: JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS **Volume:** 380 **Pages:** 221-226 **DOI:** 10.1016/j.jmmm.2014.09.070 **Published:** APR 15 2015

Times Cited in Web of Science Core Collection: 11

Total Times Cited: 11

Accession Number: WOS:000349360800038

Conference Title: 10th International Conference on the Scientific and Clinical Applications of Magnetic Carriers

Conference Date: JUN 10-14, 2014

Conference Location: Dresden, GERMANY

ISSN: 0304-8853

eISSN: 1873-4766

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Title: D-A(1)-D-A(2) Copolymers with Extended Donor Segments for Efficient Polymer Solar Cells

Author(s): Tao, Q (Tao, Qiang); Xia, YX (Xia, Yuxin); Xu, XF (Xu, Xiaofeng); Hedstrom, S (Hedstrom, Svante); Backe, O (Backe, Olof); James, DI (James, David I.); Persson, P (Persson, Petter); Olsson, E (Olsson, Eva); Inganas, O (Inganas, Olle); Hou, LT (Hou, Lintao); Zhu, WG (Zhu, Weiguang); Wang, EG (Wang, Ergang)

Source: MACROMOLECULES **Volume:** 48 **Issue:** 4 **Pages:** 1009-1016 **DOI:** 10.1021/ma502186g **Published:** FEB 24 2015

Times Cited in Web of Science Core Collection: 43

Total Times Cited: 43

Accession Number: WOS:000350193900015

ISSN: 0024-9297

eISSN: 1520-5835

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Title: Effect of yttrium on the twinning and plastic deformation of AE magnesium alloy under ballistic impact

Author(s): Asgari, H (Asgari, H.); Odeshi, AG (Odeshi, A. G.); Szpunar, JA (Szpunar, J. A.); Zeng, L (Zeng, L. J.); Olsson, E (Olsson, E.); Li, DY (Li, D. Y.)

Source: MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING **Volume:** 623 **Pages:** 10-21 **DOI:** 10.1016/j.msea.2014.11.025 **Published:** JAN 19 2015

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 6

Accession Number: WOS:000349063100003

ISSN: 0921-5093

eISSN: 1873-4936

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Title: Being two is better than one-catalytic reductions with dendrimer encapsulated copper- and copper-cobalt-subnanoparticles

Author(s): Ficker, M (Ficker, Mario); Petersen, JF (Petersen, Johannes F.); Gschneidner, T (Gschneidner, Tina); Rasmussen, AL (Rasmussen, Ann-Louise); Purdy, T (Purdy, Trevor); Hansen, JS (Hansen, Jon S.); Hansen, TH (Hansen, Thomas H.); Husted, S (Husted, Soren); Moth-Poulsen, K (Moth-Poulsen, Kasper); Olsson, E (Olsson, Eva); Christensen, JB (Christensen, Jørn B.)

Source: CHEMICAL COMMUNICATIONS **Volume:** 51 **Issue:** 49 **Pages:** 9957-9960 **DOI:** 10.1039/c5cc00347d **Published:** 2015

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:000355985200009

ISSN: 1359-7345

eISSN: 1364-548X

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Title: Pyrrolo[3,4-g]quinoxaline-6,8-dione-based conjugated copolymers for bulk heterojunction solar cells with high photovoltages

Author(s): Xu, XF (Xu, Xiaofeng); Wang, CF (Wang, Chuanfei); Backe, O (Backe, Olof); James, DI (James, David I.); Bini, K (Bini, Kim); Olsson, E (Olsson, Eva); Andersson, MR (Andersson, Mats R.); Fahlman, M (Fahlman, Mats); Wang, EG (Wang, Ergang)

Source: POLYMER CHEMISTRY **Volume:** 6 **Issue:** 25 **Pages:** 4624-4633 **DOI:** 10.1039/c5py00394f **Published:** 2015

Times Cited in Web of Science Core Collection: 11

Total Times Cited: 11

Accession Number: WOS:000356298900009

ISSN: 1759-9954

eISSN: 1759-9962

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Title: Mapping fullerene crystallization in a photovoltaic blend: an electron tomography study

Author(s): Backe, O (Backe, Olof); Lindqvist, C (Lindqvist, Camilla); Mendaza, ADD (Mendaza, Amaia Diaz de Zerio); Gustafsson, S (Gustafsson, Stefan); Wang, EG (Wang, Ergang); Andersson, MR (Andersson, Mats R.); Muller, C (Muller, Christian); Olsson, E (Olsson, Eva)

Source: NANOSCALE **Volume:** 7 **Issue:** 18 **Pages:** 8451-8456 **DOI:** 10.1039/c5nr00443h **Published:** 2015

Times Cited in Web of Science Core Collection: 6

Total Times Cited: 6

Accession Number: WOS:000354044600028

ISSN: 2040-3364

eISSN: 2040-3372

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Title: Experimental and simulation analysis of texture formation and deformation mechanism of rolled AZ31B magnesium alloy under dynamic loading

Author(s): Asgari, H (Asgari, H.); Szpunar, JA (Szpunar, J. A.); Odeshi, AG (Odeshi, A. G.); Zeng, LJ (Zeng, L. J.); Olsson, E (Olsson, E.)

Source: MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING **Volume:** 618 **Pages:** 310-322 **DOI:** 10.1016/j.msea.2014.09.043 **Published:** NOV 17 2014

Times Cited in Web of Science Core Collection: 10

Total Times Cited: 10

Accession Number: WOS:000344439500038

ISSN: 0921-5093

eISSN: 1873-4936

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Title: Magnetic, Structural, and Particle Size Analysis of Single- and Multi-Core Magnetic Nanoparticles

Author(s): Ludwig, F (Ludwig, Frank); Kazakova, O (Kazakova, Olga); Barquin, LF (Fernandez Barquin, Luis); Fornara, A (Fornara, Andrea); Trahms, L (Trahms, Lutz); Steinhoff, U (Steinhoff, Uwe); Svedlindh, P (Svedlindh, Peter); Wetterskog, E (Wetterskog, Erik); Pankhurst, QA (Pankhurst, Quentin A.); Southern, P (Southern, Paul); Morales, P (Morales, Puerto); Hansen, MF (Hansen, Mikkel Fougt); Frandsen, C (Frandsen, Cathrine); Olsson, E (Olsson, Eva); Gustafsson, S (Gustafsson, Stefan); Gehrke, N (Gehrke, Nicole); Ludtke-Buzug, K (Luedtke-Buzug, Kerstin); Gruttner, C (Gruttner, Cordula); Jonasson, C (Jonasson, Christian); Johansson, C (Johansson, Christer)

Source: IEEE TRANSACTIONS ON MAGNETICS **Volume:** 50 **Issue:** 11 **Article Number:** 5300204 **DOI:** 10.1109/TMAG.2014.2321456 **Published:** NOV 2014

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 4

Accession Number: WOS:000349465900333

Conference Title: IEEE International Magnetism Conference (Intermag)

Conference Date: MAY 04-08, 2014

Conference Location: Dresden, GERMANY

ISSN: 0018-9464

eISSN: 1941-0069

Record 35 of 227

Title: A New Tetracyclic Lactam Building Block for Thick, Broad-Bandgap Photovoltaics

Author(s): Kroon, R (Kroon, Renee); Mendaza, ADD (Mendaza, Amaia Diaz de Zerio); Himmelberger, S (Himmelberger, Scott); Bergqvist, J (Bergqvist, Jonas); Backe, O (Backe, Olof); Faria, GC (Faria, Gregorio Couto); Gao, F (Gao, Feng); Obaid, A (Obaid, Abdulmalik); Zhuang, WL (Zhuang, Wenliu); Gedefaw, D (Gedefaw, Desta); Olsson, E (Olsson, Eva); Inganas, O (Inganas, Olle); Salteo, A (Salleo, Alberto); Muller, C (Muller, Christian); Andersson, MR (Andersson, Mats R.)

Source: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY **Volume:** 136 **Issue:** 33 **Pages:** 11578-11581 **DOI:** 10.1021/ja505169z **Published:** AUG 20 2014

Times Cited in Web of Science Core Collection: 43

Total Times Cited: 44

Accession Number: WOS:000340737900005

ISSN: 0002-7863

Record 36 of 227

Title: Intermethod comparison of the particle size distributions of colloidal silica nanoparticles

Author(s): Tuoriniemi, J (Tuoriniemi, Jani); Johnsson, ACJH (Johnsson, Ann-Cathrin J. H.); Holmberg, JP (Holmberg, Jenny Perez); Gustafsson, S (Gustafsson, Stefan); Gallego-Urrea, JA (Gallego-Urrea, Julian A.); Olsson, E (Olsson, Eva); Pettersson, JBC (Pettersson, Jan B. C.); Hasselov, M (Hasselov, Martin)

Source: SCIENCE AND TECHNOLOGY OF ADVANCED MATERIALS **Volume:** 15 **Issue:** 3 **Article Number:** 035009 **DOI:** 10.1088/1468-6996/15/3/035009 **Published:** JUN 2014

Times Cited in Web of Science Core Collection: 13

Total Times Cited: 13

Accession Number: WOS:000339380700017

ISSN: 1468-6996

Record 37 of 227

Title: Fullerene Nucleating Agents: A Route Towards Thermally Stable Photovoltaic Blends

Author(s): Lindqvist, C (Lindqvist, Camilla); Bergqvist, J (Bergqvist, Jonas); Feng, CC (Feng, Ching-Chiao); Gustafsson, S (Gustafsson, Stefan); Backe, O (Backe, Olof); Treat, ND (Treat, Neil D.); Bounioux, C (Bounioux, Celine); Henriksson, P (Henriksson, Patrik); Kroon, R (Kroon, Renee); Wang, EG (Wang, Ergang); Sanz-Velasco, A (Sanz-Velasco, Anke); Kristiansen, PM (Kristiansen, Per Magnus); Stingelin, N (Stingelin, Natalie); Olsson, E (Olsson, Eva); Inganas, O (Inganas, Olle); Andersson, MR (Andersson, Mats R.); Muller, C (Muller, Christian)

Source: ADVANCED ENERGY MATERIALS **Volume:** 4 **Issue:** 9 **Article Number:** 1301437 **DOI:** 10.1002/aenm.201301437 **Published:** JUN 2014

Times Cited in Web of Science Core Collection: 34

Total Times Cited: 34

Accession Number: WOS:000338022300005

ISSN: 1614-6832

eISSN: 1614-6840

Record 38 of 227

Title: Thermodynamics of hydride formation and decomposition in supported sub-10 nm Pd nanoparticles of different sizes

Author(s): Wadell, C (Wadell, Carl); Pingel, T (Pingel, Torben); Olsson, E (Olsson, Eva); Zoric, I (Zoric, Igor); Zhdanov, VP (Zhdanov, Vladimir P.); Langhammer, C (Langhammer, Christoph)

Source: CHEMICAL PHYSICS LETTERS **Volume:** 603 **Pages:** 75-81 **DOI:** 10.1016/j.cplett.2014.04.036 **Published:** MAY 30 2014

Times Cited in Web of Science Core Collection: 14

Total Times Cited: 14

Accession Number: WOS:000336485400016

ISSN: 0009-2614

eISSN: 1873-4448

Record 39 of 227

Title: Fullerene mixtures enhance the thermal stability of a non-crystalline polymer solar cell blend

Author(s): Lindqvist, C (Lindqvist, Camilla); Bergqvist, J (Bergqvist, Jonas); Backe, O (Backe, Olof); Gustafsson, S (Gustafsson, Stefan); Wang, E (Wang, Ergang); Olsson, E (Olsson, Eva); Inganas, O (Inganas, Olle); Andersson, MR (Andersson, Mats R.); Muller, C (Muller, Christian)

Source: APPLIED PHYSICS LETTERS **Volume:** 104 **Issue:** 15 **Article Number:** 153301 **DOI:** 10.1063/1.4870997 **Published:** APR 14 2014

Times Cited in Web of Science Core Collection: 30

Total Times Cited: 30

Accession Number: WOS:000335145200064

ISSN: 0003-6951

eISSN: 1077-3118

Record 40 of 227

Title: Novel Method for Visualizing Water Transport Through Phase-Separated Polymer Films

Author(s): Jansson, A (Jansson, Anna); Boissier, C (Boissier, Catherine); Marucci, M (Marucci, Mariagrazia); Nicholas, M (Nicholas, Mark); Gustafsson, S (Gustafsson, Stefan); Hermansson, AM (Hermansson, Anne-Marie); Olsson, E (Olsson, Eva)

Source: MICROSCOPY AND MICROANALYSIS **Volume:** 20 **Issue:** 2 **Pages:** 394-406 **DOI:** 10.1017/S143192761400021X **Published:** APR 2014

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:000337304700008

ISSN: 1431-9276

eISSN: 1435-8115

Record 41 of 227

Title: Effect of growth conditions on microstructure of BiFeO₃-0.33BaTiO₃ films and performance of bulk acoustic wave resonators

Author(s): Vorobiev, A (Vorobiev, A.); Loffler, M (Loffler, M.); Olsson, E (Olsson, E.); Gevorgian, S (Gevorgian, S.)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 115 **Issue:** 8 **Article Number:** 084105 **DOI:** 10.1063/1.4866420 **Published:** FEB 28 2014

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000332619600062

ISSN: 0021-8979

eISSN: 1089-7550

Record 42 of 227

Title: Monitoring the osmotic response of single yeast cells through force measurement in the environmental scanning electron microscope

Author(s): Jansson, A (Jansson, Anna); Nafari, A (Nafari, Alexandra); Hedfalk, K (Hedfalk, Kristina); Olsson, E (Olsson, Eva); Svensson, K (Svensson, Krister); Sanz-Velasco, A (Sanz-Velasco, Anke)

Source: MEASUREMENT SCIENCE AND TECHNOLOGY **Volume:** 25 **Issue:** 2 **Article Number:** 025901 **DOI:** 10.1088/0957-0233/25/2/025901 **Published:** FEB 2014

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000332697800030

ISSN: 0957-0233

eISSN: 1361-6501

Record 43 of 227

Title: Estimation of mass thickness response of embedded aggregated silica nanospheres from high angle annular dark-field scanning transmission electron micrographs

Author(s): Nordin, M (Nordin, M.); Abrahamsson, C (Abrahamsson, C.); Hamngren Blomqvist, C (Hamngren Blomqvist, C.); Habel, H (Habel, H.); Roding, M (Roding, M.); Olsson, E (Olsson, E.); Nyden, M (Nyden, M.); Rudemo, M (Rudemo, M.)

Source: JOURNAL OF MICROSCOPY **Volume:** 253 **Issue:** 2 **Pages:** 166-170 **DOI:** 10.1111/jmi.12107 **Published:** FEB 2014

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000330792600007

ISSN: 0022-2720

eISSN: 1365-2818

Record 44 of 227

Title: Effects of side chain isomerism on the physical and photovoltaic properties of indacenodithieno[3,2-b] thiophene-quinoxaline copolymers: toward a side chain design for enhanced photovoltaic performance

Author(s): Xu, XF (Xu, Xiaofeng); Li, ZJ (Li, Zhaojun); Backe, O (Backe, Olof); Bini, K (Bini, Kim); James, DI (James, David I.); Olsson, E (Olsson, Eva); Andersson, MR (Andersson, Mats R.); Wang, EG (Wang, Ergang)

Source: JOURNAL OF MATERIALS CHEMISTRY A **Volume:** 2 **Issue:** 44 **Pages:** 18988-18997 **DOI:** 10.1039/c4ta04102j **Published:** 2014

Times Cited in Web of Science Core Collection: 12

Total Times Cited: 12

Accession Number: WOS:000344382800036

ISSN: 2050-7488

eISSN: 2050-7496

Record 45 of 227

Title: In situ characterisation of physicochemical state and concentration of nanoparticles in soil ecotoxicity studies using environmental scanning electron microscopy

Author(s): Tuoriniemi, J (Tuoriniemi, Jani); Gustafsson, S (Gustafsson, Stefan); Olsson, E (Olsson, Eva); Hasselov, M (Hasselov, Martin)

Source: ENVIRONMENTAL CHEMISTRY **Volume:** 11 **Issue:** 4 **Pages:** 367-376 **DOI:** 10.1071/EN13182 **Published:** 2014

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000341380400003

ISSN: 1448-2517

eISSN: 1449-8979

Record 46 of 227

Title: Neat C-60:C-70 buckminsterfullerene mixtures enhance polymer solar cell performance

Author(s): Mendaza, ADD (Mendaza, Amaia Diaz de Zerio); Bergqvist, J (Bergqvist, Jonas); Backe, O (Backe, Olof); Lindqvist, C (Lindqvist, Camilla); Kroon, R (Kroon, Renee); Gao, F (Gao, Feng); Andersson, MR (Andersson, Mats R.); Olsson, E (Olsson, Eva); Inganas, O (Inganas, Olle); Muller, C (Muller, Christian)

Source: JOURNAL OF MATERIALS CHEMISTRY A **Volume:** 2 **Issue:** 35 **Pages:** 14354-14359 **DOI:** 10.1039/c4ta02515f **Published:** 2014

Times Cited in Web of Science Core Collection: 12

Total Times Cited: 12

Accession Number: WOS:000340768000008

ISSN: 2050-7488

eISSN: 2050-7496

Record 47 of 227

Title: Sub-glass transition annealing enhances polymer solar cell performance

Author(s): Bergqvist, J (Bergqvist, Jonas); Lindqvist, C (Lindqvist, Camilla); Backe, O (Backe, Olof); Ma, ZF (Ma, Zhaifei); Tang, Z (Tang, Zheng); Tress, W (Tress, Wolfgang); Gustafsson, S (Gustafsson, Stefan); Wang, EG (Wang, Ergang); Olsson, E (Olsson, Eva); Andersson, MR (Andersson, Mats R.); Inganas, O (Inganas, Olle); Muller, C (Muller, Christian)

Source: JOURNAL OF MATERIALS CHEMISTRY A **Volume:** 2 **Issue:** 17 **Pages:** 6146-6152 **DOI:** 10.1039/c3ta14165a **Published:** 2014

Times Cited in Web of Science Core Collection: 18

Total Times Cited: 18

Accession Number: WOS:000333580700024

ISSN: 2050-7488

eISSN: 2050-7496

Record 48 of 227

Title: Chemistry of binder phase grain boundary in WC-Co based cemented carbide

Author(s): Weidow, J (Weidow, Jonathan); Olsson, E (Olsson, Eva); Andren, HO (Andren, Hans-Olof)

Source: INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS **Volume:** 41 **Pages:** 366-369 **DOI:** 10.1016/j.ijrmhm.2013.05.011 **Published:** NOV 2013

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:000325840700056

ISSN: 0263-4368

Record 49 of 227

Title: One-pot synthesis of porous gold nanoparticles by preparation of Ag/Au nanoparticles followed by dealloying

Author(s): Cheng, J (Cheng, Jing); Bordes, R (Bordes, Romain); Olsson, E (Olsson, Eva); Holmberg, K (Holmberg, Krister)

Source: COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS **Volume:** 436 **Pages:** 823-829 **DOI:** 10.1016/j.colsurfa.2013.08.023 **Published:** SEP 5 2013

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:000326416900101

ISSN: 0927-7757

eISSN: 1873-4359

Record 50 of 227

Title: Nano-patterning of the electron gas at the LaAlO₃/SrTiO₃ interface using low-energy ion beam irradiation

Author(s): Aurino, PP (Aurino, Pier Paolo); Kalabukhov, A (Kalabukhov, Alexey); Tuzla, N (Tuzla, Nikolina); Olsson, E (Olsson, Eva); Claeson, T (Claeson, Tord); Winkler, D (Winkler, Dag)

Source: APPLIED PHYSICS LETTERS **Volume:** 102 **Issue:** 20 **Article Number:** 201610 **DOI:** 10.1063/1.4807785 **Published:** MAY 20 2013

Times Cited in Web of Science Core Collection: 17

Total Times Cited: 18

Accession Number: WOS:000320619300031

ISSN: 0003-6951

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Record 51 of 227**Title:** Anisotropic two-dimensional electron gas at the LaAlO₃/SrTiO₃ (110) interface**Author(s):** Annadi, A (Annadi, A.); Zhang, Q (Zhang, Q.); Wang, XR (Wang, X. Renshaw); Tuzla, N (Tuzla, N.); Gopinadhan, K (Gopinadhan, K.); Lu, WM (Lu, W. M.); Barman, AR (Barman, A. Roy); Liu, ZQ (Liu, Z. Q.); Srivastava, A (Srivastava, A.); Saha, S (Saha, S.); Zhao, YL (Zhao, Y. L.); Zeng, SW (Zeng, S. W.); Dhar, S (Dhar, S.); Olsson, E (Olsson, E.); Gu, B (Gu, B.); Yunoki, S (Yunoki, S.); Maekawa, S (Maekawa, S.); Hilgenkamp, H (Hilgenkamp, H.); Venkatesan, T (Venkatesan, T.); Ariando (Ariando)**Source:** NATURE COMMUNICATIONS **Volume:** 4 **Article Number:** 1838 **DOI:** 10.1038/ncomms2804 **Published:** MAY 2013**Times Cited in Web of Science Core Collection:** 55**Total Times Cited:** 55**Accession Number:** WOS:000320589900034**ISSN:** 2041-1723**Record 52 of 227****Title:** Methane Oxidation Over Pd Supported on Ceria-Alumina Under Rich/Lean Cycling Conditions**Author(s):** Fouladvand, S (Fouladvand, Sheedeh); Schernich, S (Schernich, Stefan); Libuda, J (Libuda, Joerg); Gronbeck, H (Gronbeck, Henrik); Pingel, T (Pingel, Torben); Olsson, E (Olsson, Eva); Skoglundh, M (Skoglundh, Magnus); Carlsson, PA (Carlsson, Per-Anders)**Source:** TOPICS IN CATALYSIS **Volume:** 56 **Issue:** 1-8 **Pages:** 410-415 **DOI:** 10.1007/s11244-013-9988-2 **Published:** MAY 2013**Times Cited in Web of Science Core Collection:** 5**Total Times Cited:** 5**Accession Number:** WOS:000318213800071**Conference Title:** 9th International Congress on Catalysis and Automotive Pollution Control (CAPOC)**Conference Date:** AUG 29-31, 2012**Conference Location:** Brussels, BELGIUM**ISSN:** 1022-5528**Record 53 of 227****Title:** Nanoscale interaction layer at the interface between Al films and SiO₂ substrates of Al/AIO_x/Al Josephson tunnel junctions**Author(s):** Zeng, LJ (Zeng, L. J.); Greibe, T (Greibe, T.); Nik, S (Nik, S.); Wilson, CM (Wilson, C. M.); Delsing, P (Delsing, P.); Olsson, E (Olsson, E.)**Source:** JOURNAL OF APPLIED PHYSICS **Volume:** 113 **Issue:** 14 **Article Number:** 143905 **DOI:** 10.1063/1.4801798 **Published:** APR 14 2013**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Accession Number:** WOS:000318250600051**ISSN:** 0021-8979**Record 54 of 227****Title:** Novel Method for Controlled Wetting of Materials in the Environmental Scanning Electron Microscope**Author(s):** Jansson, A (Jansson, Anna); Nafari, A (Nafari, Alexandra); Sanz-Velasco, A (Sanz-Velasco, Anke); Svensson, K (Svensson, Krister); Gustafsson, S (Gustafsson, Stefan); Hermansson, AM (Hermansson, Anne-Marie); Olsson, E (Olsson, Eva)**Source:** MICROSCOPY AND MICROANALYSIS **Volume:** 19 **Issue:** 1 **Pages:** 30-37 **DOI:** 10.1017/S1431927612013815 **Published:** FEB 2013**Times Cited in Web of Science Core Collection:** 5**Total Times Cited:** 5**Accession Number:** WOS:000314426400004**ISSN:** 1431-9276**Record 55 of 227****Title:** A Method for Producing Site-Specific TEM Specimens from Low Contrast Materials with Nanometer Precision**Author(s):** Pettersson, H (Pettersson, Henrik); Nik, S (Nik, Samira); Weidow, J (Weidow, Jonathan); Olsson, E (Olsson, Eva)**Source:** MICROSCOPY AND MICROANALYSIS **Volume:** 19 **Issue:** 1 **Pages:** 73-78 **DOI:** 10.1017/S1431927612013311 **Published:** FEB 2013**Times Cited in Web of Science Core Collection:** 5**Total Times Cited:** 5**Accession Number:** WOS:000314426400008**ISSN:** 1431-9276**Record 56 of 227****Title:** The effect gas composition during thermal aging on the dispersion and NO oxidation activity over Pt/Al₂O₃ catalysts**Author(s):** Auvray, X (Auvray, Xavier); Pingel, T (Pingel, Torben); Olsson, E (Olsson, Eva); Olsson, L (Olsson, Louise)**Source:** APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 129 **Pages:** 517-527 **DOI:** 10.1016/j.apcatb.2012.10.002 **Published:** JAN 17 2013**Times Cited in Web of Science Core Collection:** 23**Total Times Cited:** 23**Accession Number:** WOS:000312689500057**ISSN:** 0926-3373**Record 57 of 227****Title:** Frame assisted H₂O electrolysis induced H-2 bubbling transfer of large area graphene grown by chemical vapor deposition on Cu**Author(s):** de la Rosa, CJL (de la Rosa, Cesar J. Lockhart); Sun, J (Sun, Jie); Lindvall, N (Lindvall, Niclas); Cole, MT (Cole, Matthew T.); Nam, Y (Nam, Youngwoo); Loffler, M (Loffler, Markus); Olsson, E (Olsson, Eva); Teo, KBK (Teo, Kenneth B. K.); Yurgens, A (Yurgens, August)**Source:** APPLIED PHYSICS LETTERS **Volume:** 102 **Issue:** 2 **Article Number:** 022101 **DOI:** 10.1063/1.4775583 **Published:** JAN 14 2013**Times Cited in Web of Science Core Collection:** 42**Total Times Cited:** 42**Accession Number:** WOS:000313670200037**ISSN:** 0003-6951**Record 58 of 227****Title:** Nucleation-limited fullerene crystallisation in a polymer-fullerene bulk-heterojunction blend**Author(s):** Lindqvist, C (Lindqvist, Camilla); Sanz-Velasco, A (Sanz-Velasco, Anke); Wang, EG (Wang, Ergang); Backe, O (Backe, Olof); Gustafsson, S (Gustafsson, Stefan); Olsson, E (Olsson, Eva); Andersson, MR (Andersson, Mats R.); Muller, C (Muller, Christian)**Source:** JOURNAL OF MATERIALS CHEMISTRY A **Volume:** 1 **Issue:** 24 **Pages:** 7174-7180 **DOI:** 10.1039/c3ta11018d **Published:** 2013

Times Cited in Web of Science Core Collection: 25

Total Times Cited: 25

Accession Number: WOS:000319525900027

ISSN: 2050-7488

eISSN: 2050-7496

Record 59 of 227

Title: Mechanisms behind sulfur promoted oxidation of methane

Author(s): Bounechada, D (Bounechada, Djamel); Fouladvand, S (Fouladvand, Sheedeh); Kylhammar, L (Kylhammar, Lisa); Pingel, T (Pingel, Torben); Olsson, E (Olsson, Eva); Skoglundh, M (Skoglundh, Magnus); Gustafson, J (Gustafson, Johan); Di Michiel, M (Di Michiel, Marco); Newton, MA (Newton, Mark A.); Carlsson, PA (Carlsson, Per-Anders)

Source: PHYSICAL CHEMISTRY CHEMICAL PHYSICS **Volume:** 15 **Issue:** 22 **Pages:** 8648-8661 **DOI:** 10.1039/c3cp44289f **Published:** 2013

Times Cited in Web of Science Core Collection: 15

Total Times Cited: 15

Accession Number: WOS:000319006100021

ISSN: 1463-9076

eISSN: 1463-9084

Record 60 of 227

Title: On the performance of Ag/Al₂O₃ as a HC-SCR catalyst - influence of silver loading, morphology and nature of the reductant

Author(s): Kannisto, H (Kannisto, Hannes); Arve, K (Arve, Kalle); Pingel, T (Pingel, Torben); Hellman, A (Hellman, Anders); Harelind, H (Harelind, Hanna); Eranen, K (Eranen, Kari); Olsson, E (Olsson, Eva); Skoglundh, M (Skoglundh, Magnus); Murzin, DY (Murzin, Dmitry Yu.)

Source: CATALYSIS SCIENCE & TECHNOLOGY **Volume:** 3 **Issue:** 3 **Pages:** 644-653 **DOI:** 10.1039/c2cy20594g **Published:** 2013

Times Cited in Web of Science Core Collection: 23

Total Times Cited: 23

Accession Number: WOS:000314782000015

ISSN: 2044-4753

Record 61 of 227

Title: Intrinsically tunable 0.67BiFeO₃-0.33BaTiO₃ thin film bulk acoustic wave resonators

Author(s): Vorobiev, A (Vorobiev, A.); Gevorgian, S (Gevorgian, S.); Martirosyan, N (Martirosyan, N.); Loffler, M (Loffler, M.); Olsson, E (Olsson, E.)

Source: APPLIED PHYSICS LETTERS **Volume:** 101 **Issue:** 23 **Article Number:** 232903 **DOI:** 10.1063/1.4769346 **Published:** DEC 3 2012

Times Cited in Web of Science Core Collection: 14

Total Times Cited: 14

Accession Number: WOS:000312243900054

ISSN: 0003-6951

Record 62 of 227

Title: Inhomogeneous Microstructure and Electrical Transport Properties at the LaAlO₃/SrTiO₃ Interface

Author(s): Kalabukhov, A (Kalabukhov, Alexey); Claeson, T (Claeson, Tord); Aurino, PP (Aurino, Pier Paolo); Gunnarsson, R (Gunnarsson, Robert); Winkler, D (Winkler, Dag); Olsson, E (Olsson, Eva); Tuzla, N (Tuzla, Nikolina); Borjesson, J (Borjesson, Johan); Cao, Y (Cao, Yu); Nyborg, L (Nyborg, Lars); Boikov, YA (Boikov, Yuri A.); Serenkov, IT (Serenkov, Igor T.); Sakharov, VI (Sakharov, Vladimir I.); Volkov, MP (Volkov, Mikhail P.)

Source: JAPANESE JOURNAL OF APPLIED PHYSICS **Volume:** 51 **Issue:** 11 **Special Issue:** SI **Article Number:** 11PG10 **DOI:** 10.1143/JJAP.51.11PG10 **Part:** 2 **Published:** NOV 2012

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000312001400040

ISSN: 0021-4922

Record 63 of 227

Title: Quantitative Measurement of the Magnetic Moment of Individual Nanoparticles by Magnetic Force Microscopy

Author(s): Sievers, S (Sievers, Sibylle); Braun, KF (Braun, Kai-Felix); Eberbeck, D (Eberbeck, Dietmar); Gustafsson, S (Gustafsson, Stefan); Olsson, E (Olsson, Eva); Schumacher, HW (Schumacher, Hans Werner); Siegner, U (Siegner, Uwe)

Source: SMALL **Volume:** 8 **Issue:** 17 **Pages:** 2675-2679 **DOI:** 10.1002/sml.201200420 **Published:** SEP 10 2012

Times Cited in Web of Science Core Collection: 20

Total Times Cited: 20

Accession Number: WOS:000308303600010

ISSN: 1613-6810

Record 64 of 227

Title: Direct Chemical Vapor Deposition of Large-Area Carbon Thin Films on Gallium Nitride for Transparent Electrodes: A First Attempt

Author(s): Sun, J (Sun, Jie); Cole, MT (Cole, Matthew T.); Ahmad, SA (Ahmad, S. Awais); Backe, O (Backe, Olof); Ive, T (Ive, Tommy); Loffler, M (Loffler, Markus); Lindvall, N (Lindvall, Niclas); Olsson, E (Olsson, Eva); Teo, KBK (Teo, Kenneth B. K.); Liu, JH (Liu, Johan); Larsson, A (Larsson, Anders); Yurgens, A (Yurgens, August); Haglund, A (Haglund, Asa)

Source: IEEE TRANSACTIONS ON SEMICONDUCTOR MANUFACTURING **Volume:** 25 **Issue:** 3 **Pages:** 494-501 **DOI:** 10.1109/TSM.2012.2198676 **Published:** AUG 2012

Times Cited in Web of Science Core Collection: 9

Total Times Cited: 10

Accession Number: WOS:000314401300022

Conference Title: IEEE 23rd International Conference on Microelectronic Test Structures (ICMTS)

Conference Date: MAR 22-25, 2010

Conference Location: Hiroshima, JAPAN

ISSN: 0894-6507

Record 65 of 227

Title: Adhesion layer-bottom electrode interaction during BaxSr_{1-x}TiO₃ growth as a limiting factor for device performance

Author(s): Loffler, M (Loffler, Markus); Vorobiev, A (Vorobiev, Andrei); Zeng, LJ (Zeng, Lunjie); Gevorgian, S (Gevorgian, Spartak); Olsson, E (Olsson, Eva)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 111 **Issue:** 12 **Article Number:** 124514 **DOI:** 10.1063/1.4730781 **Published:** JUN 15 2012

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000305832100152

ISSN: 0021-8979

Record 66 of 227

Title: Effect of workpiece sulphur content on the degradation of a PCBN tool material

Author(s): Angseryd, J (Angseryd, J.); Olsson, E (Olsson, E.); Andren, HO (Andren, H. -O)

Source: INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS **Volume:** 29 **Issue:** 6 **Pages:** 674-680 **DOI:** 10.1016/j.ijrmhm.2011.04.016 **Published:** NOV 2011

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000294522300005

ISSN: 0263-4368

Record 67 of 227

Title: Variations in the electrical resistivity of La_{0.67}Ca_{0.33}MnO₃ films and induced interconversions of ferromagnetic and nonferromagnetic inclusions in their bulk

Author(s): Boikov, YA (Boikov, Yu. A.); Lil'enfors, T (Lil'enfors, T.); Olsson, E (Olsson, E.); Klaeson, T (Klaeson, T.); Danilov, VA (Danilov, V. A.)

Source: PHYSICS OF THE SOLID STATE **Volume:** 53 **Issue:** 10 **Pages:** 2168-2173 **DOI:** 10.1134/S1063783411100088 **Published:** OCT 2011

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:000295697500032

ISSN: 1063-7834

Record 68 of 227

Title: Correlations between microstructure and Q-factor of tunable thin film bulk acoustic wave resonators

Author(s): Vorobiev, A (Vorobiev, A.); Gevorgian, S (Gevorgian, S.); Loffler, M (Loffler, M.); Olsson, E (Olsson, E.)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 110 **Issue:** 5 **Article Number:** 054102 **DOI:** 10.1063/1.3626939 **Published:** SEP 1 2011

Times Cited in Web of Science Core Collection: 12

Total Times Cited: 12

Accession Number: WOS:000294968600103

ISSN: 0021-8979

Record 69 of 227

Title: Fabrication of poly- and single-crystalline platinum nanostructures using hole-mask colloidal lithography, electrodeposition and annealing

Author(s): Wickman, B (Wickman, Bjorn); Fredriksson, H (Fredriksson, Hans); Gustafsson, S (Gustafsson, Stefan); Olsson, E (Olsson, Eva); Kasemo, B (Kasemo, Bengt)

Source: NANOTECHNOLOGY **Volume:** 22 **Issue:** 34 **Article Number:** 345302 **DOI:** 10.1088/0957-4484/22/34/345302 **Published:** AUG 26 2011

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 4

Accession Number: WOS:000294715800004

ISSN: 0957-4484

Record 70 of 227

Title: Characterization of the effluent from a nanosilver producing washing machine

Author(s): Farkas, J (Farkas, Julia); Peter, H (Peter, Hannes); Christian, P (Christian, Paul); Urrea, JAG (Urrea, Julian Alberto Gallego); Hasselov, M (Hasselov, Martin); Tuoriniemi, J (Tuoriniemi, Jani); Gustafsson, S (Gustafsson, Stefan); Olsson, E (Olsson, Eva); Hylland, K (Hylland, Ketil); Thomas, KV (Thomas, Kevin Victor)

Source: ENVIRONMENT INTERNATIONAL **Volume:** 37 **Issue:** 6 **Special Issue:** SI **Pages:** 1057-1062 **DOI:** 10.1016/j.envint.2011.03.006 **Published:** AUG 2011

Times Cited in Web of Science Core Collection: 132

Total Times Cited: 134

Accession Number: WOS:000292802600004

ISSN: 0160-4120

Record 71 of 227

Title: Effect of interface roughness on acoustic loss in tunable thin film bulk acoustic wave resonators

Author(s): Vorobiev, A (Vorobiev, A.); Berge, J (Berge, J.); Gevorgian, S (Gevorgian, S.); Loffler, M (Loffler, M.); Olsson, E (Olsson, E.)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 110 **Issue:** 2 **Article Number:** 024116 **DOI:** 10.1063/1.3610513 **Published:** JUL 15 2011

Times Cited in Web of Science Core Collection: 10

Total Times Cited: 10

Accession Number: WOS:000293476300082

ISSN: 0021-8979

Record 72 of 227

Title: Electron backscattering diffraction and X-ray diffraction studies of interface relationships in Sr₃Ru₂O₇/SrRuO₄ eutectic crystals

Author(s): Ciancio, R (Ciancio, R.); Pettersson, H (Pettersson, H.); Fittipaldi, R (Fittipaldi, R.); Kalabukhov, A (Kalabukhov, A.); Orgiani, P (Orgiani, P.); Vecchione, A (Vecchione, A.); Maeno, Y (Maeno, Y.); Pace, S (Pace, S.); Olsson, E (Olsson, E.)

Source: MICRON **Volume:** 42 **Issue:** 4 **Special Issue:** SI **Pages:** 324-329 **DOI:** 10.1016/j.micron.2010.03.012 **Published:** JUN 2011

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:000288928300005

ISSN: 0968-4328

Record 73 of 227

Title: Improved cationic stoichiometry and insulating behavior at the interface of LaAlO₃/SrTiO₃ formed at high oxygen pressure during pulsed-laser deposition

Author(s): Kalabukhov, A (Kalabukhov, A.); Boikov, YA (Boikov, Yu. A.); Serenkov, IT (Serenkov, I. T.); Sakharov, VI (Sakharov, V. I.); Borjesson, J (Borjesson, J.); Ljustina, N (Ljustina, N.); Olsson, E (Olsson, E.); Winkler, D (Winkler, D.); Claeson, T (Claeson, T.)

Source: EPL **Volume:** 93 **Issue:** 3 **Article Number:** 37001 **DOI:** 10.1209/0295-5075/93/37001 **Published:** FEB 2011

Times Cited in Web of Science Core Collection: 32

Total Times Cited: 32

Accession Number: WOS:000287518600015

ISSN: 0295-5075

Record 74 of 227

Title: Soft Nanostructuring of YBCO Josephson Junctions by Phase Separation

Author(s): Gustafsson, D (Gustafsson, D.); Pettersson, H (Pettersson, H.); Iandolo, B (Iandolo, B.); Olsson, E (Olsson, E.); Bauch, T (Bauch, T.); Lombardi, F (Lombardi, F.)

Source: NANO LETTERS **Volume:** 10 **Issue:** 12 **Pages:** 4824-4829 **DOI:** 10.1021/nl103311a **Published:** DEC 2010

Times Cited in Web of Science Core Collection: 11

Total Times Cited: 11

Accession Number: WOS:000284990900009

ISSN: 1530-6984

Record 75 of 227

Title: Fabrication of nanoscale electrostatic lenses

Author(s): Sinno, I (Sinno, I.); Sanz-Velasco, A (Sanz-Velasco, A.); Kang, S (Kang, S.); Jansen, H (Jansen, H.); Olsson, E (Olsson, E.); Enoksson, P (Enoksson, P.); Svensson, K (Svensson, K.)

Source: JOURNAL OF MICROMECHANICS AND MICROENGINEERING **Volume:** 20 **Issue:** 9 **Article Number:** 095031 **DOI:** 10.1088/0960-1317/20/9/095031 **Published:** SEP 2010

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:000281398800031

ISSN: 0960-1317

Record 76 of 227

Title: Hexagonal Close-Packed Structure of Au Nanocatalysts Solidified after Ge Nanowire Vapor-Liquid-Solid Growth

Author(s): Marshall, AF (Marshall, Ann F.); Goldthorpe, IA (Goldthorpe, Irene A.); Adhikari, H (Adhikari, Hemant); Koto, M (Koto, Makoto); Wang, YC (Wang, Young-Chung); Fu, LF (Fu, Lianfeng); Olsson, E (Olsson, Eva); McIntyre, PC (McIntyre, Paul C.)

Source: NANO LETTERS **Volume:** 10 **Issue:** 9 **Pages:** 3302-3306 **DOI:** 10.1021/nl100913d **Published:** SEP 2010

Times Cited in Web of Science Core Collection: 13

Total Times Cited: 14

Accession Number: WOS:000281498200014

ISSN: 1530-6984

eISSN: 1530-6992

Record 77 of 227

Title: Evolution of Structural and Magnetic Properties of Magnetite Nanoparticles for Biomedical Applications

Author(s): Gustafsson, S (Gustafsson, Stefan); Fornara, A (Fornara, Andrea); Petersson, K (Petersson, Karolina); Johansson, C (Johansson, Christer); Muhammed, M (Muhammed, Mamoun); Olsson, E (Olsson, Eva)

Source: CRYSTAL GROWTH & DESIGN **Volume:** 10 **Issue:** 5 **Pages:** 2278-2284 **DOI:** 10.1021/cg901602w **Published:** MAY 2010

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Total Times Cited: 16

Accession Number: WOS:000277273900040

ISSN: 1528-7483

Record 78 of 227

Title: Biepitaxial YBa₂Cu₃O_{7-x} 0- π Josephson junctions

Author(s): Cedergren, K (Cedergren, K.); Bauch, T (Bauch, T.); Petterson, H (Petterson, H.); Kirtley, JR (Kirtley, J. R.); Olsson, E (Olsson, E.); Lombardi, F (Lombardi, F.)

Source: SUPERCONDUCTOR SCIENCE & TECHNOLOGY **Volume:** 23 **Issue:** 3 **Article Number:** 034027 **DOI:** 10.1088/0953-2048/23/3/034027 **Published:** MAR 2010

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:000274800500028

Conference Title: 9th European Conference on Applied Superconductivity (EUCAS)

Conference Date: SEP 13-17, 2009

Conference Location: Dresden, GERMANY

ISSN: 0953-2048

Record 79 of 227

Title: Effect of calcium neutralization on elastic and swelling properties of crosslinked poly(acrylic acid) - correlation to inhomogeneities and phase behaviour

Author(s): Larsson, M (Larsson, Mikael); Gustafsson, S (Gustafsson, Stefan); Olsson, E (Olsson, Eva); Larsson, A (Larsson, Anette)

Source: E-POLYMERS **Article Number:** 141 **Published:** DEC 26 2009

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000273087100001

ISSN: 1618-7229

Record 80 of 227

Title: High critical temperature superconductor Josephson junctions for quantum circuit applications

Author(s): Bauch, T (Bauch, T.); Gustafsson, D (Gustafsson, D.); Cedergren, K (Cedergren, K.); Nawaz, S (Nawaz, S.); Virk, MM (Virk, M. Mumtaz); Petterson, H (Petterson, H.); Olsson, E (Olsson, E.); Lombardi, F (Lombardi, F.)

Source: PHYSICA SCRIPTA **Volume:** T137 **Article Number:** 014006 **DOI:** 10.1088/0031-8949/2009/T137/014006 **Published:** DEC 2009

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000272834700007

Conference Title: 141st Nobel Symposium on Qubits for Future Quantum Information

Conference Date: MAY 25-28, 2009

Conference Location: Gothenburg, SWEDEN

ISSN: 0031-8949

Record 81 of 227

Title: The effect of carbon content on the microstructure of hydrogen-free physical vapour deposited titanium carbide films

Author(s): Coronel, E (Coronel, E.); Wiklund, U (Wiklund, U.); Olsson, E (Olsson, E.)

Source: THIN SOLID FILMS **Volume:** 518 **Issue:** 1 **Pages:** 71-76 **DOI:** 10.1016/j.tsf.2009.06.031 **Published:** NOV 2 2009

Times Cited in Web of Science Core Collection: 5

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Accession Number: WOS:000270628800013

ISSN: 0040-6090

Record 82 of 227

Title: Atomic structure of functional interfaces in Sr₂RuO₄/Sr₃Ru₂O₇ eutectic crystals

Author(s): Ciancio, R (Ciancio, R.); Pettersson, H (Pettersson, H.); Borjesson, J (Borjesson, J.); Lopatin, S (Lopatin, S.); Fittipaldi, R (Fittipaldi, R.); Vecchione, A (Vecchione, A.); Kittaka, S (Kittaka, S.); Maeno, Y (Maeno, Y.); Pace, S (Pace, S.); Olsson, E (Olsson, E.)

Source: APPLIED PHYSICS LETTERS **Volume:** 95 **Issue:** 14 **Article Number:** 142507 **DOI:** 10.1063/1.3243691 **Published:** OCT 5 2009

Times Cited in Web of Science Core Collection: 7

Total Times Cited: 7

Accession Number: WOS:000270670200046

ISSN: 0003-6951

Record 83 of 227

Title: Cationic Disorder and Phase Segregation in LaAlO₃/SrTiO₃ Heterointerfaces Evidenced by Medium-Energy Ion Spectroscopy

Author(s): Kalabukhov, AS (Kalabukhov, A. S.); Boikov, YA (Boikov, Yu. A.); Serenkov, IT (Serenkov, I. T.); Sakharov, VI (Sakharov, V. I.); Popok, VN (Popok, V. N.); Gunnarsson, R (Gunnarsson, R.); Borjesson, J (Borjesson, J.); Ljustina, N (Ljustina, N.); Olsson, E (Olsson, E.); Winkler, D (Winkler, D.); Claeson, T (Claeson, T.)

Source: PHYSICAL REVIEW LETTERS **Volume:** 103 **Issue:** 14 **Article Number:** 146101 **DOI:** 10.1103/PhysRevLett.103.146101 **Published:** OCT 2 2009

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Total Times Cited: 78

Accession Number: WOS:000270458800035

ISSN: 0031-9007

Record 84 of 227

Title: Effective magnetic moment of magnetic multicore nanoparticles

Author(s): Schaller, V (Schaller, Vincent); Wahnstrom, G (Wahnstrom, Goran); Sanz-Velasco, A (Sanz-Velasco, Anke); Gustafsson, S (Gustafsson, Stefan); Olsson, E (Olsson, Eva); Enoksson, P (Enoksson, Peter); Johansson, C (Johansson, Christer)

Source: PHYSICAL REVIEW B **Volume:** 80 **Issue:** 9 **Article Number:** 092406 **DOI:** 10.1103/PhysRevB.80.092406 **Published:** SEP 2009

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Total Times Cited: 21

Accession Number: WOS:000270383000011

ISSN: 1098-0121

Record 85 of 227

Title: Toward intrinsic functionalities of bilayered ruthenate Sr₃Ru₂O₇

Author(s): Ciancio, R (Ciancio, R.); Borjesson, J (Borjesson, J.); Pettersson, H (Pettersson, H.); Fittipaldi, R (Fittipaldi, R.); Zola, D (Zola, D.); Vecchione, A (Vecchione, A.); Polichetti, M (Polichetti, M.); Kittaka, S (Kittaka, S.); Maeno, Y (Maeno, Y.); Pace, S (Pace, S.); Olsson, E (Olsson, E.)

Source: PHYSICAL REVIEW B **Volume:** 80 **Issue:** 5 **Article Number:** 054110 **DOI:** 10.1103/PhysRevB.80.054110 **Published:** AUG 2009

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Accession Number: WOS:000269638500031

ISSN: 1098-0121

Record 86 of 227

Title: In situ TEM characterization of the effect of interfaces on charge transport in Cu(In,Ga)Se-2 thin film solar cells

Author(s): Ostberg, G (Ostberg, Gustaf); Yucelen, E (Yucelen, Emrah); Svensson, K (Svensson, Krister); Olsson, E (Olsson, Eva)

Source: MICROSCOPY AND MICROANALYSIS **Volume:** 15 **Pages:** 712-713 **DOI:** 10.1017/S1431927609097980 **Supplement:** 2 **Published:** JUL 2009

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Accession Number: WOS:000208119100353

ISSN: 1431-9276

Record 87 of 227

Title: The microstructure of the affected zone of a worn PCBN cutting tool characterised with SEM and TEM

Author(s): Angseryd, J (Angseryd, J.); Coronel, E (Coronel, E.); Elfving, M (Elfving, M.); Olsson, E (Olsson, E.); Andren, HO (Andren, H. -O.)

Source: WEAR **Volume:** 267 **Issue:** 5-8 **Special Issue:** SI **Pages:** 1031-1040 **DOI:** 10.1016/j.wear.2008.12.075 **Part:** 2 **Published:** JUN 15 2009

Times Cited in Web of Science Core Collection: 14

Total Times Cited: 14

Accession Number: WOS:000267580700045

Conference Title: 17th International Conference on Wear of Materials

Conference Date: APR 19-23, 2009

Conference Location: Las Vegas, NV

ISSN: 0043-1648

eISSN: 1873-2577

Record 88 of 227

Title: Detailed microstructure of a cBN based cutting tool material

Author(s): Angseryd, J (Angseryd, J.); Elfving, M (Elfving, M.); Olsson, E (Olsson, E.); Andren, HO (Andren, H. -O.)

Source: INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS **Volume:** 27 **Issue:** 2 **Pages:** 249-255 **DOI:** 10.1016/j.ijrmhm.2008.09.008 **Published:** MAR 2009

Times Cited in Web of Science Core Collection: 22

Total Times Cited: 24

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Conference Title: 9th International Conference on the Science of Hard Materials (ICSHM9)

Conference Date: MAR 10-14, 2008

Conference Location: Montego Bay, JAMAICA

ISSN: 0263-4368

Record 89 of 227

Title: Tailored Magnetic Nanoparticles for Direct and Sensitive Detection of Biomolecules in Biological Samples

Author(s): Fornara, A (Fornara, Andrea); Johansson, P (Johansson, Petter); Petersson, K (Petersson, Karolina); Gustafsson, S (Gustafsson, Stefan); Qin, J (Qin, Jian); Olsson, E (Olsson, Eva); Ilver, D (Ilver, Dag); Krozer, A (Krozer, Anatol); Muhammed, M (Muhammed, Mamoun); Johansson, C (Johansson, Christer)

Source: NANO LETTERS **Volume:** 8 **Issue:** 10 **Pages:** 3423-3428 **DOI:** 10.1021/nl8022498 **Published:** OCT 2008

Times Cited in Web of Science Core Collection: 66

Total Times Cited: 67

Accession Number: WOS:000259906800064

ISSN: 1530-6984

Record 90 of 227

Title: Plasmon Hybridization in Stacked Double Gold Nanorings with Reduced Symmetry

Author(s): Larsson, EM (Larsson, Elin M.); Hao, F (Hao, Feng); Eurenus, L (Eurenus, Lisa); Olsson, E (Olsson, Eva); Nordlander, P (Nordlander, Peter); Sutherland, DS (Sutherland, Duncan S.)

Source: SMALL **Volume:** 4 **Issue:** 10 **Pages:** 1630-1634 **DOI:** 10.1002/sml.200800497 **Published:** OCT 2008

Times Cited in Web of Science Core Collection: 13

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Title: Grating formation by metal-nanoparticle-mediated coupling of light into waveguided modes

Author(s): Eurenus, L (Eurenus, L.); Haeggglund, C (Haeggglund, C.); Olsson, E (Olsson, E.); Kasemo, B (Kasemo, B.); Chakarov, D (Chakarov, D.)

Source: NATURE PHOTONICS **Volume:** 2 **Issue:** 6 **Pages:** 360-364 **DOI:** 10.1038/nphoton.2008.80 **Published:** JUN 2008

Times Cited in Web of Science Core Collection: 29

Total Times Cited: 34

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ISSN: 1749-4885

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Title: Superconductivity in Sr₂RuO₄-Sr₃Ru₂O₇ eutectic crystals

Author(s): Fittipaldi, R (Fittipaldi, R.); Vecchione, A (Vecchione, A.); Ciancio, R (Ciancio, R.); Pace, S (Pace, S.); Cuoco, M (Cuoco, M.); Stornaiuolo, D (Stornaiuolo, D.); Born, D (Born, D.); Tafuri, F (Tafuri, F.); Olsson, E (Olsson, E.); Kittaka, S (Kittaka, S.); Yaguchi, H (Yaguchi, H.); Maeno, Y (Maeno, Y.)

Source: EPL **Volume:** 83 **Issue:** 2 **Article Number:** 27007 **DOI:** 10.1209/0295-5075/83/27007 **Published:** 2008

Times Cited in Web of Science Core Collection: 23

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ISSN: 0295-5075

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Title: Optical antennas based on coupled nanoholes in thin metal films

Author(s): Alaverdyan, Y (Alaverdyan, Y.); Sepulveda, B (Sepulveda, B.); Eurenus, L (Eurenus, L.); Olsson, E (Olsson, E.); Kall, M (Kall, M.)

Source: NATURE PHYSICS **Volume:** 3 **Issue:** 12 **Pages:** 884-889 **DOI:** 10.1038/nphys785 **Published:** DEC 2007

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Accession Number: WOS:000251456900027

ISSN: 1745-2473

Record 94 of 227

Title: Nanometer-thick films of titanium oxide acting as electrolyte in the polymer electrolyte fuel cell

Author(s): Ekstrom, H (Ekstrom, Henrik); Wickman, B (Wickman, Bjoern); Gustavsson, M (Gustavsson, Marie); Hanarp, P (Hanarp, Per); Eurenus, L (Eurenus, Lisa); Olsson, E (Olsson, Eva); Lindbergh, G (Lindbergh, Goeran)

Source: ELECTROCHIMICA ACTA **Volume:** 52 **Issue:** 12 **Pages:** 4239-4245 **DOI:** 10.1016/j.electacta.2006.12.002 **Published:** MAR 10 2007

Times Cited in Web of Science Core Collection: 28

Total Times Cited: 28

Accession Number: WOS:000245365900043

ISSN: 0013-4686

Record 95 of 227

Title: Deactivation of diesel oxidation catalysts: Vehicle- and synthetic aging correlations

Author(s): Andersson, J (Andersson, Jonas); Antonsson, M (Antonsson, Matilda); Eurenus, L (Eurenus, Lisa); Olsson, E (Olsson, Eva); Skoglundh, M (Skoglundh, Magnus)

Source: APPLIED CATALYSIS B-ENVIRONMENTAL **Volume:** 72 **Issue:** 1-2 **Pages:** 71-81 **DOI:** 10.1016/j.apcatb.2006.10.011 **Published:** MAR 8 2007

Times Cited in Web of Science Core Collection: 43

Total Times Cited: 45

Accession Number: WOS:000244815700008

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Record 96 of 227

Title: Effect of oxygen vacancies in the SrTiO₃ substrate on the electrical properties of the LaAlO₃/SrTiO₃ interface

Author(s): Kalabukhov, A (Kalabukhov, Alexey); Gunnarsson, R (Gunnarsson, Robert); Borjesson, J (Borjesson, Johan); Olsson, E (Olsson, Eva); Claeson, T (Claeson, Tord); Winkler, D (Winkler, Dag)

Source: PHYSICAL REVIEW B **Volume:** 75 **Issue:** 12 **Article Number:** 121404 **DOI:** 10.1103/PhysRevB.75.121404 **Published:** MAR 2007

Times Cited in Web of Science Core Collection: 416

Total Times Cited: 416

Accession Number: WOS:000245330200014

ISSN: 1098-0121

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Title: Thin film Pt/TiO₂ catalysts for the polymer electrolyte fuel cell

Author(s): Gustavsson, M (Gustavsson, M.); Ekstrom, H (Ekstrom, H.); Hanarp, R (Hanarp, R.); Eurenus, L (Eurenus, L.); Lindbergh, G (Lindbergh, G.); Olsson, E (Olsson, E.); Kasemo, B (Kasemo, B.)

Source: JOURNAL OF POWER SOURCES **Volume:** 163 **Issue:** 2 **Pages:** 671-678 **DOI:** 10.1016/j.jpowsour.2006.10.005 **Published:** JAN 1 2007

Times Cited in Web of Science Core Collection: 84

Total Times Cited: 84

Accession Number: WOS:000243650800007

ISSN: 0378-7753

Record 98 of 227

Title: The effect of SiO₂, Pt, and Pt/Au templates on the microstructure and permittivity of BaSr_{1-x}TiO₃ films

Author(s): Rundqvist, P (Rundqvist, Par); Liljenfors, T (Liljenfors, Tomas); Vorobiev, A (Vorobiev, Andrei); Olsson, E (Olsson, Eva); Gevorgian, S (Gevorgian, Spartak)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 100 **Issue:** 11 **Article Number:** 114116 **DOI:** 10.1063/1.2372314 **Published:** DEC 1 2006

Times Cited in Web of Science Core Collection: 10

Total Times Cited: 10

Accession Number: WOS:000242887400129

ISSN: 0021-8979

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Title: Platinum dispersion measurements for Pt/BaO/Al₂O₃, NO_x storage catalysts

Author(s): Dawody, J (Dawody, J); Eurenus, L (Eurenus, L); Abdulhamid, H (Abdulhamid, H); Skoglundh, M (Skoglundh, M); Olsson, E (Olsson, E); Fridell, E (Fridell, E)

Source: APPLIED CATALYSIS A-GENERAL **Volume:** 296 **Issue:** 2 **Pages:** 157-168 **DOI:** 10.1016/j.apcata.2005.07.060 **Published:** DEC 12 2005

Times Cited in Web of Science Core Collection: 32

Total Times Cited: 33

Accession Number: WOS:000234076500003

ISSN: 0926-860X

Record 100 of 227

Title: Quantifying temperature-enhanced electron field emission from individual carbon nanotubes

Author(s): Sveningsson, M (Sveningsson, M); Hansen, K (Hansen, K); Svensson, K (Svensson, K); Olsson, E (Olsson, E); Campbell, EEB (Campbell, EEB)

Source: PHYSICAL REVIEW B **Volume:** 72 **Issue:** 8 **Article Number:** 085429 **DOI:** 10.1103/PhysRevB.72.085429 **Published:** AUG 2005

Times Cited in Web of Science Core Collection: 35

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Accession Number: WOS:000231564600156

ISSN: 1098-0121

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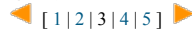
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 [1 | 2 | 3 | 4 | 5]**Record 101 of 227****Title:** Microstructure of sputter deposited tin doped indium oxide films with silver additive**Author(s):** Lu, J (Lu, J); Hultaker, A (Hultaker, A); Niklasson, GA (Niklasson, GA); Granqvist, CG (Granqvist, CG); Olsson, E (Olsson, E)**Source:** THIN SOLID FILMS **Volume:** 479 **Issue:** 1-2 **Pages:** 107-112 **DOI:** 10.1016/j.tsf.2004.11.209 **Published:** MAY 23 2005**Times Cited in Web of Science Core Collection:** 5**Total Times Cited:** 5**Accession Number:** WOS:000228372100016**ISSN:** 0040-6090**Record 102 of 227****Title:** Extraction and local probing of individual carbon nanotubes**Author(s):** de Knoop, L (de Knoop, L); Svensson, K (Svensson, K); Pettersson, H (Pettersson, H); Olsson, E (Olsson, E)**Edited by:** Kuzmany H; Fink J; Mehring M; Roth S**Source:** Electronic Properties of Novel Nanostructures **Book Series:** AIP CONFERENCE PROCEEDINGS **Volume:** 786 **Pages:** 118-123 **Published:** 2005**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:000233616400026**Conference Title:** 19th International Winterschool and Euroconference on Electronic Properties of Novel Materials**Conference Date:** MAR 12-19, 2005**Conference Location:** Kirchberg, AUSTRIA**ISSN:** 0094-243X**ISBN:** 0-7354-0275-2**Record 103 of 227****Title:** Nanopipettes for metal transport**Author(s):** Svensson, K (Svensson, K); Olin, H (Olin, H); Olsson, E (Olsson, E)**Source:** PHYSICAL REVIEW LETTERS **Volume:** 93 **Issue:** 14 **Article Number:** 145901 **DOI:** 10.1103/PhysRevLett.93.145901 **Published:** OCT 1 2004**Times Cited in Web of Science Core Collection:** 143**Total Times Cited:** 147**Accession Number:** WOS:000224211900043**ISSN:** 0031-9007**eISSN:** 1079-7114**Record 104 of 227****Title:** Bistable nanoelectromechanical devices**Author(s):** Ziegler, KJ (Ziegler, KJ); Lyons, DM (Lyons, DM); Holmes, JD (Holmes, JD); Erts, D (Erts, D); Polyakov, B (Polyakov, B); Olin, H (Olin, H); Svensson, K (Svensson, K); Olsson, E (Olsson, E)**Source:** APPLIED PHYSICS LETTERS **Volume:** 84 **Issue:** 20 **Pages:** 4074-4076 **DOI:** 10.1063/1.1751622 **Published:** MAY 17 2004**Times Cited in Web of Science Core Collection:** 56**Total Times Cited:** 57**Accession Number:** WOS:000221269800040**ISSN:** 0003-6951**Record 105 of 227****Title:** The microstructure of La_{0.67}Sr_{0.33}MnO₃ grain boundaries on SrTiO₃ bicrystal substrates**Author(s):** Liljenfors, T (Liljenfors, T); Gunnarsson, R (Gunnarsson, R); Ivanov, Z (Ivanov, Z); Olsson, E (Olsson, E)**Source:** ANNALEN DER PHYSIK **Volume:** 13 **Issue:** 1-2 **Pages:** 83-84 **DOI:** 10.1002/andp.200310057 **Published:** JAN-FEB 2004**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000188828900025**Conference Title:** 10th International Workshop on Oxide Electronics**Conference Date:** SEP 11-13, 2003**Conference Location:** AUGSBAURG, GERMANY**ISSN:** 0003-3804**Record 106 of 227****Title:** Fabrication and characterisation of La_{0.67}Sr_{0.33}MnO₃ submicron grain boundary junctions**Author(s):** Gunnarsson, R (Gunnarsson, R); Charlebois, S (Charlebois, S); Liljenfors, T (Liljenfors, T); Ivanov, Z (Ivanov, Z); Olsson, E (Olsson, E)**Source:** ANNALEN DER PHYSIK **Volume:** 13 **Issue:** 1-2 **Pages:** 101-102 **DOI:** 10.1002/andp.200310065 **Published:** JAN-FEB 2004**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000188828900033**Conference Title:** 10th International Workshop on Oxide Electronics**Conference Date:** SEP 11-13, 2003**Conference Location:** AUGSBURG, GERMANY**ISSN:** 0003-3804**Record 107 of 227****Title:** Dye-sensitized sputtered titanium oxide films for photovoltaic applications: influence of the O₂/Ar gas flow ratio during the deposition**Author(s):** Gomez, MM (Gomez, MM); Beermann, N (Beermann, N); Lu, J (Lu, J); Olsson, E (Olsson, E); Hagfeldt, A (Hagfeldt, A); Niklasson, GA (Niklasson, GA); Granqvist, CG (Granqvist, CG)**Source:** SOLAR ENERGY MATERIALS AND SOLAR CELLS **Volume:** 76 **Issue:** 1 **Pages:** 37-56 **Article Number:** PII S0927-0248(02)00215-5 **DOI:** 10.1016/S0927-0248(02)00215-5 **Published:** FEB 15 2003**Times Cited in Web of Science Core Collection:** 24**Total Times Cited:** 25**Accession Number:** WOS:000180616400005

ISSN: 0927-0248

Record 108 of 227

Title: Electron holography study of active interfaces in zinc oxide varistor materials

Author(s): Elfving, M (Elfving, M); Olsson, E (Olsson, E)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 92 **Issue:** 9 **Pages:** 5272-5280 **DOI:** 10.1063/1.1511270 **Published:** NOV 1 2002

Times Cited in Web of Science Core Collection: 11

Total Times Cited: 13

Accession Number: WOS:000178767200064

ISSN: 0021-8979

Record 109 of 227

Title: Conduction invasion noise in nanoparticle WO₃/Au thin-film devices for gas sensing application

Author(s): Hoel, A (Hoel, A); Ederth, J (Ederth, J); Kopniczky, J (Kopniczky, J); Heszler, P (Heszler, P); Kish, LB (Kish, LB); Olsson, E (Olsson, E); Granqvist, CG (Granqvist, CG)

Source: SMART MATERIALS & STRUCTURES **Volume:** 11 **Issue:** 5 **Pages:** 640-644 **Article Number:** PII S0964-1726(02)52475-7 **DOI:** 10.1088/0964-1726/11/5/303 **Published:** OCT 2002

Times Cited in Web of Science Core Collection: 30

Total Times Cited: 30

Accession Number: WOS:000179076600004

Conference Title: Symposium on BioMEMS and Smart Nanostructures

Conference Date: DEC 17-19, 2001

Conference Location: ADELAIDE, AUSTRALIA

ISSN: 0964-1726

Record 110 of 227

Title: Morphology and structure of CuO_x/CeO₂ nanocomposite catalysts produced by inert gas condensation: An HREM, EFTEM, XPS, and high-energy diffraction study

Author(s): Skarman, B (Skarman, B); Nakayama, T (Nakayama, T); Grandjean, D (Grandjean, D); Benfield, RE (Benfield, RE); Olsson, E (Olsson, E); Niihara, K (Niihara, K); Wallenberg, LR (Wallenberg, LR)

Source: CHEMISTRY OF MATERIALS **Volume:** 14 **Issue:** 9 **Pages:** 3686-3699 **DOI:** 10.1021/cm021101u **Published:** SEP 2002

Times Cited in Web of Science Core Collection: 61

Total Times Cited: 62

Accession Number: WOS:000178128900012

ISSN: 0897-4756

Record 111 of 227

Title: Current and voltage noise in WO₃ nanoparticle films

Author(s): Hoel, A (Hoel, A); Vandamme, LKJ (Vandamme, LKJ); Kish, LB (Kish, LB); Olsson, E (Olsson, E)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 91 **Issue:** 8 **Pages:** 5221-5226 **DOI:** 10.1063/1.1423398 **Published:** APR 15 2002

Times Cited in Web of Science Core Collection: 17

Total Times Cited: 17

Accession Number: WOS:000174666600069

ISSN: 0021-8979

Record 112 of 227

Title: Signatures of ballistic transport in the magnetoresistance of nanostructures made of single-crystalline refractory metals

Author(s): Mikhailov, GM (Mikhailov, GM); Malikov, IV (Malikov, IV); Chernykh, AV (Chernykh, AV); Fomin, LA (Fomin, LA); Joyez, P (Joyez, P); Pothier, H (Pothier, H); Esteve, D (Esteve, D); Olsson, E (Olsson, E)

Source: NANOTECHNOLOGY **Volume:** 13 **Issue:** 2 **Pages:** 226-230 **Article Number:** PII S0957-4484(02)30283-6 **DOI:** 10.1088/0957-4484/13/2/318 **Published:** APR 2002

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:000175498800020

ISSN: 0957-4484

Record 113 of 227

Title: Three-dimensional investigations of electrical barriers using electron beam induced current measurements

Author(s): Gaevski, M (Gaevski, M); Elfving, M (Elfving, M); Olsson, E (Olsson, E); Kvist, A (Kvist, A)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 91 **Issue:** 5 **Pages:** 2713-2724 **DOI:** 10.1063/1.1432124 **Published:** MAR 1 2002

Times Cited in Web of Science Core Collection: 8

Total Times Cited: 8

Accession Number: WOS:000174182400019

ISSN: 0021-8979

Record 114 of 227

Title: In situ electrical transport during isothermal annealing of nanocrystalline gold films

Author(s): Ederth, J (Ederth, J); Kish, LB (Kish, LB); Olsson, E (Olsson, E); Granqvist, CG (Granqvist, CG)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 91 **Issue:** 3 **Pages:** 1529-1535 **DOI:** 10.1063/1.1427399 **Published:** FEB 1 2002

Times Cited in Web of Science Core Collection: 11

Total Times Cited: 11

Accession Number: WOS:000173418500097

ISSN: 0021-8979

Record 115 of 227

Title: Solubility limit and precipitate formation in Al-doped 4H-SiC epitaxial material

Author(s): Linnarsson, MK (Linnarsson, MK); Janson, MS (Janson, MS); Zimmermann, U (Zimmermann, U); Svensson, BG (Svensson, BG); Persson, POA (Persson, POA); Hultman, L (Hultman, L); Wong-Leung, J (Wong-Leung, J); Karlsson, S (Karlsson, S); Schoner, A (Schoner, A); Bleichner, H (Bleichner, H); Olsson, E (Olsson, E)

Source: APPLIED PHYSICS LETTERS **Volume:** 79 **Issue:** 13 **Pages:** 2016-2018 **DOI:** 10.1063/1.1402160 **Published:** SEP 24 2001

Times Cited in Web of Science Core Collection: 37

Total Times Cited: 37

Accession Number: WOS:000171015200029

ISSN: 0003-6951

Record 116 of 227

Title: Effect of sulfurization on the microstructure of chalcopyrite thin-film absorbers

Author(s): Keranen, J (Keranen, J); Lu, J (Lu, J); Barnard, J (Barnard, J); Sterner, J (Sterner, J); Kessler, J (Kessler, J); Stolt, L (Stolt, L); Matthes, TW (Matthes, TW); Olsson, E (Olsson, E)

Source: THIN SOLID FILMS **Volume:** 387 **Issue:** 1-2 **Pages:** 80-82 **DOI:** 10.1016/S0040-6090(01)00789-1 **Published:** MAY 29 2001

Times Cited in Web of Science Core Collection: 11

Total Times Cited: 11

Accession Number: WOS:000168013900024

Conference Title: Symposium on Thin Film Chalcogenide Photovoltaic Materials held at MRS 2000 Spring Conference

Conference Date: MAY 30-JUN 02, 2000

Conference Location: STRASBOURG, FRANCE

ISSN: 0040-6090

Record 117 of 227

Title: Polaron absorption in tungsten oxide nanoparticle aggregates

Author(s): Niklasson, GA (Niklasson, GA); Klasson, J (Klasson, J); Olsson, E (Olsson, E)

Source: ELECTROCHIMICA ACTA **Volume:** 46 **Issue:** 13-14 **Pages:** 1967-1971 **DOI:** 10.1016/S0013-4686(01)00388-7 **Published:** APR 2 2001

Times Cited in Web of Science Core Collection: 27

Total Times Cited: 30

Accession Number: WOS:000168135400009

Conference Title: 4th International Meeting on Electrochromism (IME-4)

Conference Date: AUG 21-23, 2000

Conference Location: UPPSALA, SWEDEN

ISSN: 0013-4686

Record 118 of 227

Title: Invasion noise in nanoparticle WO₃/Au thin film devices

Author(s): Hoel, A (Hoel, A); Ederth, J (Ederth, J); Heszler, P (Heszler, P); Kish, LB (Kish, LB); Olsson, E (Olsson, E); Granqvist, CG (Granqvist, CG)

Edited by: Kish LB

Source: BIOMEMS AND SMART NANOSTRUCTURES **Book Series:** PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE) **Volume:** 4590 **Pages:** 229-235 **DOI:** 10.1117/12.454608 **Published:** 2001

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000175475300026

Conference Title: Symposium on BioMEMS and Smart Nanostructures

Conference Date: DEC 17-19, 2001

Conference Location: ADELAIDE, AUSTRALIA

ISSN: 0277-786X

ISBN: 0-8194-4320-4

Record 119 of 227

Title: Electrical properties of two-dimensional fullerene matrices

Author(s): Makarova, TL (Makarova, TL); Sundqvist, B (Sundqvist, B); Scharff, P (Scharff, P); Gaevski, ME (Gaevski, ME); Olsson, E (Olsson, E); Davydov, VA (Davydov, VA); Rakhmanina, AV (Rakhmanina, AV)

Source: CARBON **Volume:** 39 **Issue:** 14 **Pages:** 2203-2209 **DOI:** 10.1016/S0008-6223(01)00036-7 **Published:** 2001

Times Cited in Web of Science Core Collection: 23

Total Times Cited: 23

Accession Number: WOS:000171704100012

ISSN: 0008-6223

Record 120 of 227

Title: Bacteria as workers in the living factory: metal-accumulating bacteria and their potential for materials science

Author(s): Klaus-Joerger, T (Klaus-Joerger, T); Joerger, R (Joerger, R); Olsson, E (Olsson, E); Granqvist, CG (Granqvist, CG)

Source: TRENDS IN BIOTECHNOLOGY **Volume:** 19 **Issue:** 1 **Pages:** 15-20 **DOI:** 10.1016/S0167-7799(00)01514-6 **Published:** JAN 2001

Times Cited in Web of Science Core Collection: 294

Total Times Cited: 304

Accession Number: WOS:000168716400008

ISSN: 0167-7799

Record 121 of 227

Title: Temperature dependent electrical resistivity in nanocrystalline gold films made by advanced gas deposition

Author(s): Ederth, J (Ederth, J); Kish, LB (Kish, LB); Olsson, E (Olsson, E); Granqvist, CG (Granqvist, CG)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 88 **Issue:** 11 **Pages:** 6578-6582 **DOI:** 10.1063/1.1322384 **Published:** DEC 1 2000

Times Cited in Web of Science Core Collection: 13

Total Times Cited: 13

Accession Number: WOS:000165543200068

ISSN: 0021-8979

Record 122 of 227

Title: High efficiency dye-sensitized nanocrystalline solar cells based on sputter deposited Ti oxide films

Author(s): Gomez, MM (Gomez, MM); Lu, J (Lu, J); Olsson, E (Olsson, E); Hagfeldt, A (Hagfeldt, A); Granqvist, CG (Granqvist, CG)

Source: SOLAR ENERGY MATERIALS AND SOLAR CELLS **Volume:** 64 **Issue:** 4 **Pages:** 385-392 **DOI:** 10.1016/S0927-0248(00)00231-2 **Published:** NOV 2000

Times Cited in Web of Science Core Collection: 54

Total Times Cited: 57

Accession Number: WOS:000089585800009

ISSN: 0927-0248

Record 123 of 227

Title: Dye-sensitized nanocrystalline titanium-oxide-based solar cells prepared by sputtering: Influence of the substrate temperature during deposition

Author(s): Gomez, MM (Gomez, MM); Lu, J (Lu, J); Solis, JL (Solis, JL); Olsson, E (Olsson, E); Hagfeldt, A (Hagfeldt, A); Granqvist, CG (Granqvist, CG)
Source: JOURNAL OF PHYSICAL CHEMISTRY B **Volume:** 104 **Issue:** 36 **Pages:** 8712-8718 **DOI:** 10.1021/jp001566c **Published:** SEP 14 2000
Times Cited in Web of Science Core Collection: 33
Total Times Cited: 34
Accession Number: WOS:000089268000011
ISSN: 1089-5647

Record 124 of 227

Title: Differences in wetting characteristics of Bi₂O₃ polymorphs in ZnO varistor materials
Author(s): Elfving, M (Elfving, M); Osterlund, R (Osterlund, R); Olsson, E (Olsson, E)
Source: JOURNAL OF THE AMERICAN CERAMIC SOCIETY **Volume:** 83 **Issue:** 9 **Pages:** 2311-2314 **Published:** SEP 2000
Times Cited in Web of Science Core Collection: 35
Total Times Cited: 39
Accession Number: WOS:000089201500026
ISSN: 0002-7820

Record 125 of 227

Title: Maxwell and Sharvin conductance in gold point contacts investigated using TEM-STM
Author(s): Erts, D (Erts, D); Olin, H (Olin, H); Ryen, L (Ryen, L); Olsson, E (Olsson, E); Tholen, A (Tholen, A)
Source: PHYSICAL REVIEW B **Volume:** 61 **Issue:** 19 **Pages:** 12725-12727 **DOI:** 10.1103/PhysRevB.61.12725 **Published:** MAY 15 2000
Times Cited in Web of Science Core Collection: 65
Total Times Cited: 66
Accession Number: WOS:000087159100046
ISSN: 1098-0121
eISSN: 1550-235X

Record 126 of 227

Title: Nanocrystalline Ti-oxide-based solar cells made by sputter deposition and dye sensitization: Efficiency versus film thickness
Author(s): Gomez, M (Gomez, M); Magnusson, E (Magnusson, E); Olsson, E (Olsson, E); Hagfeldt, A (Hagfeldt, A); Lindquist, SE (Lindquist, SE); Granqvist, CG (Granqvist, CG)
Source: SOLAR ENERGY MATERIALS AND SOLAR CELLS **Volume:** 62 **Issue:** 3 **Pages:** 259-263 **DOI:** 10.1016/S0927-0248(99)00167-1 **Published:** MAY 15 2000
Times Cited in Web of Science Core Collection: 38
Total Times Cited: 39
Accession Number: WOS:000086887900005
ISSN: 0927-0248

Record 127 of 227

Title: Synthesis and characterization of single-walled nanotubes produced with Ce/Ni as catalysts
Author(s): Liu, BB (Liu, BB); Wagberg, T (Wagberg, T); Olsson, E (Olsson, E); Yang, RS (Yang, RS); Li, HD (Li, HD); Zhang, SL (Zhang, SL); Yang, HB (Yang, HB); Zou, GT (Zou, GT); Sundqvist, B (Sundqvist, B)
Source: CHEMICAL PHYSICS LETTERS **Volume:** 320 **Issue:** 3-4 **Pages:** 365-372 **DOI:** 10.1016/S0009-2614(00)00235-9 **Published:** APR 7 2000
Times Cited in Web of Science Core Collection: 40
Total Times Cited: 43
Accession Number: WOS:000086308400025
ISSN: 0009-2614

Record 128 of 227

Title: Reactively sputter-deposited titanium oxide coatings with parallel penniform microstructure
Author(s): Rodriguez, J (Rodriguez, J); Gomez, M (Gomez, M); Lu, J (Lu, J); Olsson, E (Olsson, E); Granqvist, CG (Granqvist, CG)
Source: ADVANCED MATERIALS **Volume:** 12 **Issue:** 5 **Pages:** 341-+ **DOI:** 10.1002/(SICI)1521-4095(200003)12:5<341::AID-ADMA341>3.0.CO;2-0 **Published:** MAR 2 2000
Times Cited in Web of Science Core Collection: 33
Total Times Cited: 33
Accession Number: WOS:000085746400009
ISSN: 0935-9648

Record 129 of 227

Title: Synthesis and characterization of single-walled nanotubes and nanoparticles produced with Ce or Eu as catalysts
Author(s): Liu, BB (Liu, BB); Wagberg, T (Wagberg, T); Nyeanchi, EB (Nyeanchi, EB); Makarova, TL (Makarova, TL); Zhu, XM (Zhu, XM); Sundqvist, B (Sundqvist, B); Yang, R (Yang, R); Li, D (Li, D); Gao, C (Gao, C); Yang, H (Yang, H); Zou, G (Zou, G); Li, HD (Li, HD); Olsson, E (Olsson, E)
Source: MOLECULAR MATERIALS **Volume:** 13 **Issue:** 1-4 **Pages:** 75-80 **Published:** 2000
Times Cited in Web of Science Core Collection: 2
Total Times Cited: 2
Accession Number: WOS:000165466700011
Conference Title: 8th Biennial International Workshop on Fullerenes and Atomic Clusters (IWFAc 99)
Conference Date: OCT 04-08, 1999
Conference Location: ST PETERSBURG, RUSSIA
ISSN: 1058-7276

Record 130 of 227

Title: Conductivity of two-dimensional C-60 polymers
Author(s): Makarova, TL (Makarova, TL); Wagberg, T (Wagberg, T); Sundqvist, B (Sundqvist, B); Zhu, XM (Zhu, XM); Nyeanchi, EB (Nyeanchi, EB); Gaevski, ME (Gaevski, ME); Olsson, E (Olsson, E); Agafonov, V (Agafonov, V); Davydov, VA (Davydov, VA); Rakhmanina, AV (Rakhmanina, AV); Kashevarova, LS (Kashevarova, LS)
Source: MOLECULAR MATERIALS **Volume:** 13 **Issue:** 1-4 **Pages:** 151-156 **Published:** 2000
Times Cited in Web of Science Core Collection: 6
Total Times Cited: 6
Accession Number: WOS:000165466700024
Conference Title: 8th Biennial International Workshop on Fullerenes and Atomic Clusters (IWFAc 99)
Conference Date: OCT 04-08, 1999

Conference Location: ST PETERSBURG, RUSSIA

ISSN: 1058-7276

Record 131 of 227

Title: Electrical properties of nanocrystalline tungsten trioxide

Author(s): Hoel, A (Hoel, A); Kish, LB (Kish, LB); Vajtai, R (Vajtai, R); Niklasson, GA (Niklasson, GA); Granqvist, CG (Granqvist, CG); Olsson, E (Olsson, E)

Edited by: Komarneni S; Parker JC; Hahn H

Source: NANOPHASE AND NANOCOMPOSITE MATERIALS III **Book Series:** MATERIALS RESEARCH SOCIETY SYMPOSIUM PROCEEDINGS **Volume:** 581 **Pages:** 15-20 **Published:** 2000

Times Cited in Web of Science Core Collection: 10

Total Times Cited: 10

Accession Number: WOS:000088059300003

Conference Title: Symposium on Nanophase and Nanocomposite Materials III held at the 1999 MRS Fall Meeting

Conference Date: NOV 29-DEC 02, 1999

Conference Location: BOSTON, MA

ISSN: 0272-9172

ISBN: 1-55899-489-0

Record 132 of 227

Title: Optical properties of biomimetically produced spectrally selective coatings

Author(s): Joerger, R (Joerger, R); Klaus-Joerger, T (Klaus-Joerger, T); Olsson, E (Olsson, E); Granqvist, CG (Granqvist, CG)

Source: SOLAR ENERGY **Volume:** 69 **Issue:** 1-6 **Pages:** 27-33 **Supplement:** S **Published:** 2000

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 6

Accession Number: WOS:000171391100003

ISSN: 0038-092X

Record 133 of 227

Title: Ag-Mn nanoparticles: Three-dimensional finite size effect of the spin glass state

Author(s): Ederth, J (Ederth, J); Hoel, A (Hoel, A); Johansson, CI (Johansson, CI); Kiss, LB (Kiss, LB); Olsson, E (Olsson, E); Granqvist, CG (Granqvist, CG); Nordblad, P (Nordblad, P)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 86 **Issue:** 11 **Pages:** 6571-6575 **DOI:** 10.1063/1.371622 **Published:** DEC 1 1999

Times Cited in Web of Science Core Collection: 6

Total Times Cited: 6

Accession Number: WOS:000083729000099

ISSN: 0021-8979

Record 134 of 227

Title: Silver-based crystalline nanoparticles, microbially fabricated

Author(s): Klaus, T (Klaus, T); Joerger, R (Joerger, R); Olsson, E (Olsson, E); Granqvist, CG (Granqvist, CG)

Source: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA **Volume:** 96 **Issue:** 24 **Pages:** 13611-13614 **DOI:** 10.1073/pnas.96.24.13611 **Published:** NOV 23 1999

Times Cited in Web of Science Core Collection: 577

Total Times Cited: 602

Accession Number: WOS:000083872900006

ISSN: 0027-8424

Record 135 of 227

Title: Structural studies of YBCO ramp Josephson junctions for rapid single flux quantum circuits

Author(s): Gustafsson, M (Gustafsson, M); Olsson, E (Olsson, E); Huang, MQ (Huang, MQ); Komissinski, PV (Komissinski, PV); Mozhaev, PB (Mozhaev, PB); Ivanov, ZG (Ivanov, ZG)

Source: JOURNAL OF LOW TEMPERATURE PHYSICS **Volume:** 117 **Issue:** 3-4 **Pages:** 575-579 **DOI:** 10.1023/A:1022591716356 **Published:** NOV 1999

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:000084373900066

Conference Title: International Conference on Physics and Chemistry of Molecular and Oxide Superconductors (MOS-99)

Conference Date: JUL 28-AUG 02, 1999

Conference Location: ROYAL INST TECHNOL, STOCKHOLM, SWEDEN

Conference Host: ROYAL INST TECHNOL

ISSN: 0022-2291

Record 136 of 227

Title: Characterisation of interface-engineered ramp-edge Josephson junctions by transmission electron microscopy

Author(s): Gustafsson, M (Gustafsson, M); Olsson, E (Olsson, E); Moeckly, B (Moeckly, B)

Source: JOURNAL OF LOW TEMPERATURE PHYSICS **Volume:** 117 **Issue:** 3-4 **Pages:** 581-585 **DOI:** 10.1023/A:1022543800427 **Published:** NOV 1999

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000084373900067

Conference Title: International Conference on Physics and Chemistry of Molecular and Oxide Superconductors (MOS-99)

Conference Date: JUL 28-AUG 02, 1999

Conference Location: ROYAL INST TECHNOL, STOCKHOLM, SWEDEN

Conference Host: ROYAL INST TECHNOL

ISSN: 0022-2291

Record 137 of 227

Title: Determination of the complex dielectric function of epitaxial SrTiO₃ films using transmission electron energy-loss spectroscopy (vol 85, pg 2828, 1999)

Author(s): Ryen, L (Ryen, L); Wang, X (Wang, X); Helmersson, U (Helmersson, U); Olsson, E (Olsson, E)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 86 **Issue:** 2 **Pages:** 1172-1172 **DOI:** 10.1063/1.370862 **Published:** JUL 15 1999

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000081171800075

ISSN: 0021-8979

Record 138 of 227

Title: Deposited nano-metre sized iron clusters

Author(s): Johansson, C (Johansson, C); Aklint, T (Aklint, T); Hanson, M (Hanson, M); Andersson, M (Andersson, M); Tarras-Wahlberg, N (Tarras-Wahlberg, N); Olsson, E (Olsson, E); Kalska, B (Kalska, B); Wappling, R (Wappling, R); Rosen, A (Rosen, A)

Source: NANOSTRUCTURED MATERIALS **Volume:** 12 **Issue:** 1-4 **Special Issue:** SI **Pages:** 287-290 **DOI:** 10.1016/S0965-9773(99)00118-X **Part:** A **Published:** JUL 1999

Times Cited in Web of Science Core Collection: 6

Total Times Cited: 6

Accession Number: WOS:000081912100065

Conference Title: 4th International Conference on Nanostructured Materials (NANO 98)

Conference Date: JUN 14-19, 1998

Conference Location: STOCKHOLM, SWEDEN

ISSN: 0965-9773

Record 139 of 227

Title: Self-assembled single electron tunneling devices with organic tunnel barriers

Author(s): Persson, SHM (Persson, SHM); Olofsson, L (Olofsson, L); Gunnarsson, L (Gunnarsson, L); Olsson, E (Olsson, E)

Source: NANOSTRUCTURED MATERIALS **Volume:** 12 **Issue:** 5-8 **Special Issue:** SI **Pages:** 821-824 **DOI:** 10.1016/S0965-9773(99)00243-3 **Part:** B **Published:** JUL 1999

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 2

Accession Number: WOS:000081912200049

Conference Title: 4th International Conference on Nanostructured Materials (NANO 98)

Conference Date: JUN 14-19, 1998

Conference Location: STOCKHOLM, SWEDEN

ISSN: 0965-9773

Record 140 of 227

Title: Reduction of density of subgrain boundaries and misfit dislocations in epitaxial (001) SrTiO₃ thin films: Effect on dielectric tunability

Author(s): Ryen, L (Ryen, L); Wang, X (Wang, X); Petrov, P (Petrov, P); Carlsson, E (Carlsson, E); Helmersson, U (Helmersson, U); Olsson, E (Olsson, E)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 85 **Issue:** 8 **Pages:** 3976-3983 **DOI:** 10.1063/1.370299 **Part:** 1 **Published:** APR 15 1999

Times Cited in Web of Science Core Collection: 13

Total Times Cited: 16

Accession Number: WOS:000079848600006

ISSN: 0021-8979

Record 141 of 227

Title: Determination of the complex dielectric function of epitaxial SrTiO₃ films using transmission electron energy-loss spectroscopy

Author(s): Ryen, L (Ryen, L); Wang, X (Wang, X); Helmersson, U (Helmersson, U); Olsson, E (Olsson, E)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 85 **Issue:** 5 **Pages:** 2828-2834 **DOI:** 10.1063/1.369602 **Published:** MAR 1 1999

Times Cited in Web of Science Core Collection: 24

Total Times Cited: 24

Accession Number: WOS:000078777000054

ISSN: 0021-8979

Record 142 of 227

Title: Influence of heat treatment on grain boundary microstructure in a Ni-16Cr-10Fe-0 center dot 022C model material

Author(s): Thuvander, M (Thuvander, M); Stiller, K (Stiller, K); Olsson, E (Olsson, E)

Source: MATERIALS SCIENCE AND TECHNOLOGY **Volume:** 15 **Issue:** 3 **Pages:** 237-245 **Published:** MAR 1999

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Accession Number: WOS:000079361100001

ISSN: 0267-0836

Record 143 of 227

Title: Er doping of Si and Si_{0.88}Ge_{0.12} using Er₂O₃ and ErF₃ evaporation during molecular beam epitaxy - A transmission electron microscopy study

Author(s): Joelsing, KB (Joelsing, KB); Hultman, L (Hultman, L); Ni, WX (Ni, WX); Cardenas, J (Cardenas, J); Svensson, BG (Svensson, BG); Olsson, E (Olsson, E); Hansson, GV (Hansson, GV)

Source: JOURNAL OF CRYSTAL GROWTH **Volume:** 196 **Issue:** 1 **Pages:** 97-110 **DOI:** 10.1016/S0022-0248(98)00880-X **Published:** JAN 1999

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000077880300015

ISSN: 0022-0248

Record 144 of 227

Title: Preparation and characterization of electrochemically etched W tips for STM

Author(s): Ekvall, I (Ekvall, I); Wahlstrom, E (Wahlstrom, E); Claesson, D (Claesson, D); Olin, H (Olin, H); Olsson, E (Olsson, E)

Source: MEASUREMENT SCIENCE AND TECHNOLOGY **Volume:** 10 **Issue:** 1 **Pages:** 11-18 **DOI:** 10.1088/0957-0233/10/1/006 **Published:** JAN 1999

Times Cited in Web of Science Core Collection: 77

Total Times Cited: 79

Accession Number: WOS:000078445200007

ISSN: 0957-0233

eISSN: 1361-6501

Record 145 of 227

Title: HREM investigation of structural defects in Al- and B- implanted 4H and 6H SiC

Author(s): Persson, POA (Persson, POA); Olsson, E (Olsson, E); Hultman, L (Hultman, L)

Edited by: Cullis AG; Beanland R

Source: MICROSCOPY OF SEMICONDUCTING MATERIALS 1999, PROCEEDINGS **Book Series:** INSTITUTE OF PHYSICS CONFERENCE SERIES **Issue:** 164 **Pages:** 525-528 **Published:** 1999
Times Cited in Web of Science Core Collection: 0
Total Times Cited: 0
Accession Number: WOS:000166835300113
Conference Title: Conference on Microscopy of Semiconducting Materials
Conference Date: MAR 22-25, 1999
Conference Location: UNIV OXFORD, OXFORD, ENGLAND
Conference Host: UNIV OXFORD
ISSN: 0951-3248
ISBN: 0-7503-0650-5

Record 146 of 227

Title: Spectrally selective solar absorbing surface coatings prepared by a biomimetic technique
Author(s): Joerger, R (Joerger, R); Klaus, T (Klaus, T); Olsson, E (Olsson, E); Granqvist, CG (Granqvist, CG)
Edited by: Lampert CM; Granqvist CG
Source: SOLAR OPTICAL MATERIALS XVI **Book Series:** PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE) **Volume:** 3789 **Pages:** 2-7 **DOI:** 10.1117/12.367566 **Published:** 1999
Times Cited in Web of Science Core Collection: 5
Total Times Cited: 5
Accession Number: WOS:000083742200001
Conference Title: 16th Conference on Solar Optical Material
Conference Date: JUL 22, 1999
Conference Location: DENVER, CO
ISSN: 0277-786X
ISBN: 0-8194-3275-X

Record 147 of 227

Title: Transmission electron energy-loss spectroscopy measurements of the dielectric function of Si/SiO₂ multilayers
Author(s): Keranen, J (Keranen, J); Lepisto, T (Lepisto, T); Ryen, L (Ryen, L); Novikov, SV (Novikov, SV); Olsson, E (Olsson, E)
Source: JOURNAL OF APPLIED PHYSICS **Volume:** 84 **Issue:** 12 **Pages:** 6827-6831 **Published:** DEC 15 1998
Times Cited in Web of Science Core Collection: 8
Total Times Cited: 8
Accession Number: WOS:000077293100053
ISSN: 0021-8979

Record 148 of 227

Title: Extended defect structures in zinc oxide doped with iron and indium
Author(s): Horlin, T (Horlin, T); Svensson, G (Svensson, G); Olsson, E (Olsson, E)
Source: JOURNAL OF MATERIALS CHEMISTRY **Volume:** 8 **Issue:** 11 **Pages:** 2465-2473 **DOI:** 10.1039/a805291c **Published:** NOV 1998
Times Cited in Web of Science Core Collection: 22
Total Times Cited: 22
Accession Number: WOS:000076974900026
ISSN: 0959-9428

Record 149 of 227

Title: Formation of secondary phases in YBa₂Cu₃O_{7- δ} /SrTiO₃ multilayers
Author(s): Edvardsson, CNL (Edvardsson, CNL); Helmersson, U (Helmersson, U); Madsen, LD (Madsen, LD); Czigan, Z (Czigan, Z); Ryen, L (Ryen, L); Olsson, E (Olsson, E)
Source: PHYSICA C **Volume:** 304 **Issue:** 3-4 **Pages:** 245-254 **DOI:** 10.1016/S0921-4534(98)00310-4 **Published:** AUG 10 1998
Times Cited in Web of Science Core Collection: 8
Total Times Cited: 8
Accession Number: WOS:000075986200012
ISSN: 0921-4534

Record 150 of 227

Title: Dislocations, strain, and defects in heteroepitaxial YBa₂Cu₃O_{7-x}/SrTiO₃ multilayers
Author(s): Ryen, L (Ryen, L); Olsson, E (Olsson, E); Edvardsson, CNL (Edvardsson, CNL); Helmersson, U (Helmersson, U)
Source: PHYSICA C **Volume:** 304 **Issue:** 3-4 **Pages:** 307-313 **DOI:** 10.1016/S0921-4534(98)00312-8 **Published:** AUG 10 1998
Times Cited in Web of Science Core Collection: 8
Total Times Cited: 8
Accession Number: WOS:000075986200018
ISSN: 0921-4534

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Page 4 (Records 151 – 200)

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 [1 | 2 | 3 | 4 | 5]**Record 151 of 227****Title:** Effect of growth temperature on the properties of evaporated tantalum pentoxide thin films on silicon deposited using oxygen radicals**Author(s):** Grahn, JV (Grahn, JV); Hellberg, PE (Hellberg, PE); Olsson, E (Olsson, E)**Source:** JOURNAL OF APPLIED PHYSICS **Volume:** 84 **Issue:** 3 **Pages:** 1632-1642 **DOI:** 10.1063/1.368256 **Published:** AUG 1 1998**Times Cited in Web of Science Core Collection:** 27**Total Times Cited:** 27**Accession Number:** WOS:000075294600077**ISSN:** 0021-8979**Record 152 of 227****Title:** Magnetic properties of deposited iron clusters produced in a high-yield laser vaporization source**Author(s):** Aklint, T (Aklint, T); Johansson, C (Johansson, C); Hanson, M (Hanson, M); Olsson, E (Olsson, E); Gustavsson, F (Gustavsson, F); Wappling, R (Wappling, R); Rosen, A (Rosen, A)**Source:** APPLIED ORGANOMETALLIC CHEMISTRY **Volume:** 12 **Issue:** 7 **Pages:** 479-484 **Published:** JUL 1998**Times Cited in Web of Science Core Collection:** 2**Total Times Cited:** 2**Accession Number:** WOS:000074813700003**Conference Title:** Workshop on Nanoporous Materials and Magnetic Properties of Nanostructured Materials**Conference Date:** SEP 19-20, 1997**Conference Location:** FRASCATI, ITALY**ISSN:** 0268-2605**Record 153 of 227****Title:** Microstructure and microwave dielectric properties of epitaxial SrTiO₃ films on LaAlO₃ substrates**Author(s):** Ryen, L (Ryen, L); Olsson, E (Olsson, E); Madsen, LD (Madsen, LD); Wang, X (Wang, X); Edvardsson, CNL (Edvardsson, CNL); Jacobsen, SN (Jacobsen, SN); Helmersson, U (Helmersson, U); Rudner, S (Rudner, S); Wernlund, LD (Wernlund, LD)**Source:** JOURNAL OF APPLIED PHYSICS **Volume:** 83 **Issue:** 9 **Pages:** 4884-4890 **DOI:** 10.1063/1.367288 **Published:** MAY 1 1998**Times Cited in Web of Science Core Collection:** 28**Total Times Cited:** 29**Accession Number:** WOS:000073523900052**ISSN:** 0021-8979**Record 154 of 227****Title:** Transport and structural properties of the top and bottom grain boundaries in YBa₂Cu₃O_{7- δ} step-edge Josephson junctions**Author(s):** Lombardi, F (Lombardi, F); Ivanov, ZG (Ivanov, ZG); Fischer, GM (Fischer, GM); Olsson, E (Olsson, E); Claeson, T (Claeson, T)**Source:** APPLIED PHYSICS LETTERS **Volume:** 72 **Issue:** 2 **Pages:** 249-251 **DOI:** 10.1063/1.120700 **Published:** JAN 12 1998**Times Cited in Web of Science Core Collection:** 10**Total Times Cited:** 10**Accession Number:** WOS:000071398900040**ISSN:** 0003-6951**eISSN:** 1077-3118**Record 155 of 227****Title:** Study of interfaces in ZnO varistor materials using analytical electron microscopy**Author(s):** Elfving, M (Elfving, M); Olsson, E (Olsson, E)**Edited by:** Benavides HAC; Yacaman MJ**Source:** ELECTRON MICROSCOPY 1998, VOL 2: MATERIALS SCIENCE 1 **Pages:** 611-612 **Published:** 1998**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:000077019900300**Conference Title:** 14th International Congress on Electron Microscopy**Conference Date:** AUG 31-SEP 04, 1998**Conference Location:** CANCUN, MEXICO**ISBN:** 0-7503-0565-7**Record 156 of 227****Title:** A self-assembled single-electron tunneling device**Author(s):** Persson, SHM (Persson, SHM); Olofsson, L (Olofsson, L); Hedberg, L (Hedberg, L); Sutherland, D (Sutherland, D); Olsson, E (Olsson, E)**Edited by:** Aviram A; Ratner M**Source:** MOLECULAR ELECTRONICS: SCIENCE AND TECHNOLOGY **Book Series:** ANNALS OF THE NEW YORK ACADEMY OF SCIENCES **Volume:** 852 **Pages:** 188-196 **DOI:** 10.1111/j.1749-6632.1998.tb09872.x **Published:** 1998**Times Cited in Web of Science Core Collection:** 6**Total Times Cited:** 6**Accession Number:** WOS:000076245100012**Conference Title:** Conference on Molecular Electronics - Science and Technology**Conference Date:** DEC 14-18, 1997**Conference Location:** HUMACAO, PUERTO RICO**ISSN:** 0077-8923**ISBN:** 1-57331-156-1**Record 157 of 227****Title:** Transmission electron microscopy investigation of defects in B-implanted 6H-SiC**Author(s):** Persson, POA (Persson, POA); Wahab, Q (Wahab, Q); Hultman, L (Hultman, L); Nordell, N (Nordell, N); Schoner, A (Schoner, A); Rottner, K (Rottner, K); Olsson, E (Olsson, E); Linnarsson, MK (Linnarsson, MK)**Edited by:** Pensl G; Morkoc H; Monemar B; Janzen E

Source: SILICON CARBIDE, III-NITRIDES AND RELATED MATERIALS, PTS 1 AND 2 **Book Series:** MATERIALS SCIENCE FORUM **Volume:** 264-2 **Pages:** 413-416 **Part:** 1-2 **Published:** 1998

Times Cited in Web of Science Core Collection: 12

Total Times Cited: 12

Accession Number: WOS:000072751000097

Conference Title: 7th International Conference on Silicon Carbide, III-Nitrides and Related Materials (ICSCIII-N 97)

Conference Date: AUG 31-SEP 05, 1997

Conference Location: STOCKHOLM, SWEDEN

ISSN: 0255-5476

ISBN: 0-87849-790-0

Record 158 of 227

Title: Concentration profiles across twin boundaries in YBa₂Cu₃O_{6+δ}

Author(s): Hu, QH (Hu, QH); Stiller, K (Stiller, K); Olsson, E (Olsson, E); Andren, HO (Andren, HO); Berastegui, P (Berastegui, P); Johansson, LG (Johansson, LG)

Source: PHYSICAL REVIEW B **Volume:** 56 **Issue:** 18 **Pages:** 11997-12003 **DOI:** 10.1103/PhysRevB.56.11997 **Published:** NOV 1 1997

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Accession Number: WOS:A1997YF52800091

ISSN: 2469-9950

eISSN: 2469-9969

Record 159 of 227

Title: High-resolution electron microscopy of ZnO grain boundaries in bicrystals obtained by the solid-phase intergrowth process

Author(s): Kiselev, AN (Kiselev, AN); Sarrazit, F (Sarrazit, F); Stepansov, EA (Stepansov, EA); Olsson, E (Olsson, E); Claeson, T (Claeson, T); Bondarenko, VI (Bondarenko, VI); Pond, RC (Pond, RC); Kiselev, NA (Kiselev, NA)

Source: PHILOSOPHICAL MAGAZINE A-PHYSICS OF CONDENSED MATTER STRUCTURE DEFECTS AND MECHANICAL PROPERTIES **Volume:** 76 **Issue:** 3 **Pages:** 633-655 **Published:** SEP 1997

Times Cited in Web of Science Core Collection: 44

Total Times Cited: 44

Accession Number: WOS:A1997XU82600008

ISSN: 0141-8610

Record 160 of 227

Title: Epitaxial ferroelectric/superconductor heterostructures

Author(s): Boikov, YA (Boikov, YA); Ivanov, ZG (Ivanov, ZG); Olsson, E (Olsson, E); Claeson, T (Claeson, T)

Source: PHYSICA C **Volume:** 282 **Pages:** 111-114 **DOI:** 10.1016/S0921-4534(97)00231-1 **Part:** 1 **Published:** AUG 1997

Times Cited in Web of Science Core Collection: 13

Total Times Cited: 13

Accession Number: WOS:A1997XZ90400032

Conference Title: International Conference on Materials and Mechanisms of Superconductivity - High Temperature Superconductors V

Conference Date: FEB 28-MAR 04, 1997

Conference Location: BEIJING, PEOPLES R CHINA

ISSN: 0921-4534

Record 161 of 227

Title: Differences in the nucleation rate of YBa₂Cu₃O_{7-δ} on patterned (001) LaAlO₃ substrates

Author(s): Gustafsson, M (Gustafsson, M); Olsson, E (Olsson, E); Yi, HR (Yi, HR); Winkler, D (Winkler, D); Claeson, T (Claeson, T)

Source: PHYSICA C **Volume:** 282 **Pages:** 623-624 **DOI:** 10.1016/S0921-4534(97)00440-1 **Part:** 2 **Published:** AUG 1997

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:A1997XZ90500093

Conference Title: International Conference on Materials and Mechanisms of Superconductivity - High Temperature Superconductors V

Conference Date: FEB 28-MAR 04, 1997

Conference Location: BEIJING, PEOPLES R CHINA

ISSN: 0921-4534

Record 162 of 227

Title: Grain boundary evolution of YBa₂Cu₃O_{7-δ} in the vicinity of steps on patterned (001) LaAlO₃ substrates

Author(s): Gustafsson, M (Gustafsson, M); Olsson, E (Olsson, E); Yi, HR (Yi, HR); Winkler, D (Winkler, D); Claeson, T (Claeson, T)

Source: APPLIED PHYSICS LETTERS **Volume:** 70 **Issue:** 21 **Pages:** 2903-2905 **DOI:** 10.1063/1.119048 **Published:** MAY 26 1997

Times Cited in Web of Science Core Collection: 7

Total Times Cited: 7

Accession Number: WOS:A1997XA59900042

ISSN: 0003-6951

Record 163 of 227

Title: Molecular beam epitaxy growth and characterization of In_xGa_{1-x}As (0.57x=1) on GaAs using InAlAs graded buffer

Author(s): Wang, SM (Wang, SM); Karlsson, C (Karlsson, C); Rorsman, N (Rorsman, N); Bergh, M (Bergh, M); Olsson, E (Olsson, E); Andersson, TG (Andersson, TG); Zirath, H (Zirath, H)

Source: JOURNAL OF CRYSTAL GROWTH **Volume:** 175 **Pages:** 1016-1021 **DOI:** 10.1016/S0022-0248(96)00892-5 **Part:** 2 **Published:** MAY 1997

Times Cited in Web of Science Core Collection: 19

Total Times Cited: 19

Accession Number: WOS:A1997XX17900060

Conference Title: 9th International Conference on Molecular Beam Epitaxy (MBE-IX)

Conference Date: AUG 05-09, 1996

Conference Location: PEPPERDINE UNIV, MALIBU, CA

Conference Host: PEPPERDINE UNIV

ISSN: 0022-0248

Record 164 of 227

Title: Microstructure of YBa₂Cu₃O_{7-x} films on buffered si for microelectronic applications

Author(s): Vasiliev, AL (Vasiliev, AL); VanTendeloo, G (VanTendeloo, G); Boikov, Y (Boikov, Y); Olsson, E (Olsson, E); Ivanov, Z (Ivanov, Z)

Source: SUPERCONDUCTOR SCIENCE & TECHNOLOGY **Volume:** 10 **Issue:** 5 **Pages:** 356-365 **DOI:** 10.1088/0953-2048/10/5/015 **Published:** MAY 1997

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:A1997WY69100015

ISSN: 0953-2048

Record 165 of 227

Title: Nucleation and growth of YBa₂Cu₃O_{7-delta} on wavy step edges in (001) LaAlO₃

Author(s): Gustafsson, M (Gustafsson, M); Olsson, E (Olsson, E); Yi, HR (Yi, HR); Winkler, D (Winkler, D); Claeson, T (Claeson, T)

Source: JOURNAL OF ALLOYS AND COMPOUNDS **Volume:** 251 **Issue:** 1-2 **Pages:** 19-22 **DOI:** 10.1016/S0925-8388(96)02762-4 **Published:** APR 1997

Times Cited in Web of Science Core Collection: 6

Total Times Cited: 6

Accession Number: WOS:A1997XM34000006

Conference Title: Symposium on High Temperature Superconductor Thin Films - Growth Mechanisms, Interfaces, Multilayers, at the 1996 Spring Meeting of the European-Materials-Society

Conference Date: JUN 04-07, 1996

Conference Location: STRASBOURG, FRANCE

ISSN: 0925-8388

Record 166 of 227

Title: Hg-1212 and Hg-1223 single crystals: Synthesis and characterisation

Author(s): Gatt, R (Gatt, R); Olsson, E (Olsson, E); Morawski, A (Morawski, A); Lada, T (Lada, T); Paszewin, A (Paszewin, A); Bryntse, I (Bryntse, I); Grishin, AM (Grishin, AM); Eiltsev, Y (Eiltsev, Y); Berastegui, P (Berastegui, P); Johansson, LG (Johansson, LG)

Source: PHYSICA C **Volume:** 276 **Issue:** 3-4 **Pages:** 270-276 **DOI:** 10.1016/S0921-4534(97)00051-8 **Published:** MAR 15 1997

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Accession Number: WOS:A1997WV81000011

ISSN: 0921-4534

Record 167 of 227

Title: Microstructural characterization of quenched melt-textured YBa₂Cu₃O_{7-delta} materials

Author(s): Alarco, JA (Alarco, JA); Olsson, E (Olsson, E); Golden, SJ (Golden, SJ); Bhargava, A (Bhargava, A); Yamashita, T (Yamashita, T); Barry, J (Barry, J); Mackinnon, IDR (Mackinnon, IDR)

Source: JOURNAL OF MATERIALS RESEARCH **Volume:** 12 **Issue:** 3 **Pages:** 624-635 **DOI:** 10.1557/JMR.1997.0095 **Published:** MAR 1997

Times Cited in Web of Science Core Collection: 13

Total Times Cited: 14

Accession Number: WOS:A1997WM87900014

ISSN: 0884-2914

Record 168 of 227

Title: Strained SiGe-alloy layers formed by solid phase epitaxial growth of Ge⁺ ion implanted silicon

Author(s): Songsiriritthigul, P (Songsiriritthigul, P); Holmen, G (Holmen, G); Olsson, E (Olsson, E)

Source: NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS **Volume:** 122 **Issue:** 4 **Pages:** 630-634 **DOI:** 10.1016/S0168-583X(96)00824-5 **Published:** MAR 1997

Times Cited in Web of Science Core Collection: 10

Total Times Cited: 10

Accession Number: WOS:A1997WN54400003

ISSN: 0168-583X

Record 169 of 227

Title: Effect of growth parameters on the grain boundary morphology of YBa₂Cu₃O_{7-delta} on step edge (001)LaAlO₃ substrates

Author(s): Gustafsson, M (Gustafsson, M); Olsson, E (Olsson, E); Yi, HR (Yi, HR); Vaupel, M (Vaupel, M); Woerdenweber, R (Woerdenweber, R)

Edited by: Rogalla H; Blank DHA

Source: APPLIED SUPERCONDUCTIVITY 1997, VOLS 1 AND 2 **Book Series:** INSTITUTE OF PHYSICS CONFERENCE SERIES **Issue:** 158 **Pages:** 241-244 **Published:** 1997

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000071955200060

Conference Title: 3rd European Conference on Applied Superconductivity (EUCAS 1997)

Conference Date: JUN 30-JUL 03, 1997

Conference Location: VELDHOVEN, NETHERLANDS

ISSN: 0951-3248

ISBN: 0-7503-0487-1

Record 170 of 227

Title: Growth and characterization of metamorphic In_xGa_{1-x}As/InAlAs(x>=0.8) modulation doped heterostructures on GaAs using a linearly graded In(AIGa)As buffer layer

Author(s): Wang, SM (Wang, SM); Karlsson, C (Karlsson, C); Rorsman, N (Rorsman, N); Bergh, M (Bergh, M); Olsson, E (Olsson, E); Andersson, TG (Andersson, TG)

Source: PHYSICA SCRIPTA **Volume:** T69 **Pages:** 325-331 **DOI:** 10.1088/0031-8949/1997/T69/071 **Published:** 1997

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:A1997WL40600072

Conference Title: Proceedings of the 17th Nordic Semiconductor Meeting

Conference Date: JUN 17-20, 1996

Conference Location: TRONDHEIM, NORWAY

ISSN: 0281-1847

Record 171 of 227

Title: Electromagnetic and microstructural characterization of YBa₂Cu₃O₇ step edge junctions on (001)LaAlO₃ substrates
Author(s): Yi, HR (Yi, HR); Gustafsson, M (Gustafsson, M); Winkler, D (Winkler, D); Olsson, E (Olsson, E); Claeson, T (Claeson, T)
Source: JOURNAL OF APPLIED PHYSICS **Volume:** 79 **Issue:** 12 **Pages:** 9213-9220 **DOI:** 10.1063/1.362594 **Published:** JUN 15 1996
Times Cited in Web of Science Core Collection: 22
Total Times Cited: 23
Accession Number: WOS:A1996UT34100050
ISSN: 0021-8979
eISSN: 1089-7550

Record 172 of 227

Title: Epitaxial heterostructures of YBa₂Cu₃O₇-delta/KTaO₃ and YBa₂Cu₃O₇-delta/BaxSr_{1-x}TiO₃ for tunable microwave components
Author(s): Boikov, YA (Boikov, YA); Ivanov, ZG (Ivanov, ZG); Vasiliev, AL (Vasiliev, AL); Olsson, E (Olsson, E); Claeson, T (Claeson, T)
Source: SUPERCONDUCTOR SCIENCE & TECHNOLOGY **Volume:** 9 **Issue:** 4A **Pages:** A178-A181 **DOI:** 10.1088/0953-2048/9/4A/045 **Published:** APR 1996
Times Cited in Web of Science Core Collection: 4
Total Times Cited: 4
Accession Number: WOS:A1996UF34600045
Conference Title: 5th International Superconductive Electronics Conference (ISEC 95)
Conference Date: SEP 18-21, 1995
Conference Location: NAGOYA, JAPAN
ISSN: 0953-2048

Record 173 of 227

Title: The function of buffer layers and defects in heteroepitaxial BaxSr_{1-x}TiO₃/YBa₂Cu₃O_{7-x}/CeO₂/Y-ZrO₂/Si/Al₂O₃ multilayers
Author(s): Olsson, E (Olsson, E); Boikov, Y (Boikov, Y); Ivanov, ZG (Ivanov, ZG); Vasiliev, AL (Vasiliev, AL); Claeson, T (Claeson, T)
Edited by: Speck JS; Fork DK; Wolf RM; Shiosaki T
Source: EPITAXIAL OXIDE THIN FILMS II **Book Series:** MATERIALS RESEARCH SOCIETY SYMPOSIUM PROCEEDINGS **Volume:** 401 **Pages:** 321-332 **Published:** 1996
Times Cited in Web of Science Core Collection: 0
Total Times Cited: 0
Accession Number: WOS:A1996BF25N00044
Conference Title: Symposium on Epitaxial Oxide Thin Films II, at the 1995 MRS Fall Meeting
Conference Date: NOV 26-30, 1995
Conference Location: BOSTON, MA
ISSN: 0272-9172
ISBN: 1-55899-304-5

Record 174 of 227

Title: Microstructure of SrTiO₃ thin films as single layer and incorporated in YBa₂Cu₃O_{7-x}/SrTiO₃ multilayers
Author(s): Ryen, L (Ryen, L); Olsson, E (Olsson, E); Madsen, LD (Madsen, LD); Johnson, CNL (Johnson, CNL); Wang, X (Wang, X); Jacobsen, SN (Jacobsen, SN); Helmersson, U (Helmersson, U); Wernlund, LD (Wernlund, LD); Rudner, S (Rudner, S)
Edited by: Speck JS; Fork DK; Wolf RM; Shiosaki T
Source: EPITAXIAL OXIDE THIN FILMS II **Book Series:** MATERIALS RESEARCH SOCIETY SYMPOSIUM PROCEEDINGS **Volume:** 401 **Pages:** 369-374 **Published:** 1996
Times Cited in Web of Science Core Collection: 0
Total Times Cited: 0
Accession Number: WOS:A1996BF25N00051
Conference Title: Symposium on Epitaxial Oxide Thin Films II, at the 1995 MRS Fall Meeting
Conference Date: NOV 26-30, 1995
Conference Location: BOSTON, MA
ISSN: 0272-9172
ISBN: 1-55899-304-5

Record 175 of 227

Title: Growth and properties of epitaxial ferroelectric/superconductor heterostructures
Author(s): Boikov, Y (Boikov, Y); Ivanov, ZG (Ivanov, ZG); Kiselev, AN (Kiselev, AN); Vasiliev, AL (Vasiliev, AL); Olsson, E (Olsson, E); Claeson, T (Claeson, T)
Source: MICROELECTRONIC ENGINEERING **Volume:** 29 **Issue:** 1-4 **Pages:** 129-132 **DOI:** 10.1016/0167-9317(95)00130-1 **Published:** DEC 1995
Times Cited in Web of Science Core Collection: 1
Total Times Cited: 1
Accession Number: WOS:A1995TP60800026
Conference Title: 1st European Meeting on Integrated Ferroelectrics (EMIF 1), at the 8th European Meeting on Ferroelectrics (EMF 8)
Conference Date: JUL 03-05, 1995
Conference Location: UNIV NIJMEGEN, FAC SCI, NIJMEGEN, NETHERLANDS
Conference Host: UNIV NIJMEGEN, FAC SCI
ISSN: 0167-9317

Record 176 of 227

Title: Transmission electron microscopy of epitaxial SrTiO₃ films on LaAlO₃ substrates
Author(s): Ryen, L (Ryen, L); Olsson, E (Olsson, E); Madsen, LD (Madsen, LD); Johnson, CN (Johnson, CN); Wang, X (Wang, X); Jacobsen, SN (Jacobsen, SN); Helmersson, U (Helmersson, U); Rudner, S (Rudner, S); Wernlund, LD (Wernlund, LD)
Source: MICROELECTRONIC ENGINEERING **Volume:** 29 **Issue:** 1-4 **Pages:** 309-312 **DOI:** 10.1016/0167-9317(95)00167-0 **Published:** DEC 1995
Times Cited in Web of Science Core Collection: 3
Total Times Cited: 3
Accession Number: WOS:A1995TP60800063
Conference Title: 1st European Meeting on Integrated Ferroelectrics (EMIF 1), at the 8th European Meeting on Ferroelectrics (EMF 8)
Conference Date: JUL 03-05, 1995
Conference Location: UNIV NIJMEGEN, FAC SCI, NIJMEGEN, NETHERLANDS
Conference Host: UNIV NIJMEGEN, FAC SCI
ISSN: 0167-9317

Record 177 of 227

Title: INTERFACIAL INTERACTIONS OF YBA2CU3O7-X THIN-FILMS ON SI SUBSTRATES WITH POLYCRYSTALLINE Y STABILIZED ZRO2 BUFFER LAYERS

Author(s): VASILIEV, AL (VASILIEV, AL); OLSSON, E (OLSSON, E); BOIKOV, J (BOIKOV, J); CLAESON, T (CLAESON, T); KISELEV, NA (KISELEV, NA)

Source: PHYSICA C **Volume:** 253 **Issue:** 3-4 **Pages:** 297-307 **DOI:** 10.1016/0921-4534(95)00501-3 **Published:** NOV 1 1995

Times Cited in Web of Science Core Collection: 8

Total Times Cited: 8

Accession Number: WOS:A1995TE08400012

ISSN: 0921-4534

Record 178 of 227

Title: ANALYSIS AND PREDICTION OF THE CRITICAL-CURRENT DENSITY ACROSS [001]-TILT YBA2CU3O7-DELTA GRAIN-BOUNDARIES OF ARBITRARY MISORIENTATION ANGLES

Author(s): ALARCO, JA (ALARCO, JA); OLSSON, E (OLSSON, E)

Source: PHYSICAL REVIEW B **Volume:** 52 **Issue:** 18 **Pages:** 13625-13630 **DOI:** 10.1103/PhysRevB.52.13625 **Published:** NOV 1 1995

Times Cited in Web of Science Core Collection: 29

Total Times Cited: 29

Accession Number: WOS:A1995TD72500082

ISSN: 0163-1829

Record 179 of 227

Title: EPITAXIAL HETEROSTRUCTURES YBA2CU3O7-DELTA/KTAO3 FOR MICROWAVE APPLICATIONS

Author(s): BOIKOV, YA (BOIKOV, YA); IVANOV, ZG (IVANOV, ZG); VASILIEV, AL (VASILIEV, AL); PRONIN, I (PRONIN, I); OLSSON, E (OLSSON, E); CLAESON, T (CLAESON, T)

Source: APPLIED PHYSICS LETTERS **Volume:** 67 **Issue:** 18 **Pages:** 2708-2710 **DOI:** 10.1063/1.114300 **Published:** OCT 30 1995

Times Cited in Web of Science Core Collection: 17

Total Times Cited: 17

Accession Number: WOS:A1995TB95900042

ISSN: 0003-6951

Record 180 of 227

Title: EPITAXIAL YBA2CU3O7-DELTA/BAXSR1-XTIO3 HETEROSTRUCTURES ON SILICON-ON-SAPPHIRE FOR TUNABLE MICROWAVE COMPONENTS

Author(s): BOIKOV, YA (BOIKOV, YA); IVANOV, ZG (IVANOV, ZG); KISELEV, AN (KISELEV, AN); OLSSON, E (OLSSON, E); CLAESON, T (CLAESON, T)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 78 **Issue:** 7 **Pages:** 4591-4595 **DOI:** 10.1063/1.359804 **Published:** OCT 1 1995

Times Cited in Web of Science Core Collection: 50

Total Times Cited: 50

Accession Number: WOS:A1995RW89200043

ISSN: 0021-8979

Record 181 of 227

Title: THE STRUCTURE OF ARTIFICIAL GRAIN-BOUNDARIES IN YTTRIUM STABILIZED ZRO2 BICRYSTALS WITH INTERMEDIATE LAYERS

Author(s): VASILIEV, AL (VASILIEV, AL); STEPANTSOV, EA (STEPANTSOV, EA); RODDATIS, VV (RODDATIS, VV); KISELEV, NA (KISELEV, NA); OLSSON, E (OLSSON, E); IVANOV, ZG (IVANOV, ZG); CLAESON, T (CLAESON, T)

Source: PHYSICA STATUS SOLIDI A-APPLIED RESEARCH **Volume:** 151 **Issue:** 1 **Pages:** 151-164 **DOI:** 10.1002/psa.2211510118 **Published:** SEP 16 1995

Times Cited in Web of Science Core Collection: 6

Total Times Cited: 7

Accession Number: WOS:A1995TB13700017

ISSN: 0031-8965

Record 182 of 227

Title: PLANARIZED PATTERNING OF Y-BA-CU-O THIN-FILMS FOR MULTILAYER TECHNOLOGY

Author(s): NILSSON, PA (NILSSON, PA); BRORSSON, G (BRORSSON, G); ORLIAGUET, JM (ORLIAGUET, JM); OLSSON, E (OLSSON, E); OLIN, H (OLIN, H); GUSTAFSSON, M (GUSTAFSSON, M); CLAESON, T (CLAESON, T)

Source: IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY **Volume:** 5 **Issue:** 2 **Pages:** 1653-1656 **DOI:** 10.1109/77.402893 **Part:** 2 **Published:** JUN 1995

Times Cited in Web of Science Core Collection: 2

Total Times Cited: 2

Accession Number: WOS:A1995RP63700127

Conference Title: 1994 Applied Superconductivity Conference

Conference Date: OCT 16-21, 1994

Conference Location: BOSTON, MA

ISSN: 1051-8223

Record 183 of 227

Title: MICROSTRUCTURE AND PROPERTIES OF ARTIFICIAL GRAIN-BOUNDARIES IN EPITAXIAL YBA2CU3O7-DELTA THIN-FILMS GROWN ON [001] TILT Y-ZRO2 BICRYSTALS

Author(s): ALARCO, JA (ALARCO, JA); OLSSON, E (OLSSON, E); IVANOV, ZG (IVANOV, ZG); WINKLER, D (WINKLER, D); STEPANTSOV, EA (STEPANTSOV, EA); LEBEDEV, OI (LEBEDEV, OI); VASILIEV, AL (VASILIEV, AL); TZALENCHUK, AY (TZALENCHUK, AY); KISELEV, NA (KISELEV, NA)

Source: PHYSICA C **Volume:** 247 **Issue:** 3-4 **Pages:** 263-279 **DOI:** 10.1016/0921-4534(95)00209-X **Published:** JUN 1 1995

Times Cited in Web of Science Core Collection: 25

Total Times Cited: 25

Accession Number: WOS:A1995RE85200009

ISSN: 0921-4534

Record 184 of 227

Title: STRUCTURAL ASPECT OF YBA2CU3O7-X FILMS ON SI WITH COMPLEX BARRIER LAYERS

Author(s): VASILIEV, AL (VASILIEV, AL); VANTENDELOO, G (VANTENDELOO, G); AMELINCKX, A (AMELINCKX, A); BOIKOV, Y (BOIKOV, Y); OLSSON, E (OLSSON, E); IVANOV, Z (IVANOV, Z)

Source: PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS **Volume:** 244 **Issue:** 3-4 **Pages:** 373-388 **DOI:** 10.1016/0921-4534(95)00080-1 **Published:** MAR 20 1995

Times Cited in Web of Science Core Collection: 28

Total Times Cited: 28

Accession Number: WOS:A1995QQ29300025

ISSN: 0921-4534

eISSN: 1873-2143

Record 185 of 227

Title: Superconducting thallium cuprate thin films; Processing and characterisation

Author(s): Johansson, LG (Johansson, LG); Langer, V (Langer, V); Stepansov, EA (Stepantsov, EA); Litvinchuk, A (Litvinchuk, A); Borjesson, L (Borjesson, L); Chen, YF (Chen, YF); Claeson, T (Claeson, T); Ivanov, ZG (Ivanov, ZG); Olsson, E (Olsson, E); Tzalenchuk, AY (Tzalenchuk, AY)

Edited by: DewHughes D

Source: APPLIED SUPERCONDUCTIVITY 1995, VOLS. 1 AND 2: VOL 1: PLENARY TALKS AND HIGH CURRENT APPLICATIONS; VOL 2: SMALL SCALE APPLICATIONS **Book Series:** INSTITUTE OF PHYSICS CONFERENCE SERIES **Volume:** 148 **Pages:** 797-800 **Published:** 1995

Times Cited in Web of Science Core Collection: 7

Total Times Cited: 7

Accession Number: WOS:A1995BE67G00187

Conference Title: 2nd European Conference on Applied Superconductivity (EUCAS 1995)

Conference Date: JUL 03-06, 1995

Conference Location: EDINBURGH, SCOTLAND

ISSN: 0951-3248

ISBN: 0-7503-0348-4

Record 186 of 227

Title: Liquid phase growth of Hg HTS layers

Author(s): Gatt, R (Gatt, R); Olsson, E (Olsson, E); Claeson, T (Claeson, T); Plewe, R (Plewe, R); Johansson, LG (Johansson, LG); Morawski, A (Morawski, A); Lada, T (Lada, T); Paszewin, A (Paszewin, A); Molinski, R (Molinski, R); Marciniak, H (Marciniak, H); Berkowski, M (Berkowski, M)

Edited by: DewHughes D

Source: APPLIED SUPERCONDUCTIVITY 1995, VOLS. 1 AND 2: VOL 1: PLENARY TALKS AND HIGH CURRENT APPLICATIONS; VOL 2: SMALL SCALE APPLICATIONS **Book Series:** INSTITUTE OF PHYSICS CONFERENCE SERIES **Volume:** 148 **Pages:** 801-804 **Published:** 1995

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:A1995BE67G00188

Conference Title: 2nd European Conference on Applied Superconductivity (EUCAS 1995)

Conference Date: JUL 03-06, 1995

Conference Location: EDINBURGH, SCOTLAND

ISSN: 0951-3248

ISBN: 0-7503-0348-4

Record 187 of 227

Title: Hg1212 thin films: Synthesis and characterization

Author(s): Gatt, R (Gatt, R); Ivanov, Z (Ivanov, Z); Larsson, P (Larsson, P); Olsson, E (Olsson, E); Claeson, T (Claeson, T); Plewe, R (Plewe, R); Johansson, LG (Johansson, LG)

Edited by: DewHughes D

Source: APPLIED SUPERCONDUCTIVITY 1995, VOLS. 1 AND 2: VOL 1: PLENARY TALKS AND HIGH CURRENT APPLICATIONS; VOL 2: SMALL SCALE APPLICATIONS **Book Series:** INSTITUTE OF PHYSICS CONFERENCE SERIES **Volume:** 148 **Pages:** 809-810 **Published:** 1995

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 4

Accession Number: WOS:A1995BE67G00190

Conference Title: 2nd European Conference on Applied Superconductivity (EUCAS 1995)

Conference Date: JUL 03-06, 1995

Conference Location: EDINBURGH, SCOTLAND

ISSN: 0951-3248

ISBN: 0-7503-0348-4

Record 188 of 227

Title: Properties of Ti2Ba2CaCu2O8 step and bicrystal junctions and dc-SQUIDs on LaAlO3 substrates

Author(s): Chen, YF (Chen, YF); Ivanov, ZG (Ivanov, ZG); Stepansov, EA (Stepantsov, EA); Tzalenchuk, AY (Tzalenchuk, AY); Zarebinski, S (Zarebinski, S); Vasiliev, AL (Vasiliev, AL); Olsson, E (Olsson, E); Yi, HR (Yi, HR); Claeson, T (Claeson, T); Johansson, LG (Johansson, LG)

Edited by: DewHughes D

Source: APPLIED SUPERCONDUCTIVITY 1995, VOLS. 1 AND 2: VOL 1: PLENARY TALKS AND HIGH CURRENT APPLICATIONS; VOL 2: SMALL SCALE APPLICATIONS **Book Series:** INSTITUTE OF PHYSICS CONFERENCE SERIES **Volume:** 148 **Pages:** 1335-1338 **Published:** 1995

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:A1995BE67G00322

Conference Title: 2nd European Conference on Applied Superconductivity (EUCAS 1995)

Conference Date: JUL 03-06, 1995

Conference Location: EDINBURGH, SCOTLAND

ISSN: 0951-3248

ISBN: 0-7503-0348-4

Record 189 of 227

Title: Structural aspects of the combination of Si and YBa2Cu3O7-x

Author(s): Vasiliev, AL (Vasiliev, AL); VanTendeloo, G (VanTendeloo, G); Boikov, Y (Boikov, Y); Olsson, E (Olsson, E); Ivanov, Z (Ivanov, Z); Claeson, T (Claeson, T); Kiselev, NA (Kiselev, NA)

Edited by: Cullis AG; StatonBevan AE

Source: MICROSCOPY OF SEMICONDUCTING MATERIALS 1995 **Book Series:** INSTITUTE OF PHYSICS CONFERENCE SERIES **Volume:** 146 **Pages:** 333-336 **Published:** 1995

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:A1995BE73Q00070

Conference Title: Institute-of-Physics Conference on Microscopy of Semiconducting Materials 1995

Conference Date: MAR 20-23, 1995

Conference Location: OXFORD UNIV, OXFORD, ENGLAND

Conference Host: OXFORD UNIV

ISSN: 0951-3248

ISBN: 0-7503-0347-6

Record 190 of 227

Title: OPTIMIZATION OF GROWTH OF EPITAXIAL TL2BA2CA1CU2O8 SUPERCONDUCTING THIN-FILMS FOR ELECTRONIC DEVICE APPLICATIONS

Author(s): MICHAEL, PC (MICHAEL, PC); JOHANSSON, LG (JOHANSSON, LG); BENGTSSON, L (BENGTSSON, L); CLAESON, T (CLAESON, T); IVANOV, ZG (IVANOV, ZG); OLSSON, E (OLSSON, E); BERASTEGUI, P (BERASTEGUI, P); STEPANTSOV, E (STEPANTSOV, E)

Source: PHYSICA C **Volume:** 235 **Pages:** 717-718 **DOI:** 10.1016/0921-4534(94)91582-2 **Part:** 1 **Published:** DEC 1994

Times Cited in Web of Science Core Collection: 4

Total Times Cited: 4

Accession Number: WOS:A1994QA39000288

ISSN: 0921-4534

Record 191 of 227

Title: SYNTHESIS AND ATOM-PROBE MICROANALYSIS OF YBA2CU3O6+DELTA CERAMICS

Author(s): HU, QH (HU, QH); STILLER, K (STILLER, K); OLSSON, E (OLSSON, E); ANDREN, HO (ANDREN, HO); BERASTEGUI, P (BERASTEGUI, P); JOHANSSON, G (JOHANSSON, G)

Source: PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS **Volume:** 235 **Pages:** 431-432 **DOI:** 10.1016/0921-4534(94)91439-7 **Part:** 1 **Published:** DEC 1994

Times Cited in Web of Science Core Collection: 3

Total Times Cited: 3

Accession Number: WOS:A1994QA39000145

Conference Title: International Conference on Materials and Mechanisms of Superconductivity - High Temperature Superconductors IV (M2S-HTSC IV)

Conference Date: JUL 05-09, 1994

Conference Location: GRENOBLE, FRANCE

ISSN: 0921-4534

eISSN: 1873-2143

Record 192 of 227

Title: Planarized patterns in YBCO thin films

Author(s): Brorsson, G (Brorsson, G.); Nilsson, PA (Nilsson, P. A.); Olsson, E (Olsson, E.); Orliquet, JM (Orliquet, J. M.); Olin, H (Olin, H.); Gustafsson, M (Gustafsson, M.); Claeson, T (Claeson, T.)

Source: PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS **Volume:** 235-40 **Pages:** 3357-3358 **DOI:** 10.1016/0921-4534(94)91205-X **Part:** 5 **Published:** DEC 1994

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:000208381800271

ISSN: 0921-4534

Record 193 of 227

Title: OPTICAL AND ELECTRICAL-PROPERTIES OF RADIO-FREQUENCY SPUTTERED TIN OXIDE-FILMS DOPED WITH OXYGEN VACANCIES, F, SB, OR MO

Author(s): STJERNA, B (STJERNA, B); OLSSON, E (OLSSON, E); GRANQVIST, CG (GRANQVIST, CG)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 76 **Issue:** 6 **Pages:** 3797-3817 **DOI:** 10.1063/1.357383 **Published:** SEP 15 1994

Times Cited in Web of Science Core Collection: 212

Total Times Cited: 216

Accession Number: WOS:A1994PJ11700086

ISSN: 0021-8979

Record 194 of 227

Title: NOVEL SOLID-PHASE EPITAXIAL-GROWTH OF YBA2CU3O7-DELTA FILMS FROM PRECURSOR OXIDES

Author(s): HUSSEY, BW (HUSSEY, BW); GUPTA, A (GUPTA, A); OLSSON, E (OLSSON, E)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 76 **Issue:** 5 **Pages:** 2807-2816 **DOI:** 10.1063/1.357515 **Published:** SEP 1 1994

Times Cited in Web of Science Core Collection: 6

Total Times Cited: 6

Accession Number: WOS:A1994PD44000033

ISSN: 0021-8979

Record 195 of 227

Title: PREPARATION AND PROPERTIES OF TL2BA2CACU2O8 THIN-FILMS

Author(s): JOHANSSON, LG (JOHANSSON, LG); CLAESON, T (CLAESON, T); IVANOV, ZG (IVANOV, ZG); OLIN, H (OLIN, H); OLSSON, E (OLSSON, E); ERTS, D (ERTS, D)

Source: JOURNAL OF SUPERCONDUCTIVITY **Volume:** 7 **Issue:** 4 **Pages:** 767-771 **DOI:** 10.1007/BF00721661 **Published:** AUG 1994

Times Cited in Web of Science Core Collection: 17

Total Times Cited: 17

Accession Number: WOS:A1994PB42500014

ISSN: 0896-1107

Record 196 of 227

Title: YBA2CU3O7-X FILMS ON YTTRIA-STABILIZED ZRO2 SUBSTRATES - INFLUENCE OF THE SUBSTRATE MORPHOLOGY

Author(s): BRORSSON, G (BRORSSON, G); OLSSON, E (OLSSON, E); IVANOV, ZG (IVANOV, ZG); STEPANTSOV, EA (STEPANTSOV, EA); ALARCO, JA (ALARCO, JA); BOIKOV, Y (BOIKOV, Y); CLAESON, T (CLAESON, T); BERASTEGUI, P (BERASTEGUI, P); LANGER, V (LANGER, V); LOFGREN, M (LOFGREN, M)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 75 **Issue:** 12 **Pages:** 7958-7966 **DOI:** 10.1063/1.356557 **Published:** JUN 15 1994

Times Cited in Web of Science Core Collection: 21

Total Times Cited: 21

Accession Number: WOS:A1994NQ98600050

ISSN: 0021-8979

Record 197 of 227**Title:** EARLY STAGES OF GROWTH OF YBA2CU3O7-DELTA HIGH-TC SUPERCONDUCTING FILMS ON (001) Y-ZRO2 SUBSTRATES**Author(s):** ALARCO, JA (ALARCO, JA); BRORSSON, G (BRORSSON, G); OLIN, H (OLIN, H); OLSSON, E (OLSSON, E)**Source:** JOURNAL OF APPLIED PHYSICS **Volume:** 75 **Issue:** 6 **Pages:** 3202-3204 **DOI:** 10.1063/1.356123 **Published:** MAR 15 1994**Times Cited in Web of Science Core Collection:** 28**Total Times Cited:** 28**Accession Number:** WOS:A1994NB41300073

ISSN: 0021-8979

Record 198 of 227**Title:** ORIGIN OF NONUNIFORM PROPERTIES OF YBA2CU3O7-X/CARUO3/YBA2CU3O7-X JOSEPHSON EDGE JUNCTIONS**Author(s):** OLSSON, E (OLSSON, E); CHAR, K (CHAR, K)**Source:** APPLIED PHYSICS LETTERS **Volume:** 64 **Issue:** 10 **Pages:** 1292-1294 **DOI:** 10.1063/1.110868 **Published:** MAR 7 1994**Times Cited in Web of Science Core Collection:** 36**Total Times Cited:** 36**Accession Number:** WOS:A1994MZ17100040

ISSN: 0003-6951

Record 199 of 227**Title:** GROWTH AND PROPERTIES OF YBA2CU3O7-X/(SRTIO3/PRGAO3)/YBA2CU3O7-X TRILAYERS - OPTIMIZATION OF THE INSULATION**Author(s):** BRORSSON, G (BRORSSON, G); OLSSON, E (OLSSON, E); NILSSON, PA (NILSSON, PA); CLAESON, T (CLAESON, T)**Source:** JOURNAL OF APPLIED PHYSICS **Volume:** 75 **Issue:** 2 **Pages:** 827-834 **DOI:** 10.1063/1.356436 **Published:** JAN 15 1994**Times Cited in Web of Science Core Collection:** 9**Total Times Cited:** 9**Accession Number:** WOS:A1994MT49000019

ISSN: 0021-8979

eISSN: 1089-7550

Record 200 of 227**Title:** Defect structures at interfaces between epitaxial YBa2Cu3O7-x thin films and different substrates**Author(s):** BENGTSSON, L (BENGTSSON, L); DANERUD, M (DANERUD, M); OLSSON, E (OLSSON, E)**Edited by:** Jouffrey B; Colliex C**Source:** ELECTRON MICROSCOPY 1994, VOLS 2A AND 2B: APPLICATIONS IN MATERIALS SCIENCES **Pages:** 991-992 **Published:** 1994**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:A1994BE09Y00482**Conference Title:** 13th International Congress on Electron Microscopy**Conference Date:** JUL 17-22, 1994**Conference Location:** PARIS, FRANCE

ISBN: 2-86883-226-1

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 [1 | 2 | 3 | 4 | 5]**Record 201 of 227****Title:** Microstructure of epitaxial YBa₂CuO₇-delta thin films on (001)-tilt Y-ZrO₂ bicrystals**Author(s):** ALARCO, JA (ALARCO, JA); OLSSON, E (OLSSON, E); IVANOV, ZG (IVANOV, ZG); WINKLER, D (WINKLER, D); CLAESON, T (CLAESON, T); STEPANTSOV, EA (STEPANTSOV, EA); LEBEDEV, OI (LEBEDEV, OI); VASILIEV, A (VASILIEV, A); KISELEV, NA (KISELEV, NA)**Edited by:** Jouffrey B; Colliex C**Source:** ELECTRON MICROSCOPY 1994, VOLS 2A AND 2B: APPLICATIONS IN MATERIALS SCIENCES **Pages:** 995-996 **Published:** 1994**Times Cited in Web of Science Core Collection:** 0**Total Times Cited:** 0**Accession Number:** WOS:A1994BE09Y00484**Conference Title:** 13th International Congress on Electron Microscopy**Conference Date:** JUL 17-22, 1994**Conference Location:** PARIS, FRANCE**ISBN:** 2-86883-226-1**Record 202 of 227****Title:** ENGINEERED GRAIN-BOUNDARY JUNCTIONS - CHARACTERISTICS, STRUCTURE, APPLICATIONS**Author(s):** ALARCO, J (ALARCO, J); BOIKOV, Y (BOIKOV, Y); BRORSSON, G (BRORSSON, G); CLAESON, T (CLAESON, T); DAALMANS, G (DAALMANS, G); EDSTAM, J (EDSTAM, J); IVANOV, Z (IVANOV, Z); KAPLUNENKO, VK (KAPLUNENKO, VK); NILSSON, PA (NILSSON, PA); OLSSON, E (OLSSON, E); OLSSON, HK (OLSSON, HK); RAMOS, J (RAMOS, J); STEPANTSOV, E (STEPANTSOV, E); TZALENCHUK, A (TZALENCHUK, A); WINKLER, D (WINKLER, D); ZHANG, YM (ZHANG, YM)**Edited by:** Kaldis E**Source:** MATERIALS AND CRYSTALLOGRAPHIC ASPECTS OF HT(C)-SUPERCONDUCTIVITY **Book Series:** NATO ADVANCED SCIENCE INSTITUTES SERIES, SERIES E, APPLIED SCIENCES **Volume:** 263 **Pages:** 471-490 **Published:** 1994**Times Cited in Web of Science Core Collection:** 7**Total Times Cited:** 7**Accession Number:** WOS:A1994BA54N00023**Conference Title:** NATO Advanced Study Institute on Materials and crystallographic Aspects of HT(c)-Superconductivity**Conference Date:** MAY 17-30, 1993**Conference Location:** ERICE, ITALY**ISSN:** 0168-132X**ISBN:** 0-7923-2773-X**Record 203 of 227****Title:** YBA₂CU₃O₇-DELTA JOSEPHSON-JUNCTIONS ON DIRECTIONALLY ION-BEAM ETCHED MGO SUBSTRATES**Author(s):** RAMOS, J (RAMOS, J); IVANOV, ZG (IVANOV, ZG); OLSSON, E (OLSSON, E); ZAREMBINSKI, S (ZAREMBINSKI, S); CLAESON, T (CLAESON, T)**Source:** APPLIED PHYSICS LETTERS **Volume:** 63 **Issue:** 15 **Pages:** 2141-2143 **DOI:** 10.1063/1.110566 **Published:** OCT 11 1993**Times Cited in Web of Science Core Collection:** 13**Total Times Cited:** 13**Accession Number:** WOS:A1993MA97700044**ISSN:** 0003-6951**Record 204 of 227****Title:** ELIMINATION OF PINHOLES IN EPITAXIAL THIN-FILM YBA₂CU₃O₇-X/SRTIO₃/PRGAO₃ MULTILAYERS**Author(s):** OLSSON, E (OLSSON, E); BRORSSON, G (BRORSSON, G); NILSSON, PA (NILSSON, PA); CLAESON, T (CLAESON, T)**Source:** APPLIED PHYSICS LETTERS **Volume:** 63 **Issue:** 11 **Pages:** 1567-1569 **DOI:** 10.1063/1.110751 **Published:** SEP 13 1993**Times Cited in Web of Science Core Collection:** 7**Total Times Cited:** 7**Accession Number:** WOS:A1993LX16100039**ISSN:** 0003-6951**Record 205 of 227****Title:** YBA₂CU₃O₇/NDGAO₃/YBA₂CU₃O₇ TRILAYERS BY MODIFIED OFF-AXIS SPUTTERING**Author(s):** WANG, SZ (WANG, SZ); OLSSON, E (OLSSON, E); ALARCO, JA (ALARCO, JA); IVANOV, ZG (IVANOV, ZG); WINKLER, D (WINKLER, D); LANGER, V (LANGER, V); BERASTEGUI, P (BERASTEGUI, P)**Source:** JOURNAL OF APPLIED PHYSICS **Volume:** 73 **Issue:** 11 **Pages:** 7543-7548 **DOI:** 10.1063/1.354002 **Published:** JUN 1 1993**Times Cited in Web of Science Core Collection:** 5**Total Times Cited:** 5**Accession Number:** WOS:A1993LE95200080**ISSN:** 0021-8979**Record 206 of 227****Title:** CONTRADICTORY INCREASE OF CRITICAL LAYER THICKNESS IN INXGA₁-XSB/GAAS HETEROSTRUCTURES GROWN BY MBE**Author(s):** OLSSON, E (OLSSON, E); EKENSTEDT, MJ (EKENSTEDT, MJ); WANG, SM (WANG, SM); QU, H (QU, H); ANDERSSON, TG (ANDERSSON, TG)**Source:** ULTRAMICROSCOPY **Volume:** 51 **Issue:** 1-4 **Pages:** 215-220 **DOI:** 10.1016/0304-3991(93)90147-P **Published:** JUN 1993**Times Cited in Web of Science Core Collection:** 1**Total Times Cited:** 1**Accession Number:** WOS:A1993LN79100019**Conference Title:** 4TH CONF ON FRONTIERS OF ELECTRON MICROSCOPY IN MATERIALS SCIENCE**Conference Date:** APR 21-24, 1992**Conference Location:** OAKLAND, CA**ISSN:** 0304-3991**Record 207 of 227****Title:** MICROSTRUCTURE OF AN ARTIFICIAL GRAIN-BOUNDARY WEAK-LINK IN AN YBA₂CU₃O₇-DELTA THIN-FILM GROWN ON A (100)(110), [001]-TILT Y-ZRO₂ BICRYSTAL

Author(s): ALARCO, JA (ALARCO, JA); OLSSON, E (OLSSON, E); IVANOV, ZG (IVANOV, ZG); NILSSON, PA (NILSSON, PA); WINKLER, D (WINKLER, D); STEPANTSOV, EA (STEPANTSOV, EA); TZALENCHUK, AY (TZALENCHUK, AY)

Source: ULTRAMICROSCOPY **Volume:** 51 **Issue:** 1-4 **Pages:** 239-246 **DOI:** 10.1016/0304-3991(93)90150-V **Published:** JUN 1993

Times Cited in Web of Science Core Collection: 60

Total Times Cited: 60

Accession Number: WOS:A1993LN79100022

Conference Title: 4TH CONF ON FRONTIERS OF ELECTRON MICROSCOPY IN MATERIALS SCIENCE

Conference Date: APR 21-24, 1992

Conference Location: OAKLAND, CA

ISSN: 0304-3991

Record 208 of 227

Title: CROSSOVERS AND VIAS IN YBa₂Cu₃O₇/PrGaO₃/YBa₂Cu₃O₇ TRILAYERS

Author(s): Nilsson, PA (Nilsson, P. A.); Brorsson, G (Brorsson, G.); Olsson, E (Olsson, E.); Ivanov, ZG (Ivanov, Z. G.); Claeson, T (Claeson, T)

Source: IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY **Volume:** 3 **Issue:** 1 **Pages:** 2958-2960 **DOI:** 10.1109/77.234022 **Part:** 4 **Published:** MAR 1993

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Accession Number: WOS:000209703300281

ISSN: 1051-8223

eISSN: 1558-2515

Record 209 of 227

Title: DETERMINATION OF IN COMPOSITION IN MOLECULAR-BEAM EPITAXY GROWN INXGA₁-XAS/GAAS HETEROSTRUCTURES

Author(s): WANG, SM (WANG, SM); OLSSON, E (OLSSON, E); TREIDERIS, G (TREIDERIS, G); ANDERSSON, TG (ANDERSSON, TG)

Source: JOURNAL OF CRYSTAL GROWTH **Volume:** 127 **Issue:** 1-4 **Pages:** 616-618 **DOI:** 10.1016/0022-0248(93)90695-S **Published:** FEB 1993

Times Cited in Web of Science Core Collection: 1

Total Times Cited: 1

Accession Number: WOS:A1993KZ45300132

Conference Title: 7TH INTERNATIONAL CONF ON MOLECULAR BEAM EPITAXY (MBE-7)

Conference Date: AUG 24-28, 1992

Conference Location: SCHWABISCH, GERMANY

ISSN: 0022-0248

Record 210 of 227

Title: CROSSOVERS AND VIAS IN YBA₂CU₃O₇/PRGAO₃/YBA₂CU₃O₇ TRILAYERS

Author(s): NILSSON, PA (NILSSON, PA); BRORSSON, G (BRORSSON, G); OLSSON, E (OLSSON, E); IVANOV, ZG (IVANOV, ZG); CLAESON, T (CLAESON, T)

Edited by: VanDuzer T

Source: IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, VOL 3, NO 1, MARCH 1993 PTS 2-4 **Pages:** 2958-2960 **Published:** 1993

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:A1993BZ49H00696

Conference Title: 1992 Applied Superconductivity Conference

Conference Date: AUG 23-28, 1992

Conference Location: CHICAGO, IL

Record 211 of 227

Title: DEVELOPMENT OF FUNCTIONAL MICROSTRUCTURE DURING SINTERING OF A ZNO VARISTOR MATERIAL

Author(s): OLSSON, E (OLSSON, E); DUNLOP, G (DUNLOP, G); OSTERLUND, R (OSTERLUND, R)

Source: JOURNAL OF THE AMERICAN CERAMIC SOCIETY **Volume:** 76 **Issue:** 1 **Pages:** 65-71 **DOI:** 10.1111/j.1151-2916.1993.tb03690.x **Published:** JAN 1993

Times Cited in Web of Science Core Collection: 64

Total Times Cited: 67

Accession Number: WOS:A1993LD47400007

ISSN: 0002-7820

Record 212 of 227

Title: EFFECTS OF SUBSTRATE-TEMPERATURE ON THE MICROSTRUCTURE OF YBA₂CU₃O₇-DELTA FILMS GROWN ON (001) Y-ZRO₂ SUBSTRATES

Author(s): ALARCO, JA (ALARCO, JA); BRORSSON, G (BRORSSON, G); IVANOV, ZG (IVANOV, ZG); NILSSON, PA (NILSSON, PA); OLSSON, E (OLSSON, E); LOFGREN, M (LOFGREN, M)

Source: APPLIED PHYSICS LETTERS **Volume:** 61 **Issue:** 6 **Pages:** 723-725 **DOI:** 10.1063/1.107779 **Published:** AUG 10 1992

Times Cited in Web of Science Core Collection: 30

Total Times Cited: 30

Accession Number: WOS:A1992JG94600035

ISSN: 0003-6951

Record 213 of 227

Title: LASER-DEPOSITED PRGAO₃ FILMS ON SR_{TIO}₃ SUBSTRATES AND IN YBA₂CU₃O₇/PRGAO₃/YBA₂CU₃O₇ TRILAYERS

Author(s): BRORSSON, G (BRORSSON, G); NILSSON, PA (NILSSON, PA); OLSSON, E (OLSSON, E); WANG, SZ (WANG, SZ); CLAESON, T (CLAESON, T); LOFGREN, M (LOFGREN, M)

Source: APPLIED PHYSICS LETTERS **Volume:** 61 **Issue:** 4 **Pages:** 486-488 **DOI:** 10.1063/1.107865 **Published:** JUL 27 1992

Times Cited in Web of Science Core Collection: 13

Total Times Cited: 13

Accession Number: WOS:A1992JE82100039

ISSN: 0003-6951

Record 214 of 227

Title: GROWTH AND PROPERTIES OF A MULTILAYER SYSTEM BASED ON Y₁BA₂CU₃O_X AND AMORPHOUS Y-ZRO₂

Author(s): BOIKOV, Y (BOIKOV, Y); IVANOV, ZG (IVANOV, ZG); OLSSON, E (OLSSON, E); ALARCO, JA (ALARCO, JA); BRORSSON, G (BRORSSON, G); CLAESON, T (CLAESON, T)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 72 **Issue:** 1 **Pages:** 199-202 **DOI:** 10.1063/1.352157 **Published:** JUL 1 1992

Times Cited in Web of Science Core Collection: 8

Total Times Cited: 8

Accession Number: WOS:A1992JB34700033

ISSN: 0021-8979

Record 215 of 227

Title: CRACKING OF BRITTLE FILMS ON ELASTIC SUBSTRATES

Author(s): THOULESS, MD (THOULESS, MD); OLSSON, E (OLSSON, E); GUPTA, A (GUPTA, A)

Source: ACTA METALLURGICA ET MATERIALIA **Volume:** 40 **Issue:** 6 **Pages:** 1287-1292 **DOI:** 10.1016/0956-7151(92)90429-I **Published:** JUN 1992

Times Cited in Web of Science Core Collection: 108

Total Times Cited: 109

Accession Number: WOS:A1992HW52400020

ISSN: 0956-7151

Record 216 of 227

Title: INXGA1-XSB/GAAS QUANTUM-WELL STRUCTURES GROWN BY MOLECULAR-BEAM EPITAXY

Author(s): EKENSTEDT, MJ (EKENSTEDT, MJ); OLSSON, E (OLSSON, E); TREIDERIS, G (TREIDERIS, G); ANDERSSON, TG (ANDERSSON, TG); WANG, SM (WANG, SM); QU, H (QU, H)

Source: SUPERLATTICES AND MICROSTRUCTURES **Volume:** 12 **Issue:** 3 **Pages:** 341-345 **DOI:** 10.1016/0749-6036(92)90278-D **Published:** 1992

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:A1992KA76000015

ISSN: 0749-6036

Record 217 of 227

Title: OBSERVATION OF A VORTEX-GLASS PHASE IN POLYCRYSTALLINE YBA2CU3O7-X IN A MAGNETIC-FIELD

Author(s): WORTHINGTON, TK (WORTHINGTON, TK); OLSSON, E (OLSSON, E); NICHOLS, CS (NICHOLS, CS); SHAW, TM (SHAW, TM); CLARKE, DR (CLARKE, DR)

Source: PHYSICAL REVIEW B **Volume:** 43 **Issue:** 13 **Pages:** 10538-10543 **DOI:** 10.1103/PhysRevB.43.10538 **Part:** A **Published:** MAY 1 1991

Times Cited in Web of Science Core Collection: 104

Total Times Cited: 104

Accession Number: WOS:A1991FL03900063

ISSN: 1098-0121

Record 218 of 227

Title: CRACK FORMATION IN EPITAXIAL [110] THIN-FILMS OF YBA2CU3O7-DELTA AND PRBA2CU3O7-X ON [110]SRTIO3 SUBSTRATES

Author(s): OLSSON, E (OLSSON, E); GUPTA, A (GUPTA, A); THOULESS, MD (THOULESS, MD); SEGMULLER, A (SEGMULLER, A); CLARKE, DR (CLARKE, DR)

Source: APPLIED PHYSICS LETTERS **Volume:** 58 **Issue:** 15 **Pages:** 1682-1684 **DOI:** 10.1063/1.105110 **Published:** APR 15 1991

Times Cited in Web of Science Core Collection: 60

Total Times Cited: 60

Accession Number: WOS:A1991FG03400036

ISSN: 0003-6951

Record 219 of 227

Title: CRITICAL CURRENT-DENSITY OF STRAINED MULTILAYER THIN-FILMS OF ND1.83CE0.17CUOX YBA2CU3O7-DELTA

Author(s): GROSS, R (GROSS, R); GUPTA, A (GUPTA, A); OLSSON, E (OLSSON, E); SEGMULLER, A (SEGMULLER, A); KOREN, G (KOREN, G)

Source: APPLIED PHYSICS LETTERS **Volume:** 57 **Issue:** 2 **Pages:** 203-205 **DOI:** 10.1063/1.104216 **Published:** JUL 9 1990

Times Cited in Web of Science Core Collection: 32

Total Times Cited: 32

Accession Number: WOS:A1990DM38300034

ISSN: 0003-6951

Record 220 of 227

Title: HETEROEPITAXIAL GROWTH OF STRAINED MULTILAYER SUPERCONDUCTING THIN-FILMS OF ND1.83CE0.17CUOX YBA2CU3O7-DELTA

Author(s): GUPTA, A (GUPTA, A); GROSS, R (GROSS, R); OLSSON, E (OLSSON, E); SEGMULLER, A (SEGMULLER, A); KOREN, G (KOREN, G); TSUEL, CC (TSUEL, CC)

Source: PHYSICAL REVIEW LETTERS **Volume:** 64 **Issue:** 26 **Pages:** 3191-3194 **DOI:** 10.1103/PhysRevLett.64.3191 **Published:** JUN 25 1990

Times Cited in Web of Science Core Collection: 84

Total Times Cited: 84

Accession Number: WOS:A1990DK65900023

ISSN: 0031-9007

Record 221 of 227

Title: DEVELOPMENT OF INTERFACIAL MICROSTRUCTURE DURING COOLING OF A ZNO VARISTOR MATERIAL

Author(s): OLSSON, E (OLSSON, E); DUNLOP, GL (DUNLOP, GL); OSTERLUND, R (OSTERLUND, R)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 66 **Issue:** 10 **Pages:** 5072-5077 **DOI:** 10.1063/1.343783 **Published:** NOV 15 1989

Times Cited in Web of Science Core Collection: 31

Total Times Cited: 31

Accession Number: WOS:A1989AZ31100081

ISSN: 0021-8979

Record 222 of 227

Title: THE EFFECT OF BI2O3 CONTENT ON THE MICROSTRUCTURE AND ELECTRICAL-PROPERTIES OF ZNO VARISTOR MATERIALS

Author(s): OLSSON, E (OLSSON, E); DUNLOP, GL (DUNLOP, GL)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 66 **Issue:** 9 **Pages:** 4317-4324 **DOI:** 10.1063/1.343978 **Published:** NOV 1 1989

Times Cited in Web of Science Core Collection: 77

Total Times Cited: 81

Accession Number: WOS:A1989AX60100050

ISSN: 0021-8979

Record 223 of 227

Title: CHARACTERIZATION OF INDIVIDUAL INTERFACIAL BARRIERS IN A ZNO VARISTOR MATERIAL

Author(s): OLSSON, E (OLSSON, E); DUNLOP, GL (DUNLOP, GL)

Source: JOURNAL OF APPLIED PHYSICS **Volume:** 66 **Issue:** 8 **Pages:** 3666-3675 **DOI:** 10.1063/1.344453 **Published:** OCT 15 1989

Times Cited in Web of Science Core Collection: 163

Total Times Cited: 165

Accession Number: WOS:A1989AW23200040

ISSN: 0021-8979

Record 224 of 227

Title: THE MICROSTRUCTURE OF A BI-CA-SR-CU-O HIGH-TC SUPERCONDUCTOR PRODUCED BY RAPID SOLIDIFICATION

Author(s): LIU, P (LIU, P); KNUTSON, M (KNUTSON, M); LIU, ZY (LIU, ZY); OLSSON, E (OLSSON, E); DUNLOP, GL (DUNLOP, GL)

Source: SUPERCONDUCTOR SCIENCE & TECHNOLOGY **Volume:** 1 **Issue:** 5 **Pages:** 254-259 **DOI:** 10.1088/0953-2048/1/5/007 **Published:** 1989

Times Cited in Web of Science Core Collection: 5

Total Times Cited: 5

Accession Number: WOS:A1989T426200007

ISSN: 0953-2048

Record 225 of 227

Title: THE MICROSTRUCTURE OF A ZNO VARISTOR MATERIAL

Author(s): OLSSON, E (OLSSON, E); FALK, LKL (FALK, LKL); DUNLOP, GL (DUNLOP, GL); OSTERLUND, R (OSTERLUND, R)

Source: JOURNAL OF MATERIALS SCIENCE **Volume:** 20 **Issue:** 11 **Pages:** 4091-4098 **DOI:** 10.1007/BF00552403 **Published:** 1985

Times Cited in Web of Science Core Collection: 88

Total Times Cited: 91

Accession Number: WOS:A1985ATN4300035

ISSN: 0022-2461

Record 226 of 227

Title: ANALYTICAL ELECTRON-MICROSCOPY OF A HEAT-TREATED ZNO VARISTOR MATERIAL

Author(s): OLSSON, E (OLSSON, E); DUNLOP, GL (DUNLOP, GL)

Source: ULTRAMICROSCOPY **Volume:** 17 **Issue:** 2 **Pages:** 179-179 **DOI:** 10.1016/0304-3991(85)90055-5 **Published:** 1985

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:A1985ATH3500053

ISSN: 0304-3991

Record 227 of 227

Title: ANALYTICAL ELECTRON-MICROSCOPY OF ZNO VARISTOR MATERIAL

Author(s): OLSSON, E (OLSSON, E); FALK, LKL (FALK, LKL); DUNLOP, GL (DUNLOP, GL)

Source: ULTRAMICROSCOPY **Volume:** 13 **Issue:** 4 **Pages:** 425-425 **DOI:** 10.1016/0304-3991(84)90025-1 **Published:** 1984

Times Cited in Web of Science Core Collection: 0

Total Times Cited: 0

Accession Number: WOS:A1984TM07200024

ISSN: 0304-3991

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