J M De Teresa

List of Publications by Year in descending order

218 papers	10,700 citations	36303 51 h-index	37204 96 g-index
224 all docs	224 docs citations	224 times ranked	8925 citing authors

#	Article	IF	Citations
1	Low-resistivity Pd nanopatterns created by a direct electron beam irradiation process free of post-treatment steps. Nanotechnology, 2022, 33, 405302.	2.6	3
2	Superconducting Materials and Devices Grown by Focused Ion and Electron Beam Induced Deposition. Nanomaterials, 2022, 12, 1367.	4.1	10
3	High-Throughput Direct Writing of Metallic Micro- and Nano-Structures by Focused Ga⁺ Beam Irradiation of Palladium Acetate Films. ACS Applied Materials & Interfaces, 2022, 14, 28211-28220.	8.0	4
4	Focused-Electron-Beam Engineering of 3D Magnetic Nanowires. Nanomaterials, 2021, 11, 402.	4.1	14
5	Omnipresence of Weak Antilocalization (WAL) in Bi2Se3 Thin Films: A Review on Its Origin. Nanomaterials, 2021, 11, 1077.	4.1	13
6	Critical current modulation induced by an electric field in superconducting tungsten-carbon nanowires. Scientific Reports, 2021, 11, 17698.	3.3	19
7	Highly-efficient growth of cobalt nanostructures using focused ion beam induced deposition under cryogenic conditions: application to electrical contacts on graphene, magnetism and hard masking. Nanoscale Advances, 2021, 3, 5656-5662.	4.6	5
8	Superconducting properties of in-plane W-C nanowires grown by He⁺ focused ion beam induced deposition. Nanotechnology, 2021, 32, 085301.	2.6	8
9	Magnetic Functionalization of Scanning Probes by Focused Electron Beam Induced Deposition Technology. Magnetochemistry, 2021, 7, 140.	2.4	5
10	Cryo-Focused Ion Beam-Induced Deposition of Tungstenâ€“Carbon Nanostructures Using a Thermoelectric Plate. Applied Sciences (Switzerland), 2021, 11, 10123.	2.5	6
11	Optimization of Pt-C Deposits by Cryo-FIBID: Substantial Growth Rate Increase and Quasi-Metallic Behaviour. Nanomaterials, 2020, 10, 1906.	4.1	8
12	Writing 3D Nanomagnets Using Focused Electron Beams. Materials, 2020, 13, 3774.	2.9	61
13	3D superconducting hollow nanowires with tailored diameters grown by focused He⁺ beam direct writing. Beilstein Journal of Nanotechnology, 2020, 11, 1198-1206.	2.8	9
14	Topotactic transformation in SrFeO3â^' Î´ triggered by low-dose Ga+ focused ion irradiation. Applied Physics Letters, 2020, 116, .	3.3	8
15	Half-hedgehog spin textures in sub-100 nm soft magnetic nanodots. Nanoscale, 2020, 12, 18646-18653.	5.6	15
16	Artificial Double-Helix for Geometrical Control of Magnetic Chirality. ACS Nano, 2020, 14, 8084-8092.	14.6	58
17	Customized MFM probes based on magnetic nanorods. Nanoscale, 2020, 12, 10090-10097.	5.6	25
18	Nanowire Magnetic Force Sensors Fabricated by Focused-Electron-Beam-Induced Deposition. Physical Review Applied, 2020, 13, .	3.8	18

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19	Disordered hyperuniformity in superconducting vortex lattices. Physical Review Research, 2020, 2, .	3.6	6
20	Diameter modulation of 3D nanostructures in focused electron beam induced deposition using local electric fields and beam defocus. Nanotechnology, 2019, 30, 505302.	2.6	12
21	Three-Dimensional Superconducting Nanohelices Grown by He⁺-Focused-Ion-Beam Direct Writing. Nano Letters, 2019, 19, 8597-8604.	9.1	52
22	Mass Sensing for the Advanced Fabrication of Nanomechanical Resonators. Nano Letters, 2019, 19, 6987-6992.	9.1	35
23	Long-range vortex transfer in superconducting nanowires. Scientific Reports, 2019, 9, 12386.	3.3	18
24	Ultra-fast direct growth of metallic micro- and nano-structures by focused ion beam irradiation. Scientific Reports, 2019, 9, 14076.	3.3	31
25	In situ real-time annealing of ultrathin vertical Fe nanowires grown by focused electron beam induced deposition. Acta Materialia, 2019, 174, 379-386.	7.9	17
26	Comparison between Focused Electron/Ion Beam-Induced Deposition at Room Temperature and under Cryogenic Conditions. Micromachines, 2019, 10, 799.	2.9	24
27	High Volume-Per-Dose and Low Resistivity of Cobalt Nanowires Grown by Ga+ Focused Ion Beam Induced Deposition. Nanomaterials, 2019, 9, 1715.	4.1	13
28	Vertical Growth of Superconducting Crystalline Hollow Nanowires by He⁺ Focused Ion Beam Induced Deposition. Nano Letters, 2018, 18, 1379-1386.	9.1	66
29	Chemical and structural analysis of sub-20Ânm graphene patterns generated by scanning probe lithography. Carbon, 2018, 129, 281-285.	10.3	18
30	Purified and Crystalline Three-Dimensional Electron-Beam-Induced Deposits: The Successful Case of Cobalt for High-Performance Magnetic Nanowires. ACS Applied Nano Materials, 2018, 1, 38-46.	5.0	29
31	NanoSQUID Magnetometry on Individual As-grown and Annealed Co Nanowires at Variable Temperature. Nano Letters, 2018, 18, 7674-7682.	9.1	29
32	Hybrid TiO2-Graphene nanoribbon photoanodes to improve the photoconversion efficiency of dye sensitized solar cells. Journal of Power Sources, 2018, 396, 566-573.	7.8	38
33	Transmission XMCD-PEEM imaging of an engineered vertical FEBID cobalt nanowire with a domain wall. Nanotechnology, 2018, 29, 045704.	2.6	16
34	Proximity-induced superconductivity in bismuth nanostripes. Journal Physics D: Applied Physics, 2017, 50, 12LT02.	2.8	6
35	55Mn NMR observation of colossal magnetoresistance effect in Sm0.55Sr0.45MnO3. Journal of Physics Condensed Matter, 2017, 29, 265802.	1.8	1
36	Tuning shape, composition and magnetization of 3D cobalt nanowires grown by focused electron beam induced deposition (FEBID). Journal Physics D: Applied Physics, 2017, 50, 18LT01.	2.8	43

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37	Allâ€Carbon Electrode Molecular Electronic Devices Based on Langmuirâ€“Blodgett Monolayers. Small, 2017, 13, 1603207.	10.0	16
38	Suspended tungsten-based nanowires with enhanced mechanical properties grown by focused ion beam induced deposition. Nanotechnology, 2017, 28, 445301.	2.6	14
39	Competition between Superconductor â€“ Ferromagnetic stray magnetic fields in YBa2Cu3O7â^'x films pierced with Co nano-rods. Scientific Reports, 2017, 7, 5663.	3.3	21
40	Functionalized Akiyama tips for magnetic force microscopy measurements. Measurement Science and Technology, 2017, 28, 125401.	2.6	13
41	Structurally Oriented Nano-Sheets in Co Thin Films: Changing Their Anisotropic Physical Properties by Thermally-Induced Relaxation. Materials, 2017, 10, 1390.	2.9	5
42	Magnetic properties of optimized cobalt nanospheres grown by focused electron beam induced deposition (FEBID) on cantilever tips. Beilstein Journal of Nanotechnology, 2017, 8, 2106-2115.	2.8	20
43	Chemical solution synthesis and ferromagnetic resonance of epitaxial thin films of yttrium iron garnet. Physical Review Materials, 2017, 1, .	2.4	13
44	In Situ Lorentz Microscopy and Electron Holography Magnetization Studies of Ferromagnetic Focused Electron Beam Induced Nanodeposits. , 2017, , 305-338.		0
45	Thickness-modulated tungstenâ€“carbon superconducting nanostructures grown by focused ion beam induced deposition for vortex pinning up to high magnetic fields. Beilstein Journal of Nanotechnology, 2016, 7, 1698-1708.	2.8	7
46	Plasmonic control of extraordinary optical transmission in the infrared regime. Nanotechnology, 2016, 27, 505202.	2.6	9
47	Review of magnetic nanostructures grown by focused electron beam induced deposition (FEBID). Journal Physics D: Applied Physics, 2016, 49, 243003.	2.8	124
48	Electrical conductivity of oxidized-graphenic nanoplatelets obtained from bamboo: effect of the oxygen content. Nanotechnology, 2016, 27, 365708.	2.6	35
49	Origin of inverse Rashba-Edelstein effect detected at the Cu/Bi interface using lateral spin valves. Physical Review B, 2016, 93, .	3.2	87
50	Three-dimensional coreâ€“shell ferromagnetic nanowires grown by focused electron beam induced deposition. Nanotechnology, 2016, 27, 285302.	2.6	33
51	The nature of grapheneâ€“metal bonding probed by Raman spectroscopy: the special case of cobalt. Journal Physics D: Applied Physics, 2016, 49, 105301.	2.8	22
52	Antiferromagnetism atT>500Kin the layered hexagonal ruthenateSrRu2O6. Physical Review B, 2015, 92, .	3.2	43
53	Influence of the shape and surface oxidation in the magnetization reversal of thin iron nanowires grown by focused electron beam induced deposition. Beilstein Journal of Nanotechnology, 2015, 6, 1319-1331.	2.8	23
54	Focused Electron and Ion Beam Induced Deposition on Flexible and Transparent Polycarbonate Substrates. ACS Nano, 2015, 9, 6139-6146.	14.6	68

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55	Control of the spin to charge conversion using the inverse Rashba-Edelstein effect. Applied Physics Letters, 2015, 106, .	3.3	66
56	3D Magnetic Induction Maps of Nanoscale Materials Revealed by Electron Holographic Tomography. Chemistry of Materials, 2015, 27, 6771-6778.	6.7	64
57	Observation of the Strain Induced Magnetic Phase Segregation in Manganite Thin Films. Nano Letters, 2015, 15, 492-497.	9.1	35
58	Combining Micromanipulation, Kerr Magnetometry and Magnetic Force Microscopy for Characterization of Three-Dimensional Magnetic Nanostructures. , 2015, , 531-559.		0
59	Magnetic properties of cobalt microwires measured by piezoresistive cantilever magnetometry. Nanofabrication, 2014, 1, .	1.1	3
60	Mechanical magnetometry of Cobalt nanospheres deposited by focused electron beam at the tip of ultra-soft cantilevers. Nanofabrication, 2014, 1, .	1.1	23
61	Present and future applications of magnetic nanostructures grown by FEBID. Applied Physics A: Materials Science and Processing, 2014, 117, 1645-1658.	2.3	34
62	Nanostructuring superconducting vortex matter with focused ion beams. Physica C: Superconductivity and Its Applications, 2014, 503, 70-74.	1.2	4
63	Enhanced Magnetotransport in Nanopatterned Manganite Nanowires. Nano Letters, 2014, 14, 423-428.	9.1	16
64	Enhancement of long-range correlations in a 2DÂvortex lattice by an incommensurate 1D disorderÂpotential. Nature Physics, 2014, 10, 851-856.	16.7	69
65	Arrays of Densely Packed Isolated Nanowires by Focused Beam Induced Deposition Plus Ar⁺ Milling. ACS Nano, 2014, 8, 3788-3795.	14.6	27
66	Fabrication of cobalt trifluoride (CoF3) phase from metallic cobalt by XeF2-assisted Focused Electron Beam Induced Processing. Microelectronic Engineering, 2014, 125, 78-82.	2.4	5
67	Quantitative in situ magnetization reversal studies in Lorentz microscopy and electron holography. Ultramicroscopy, 2013, 134, 144-154.	1.9	25
68	Improvement of domain wall conduit properties in cobalt nanowires by global gallium irradiation. Nanotechnology, 2013, 24, 345703.	2.6	14
69	Conductance steps in electromigrated Bi nanoconstrictions. Physical Chemistry Chemical Physics, 2013, 15, 5132.	2.8	6
70	Correlations among magnetic, electrical and magneto-transport properties of NiFe nanohole arrays. Journal of Physics Condensed Matter, 2013, 25, 066007.	1.8	7
71	Spin-to-charge conversion using Rashba coupling at the interface between non-magnetic materials. Nature Communications, 2013, 4, 2944.	12.8	661
72	Modification of domain-wall propagation in Co nanowires via Ga+ irradiation. European Physical Journal B, 2013, 86, 1.	1.5	15

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73	Magnetic field-induced dissipation-free state in superconducting nanostructures. Nature Communications, 2013, 4, 1437.	12.8	90
74	Optimized cobalt nanowires for domain wall manipulation imaged by in situ Lorentz microscopy. Applied Physics Letters, 2013, 102, .	3.3	23
75	Nanoscale Electrical Contacts Grown by Focused Ion Beam (FIB)-Induced Deposition. Lecture Notes in Nanoscale Science and Technology, 2013, , 95-122.	0.8	3
76	Three dimensional magnetic nanowires grown by focused electron-beam induced deposition. Scientific Reports, 2013, 3, 1492.	3.3	148
77	Giant anomalous Hall effect in Fe-based microwires grown by focused-electron-beam-induced deposition. Journal Physics D: Applied Physics, 2012, 45, 035001.	2.8	24
78	Magnetic Properties of Epitaxial Discontinuous Fe/MgO Multilayers. Journal of Nanoscience and Nanotechnology, 2012, 12, 7505-7509.	0.9	1
79	Tailoring the physical properties of thin nanohole arrays grown on flat anodic aluminum oxide templates. Nanotechnology, 2012, 23, 425701.	2.6	23
80	GMR sensors and magnetic nanoparticles for immuno-chromatographic assays. Journal of Magnetism and Magnetic Materials, 2012, 324, 3495-3498.	2.3	75
81	Autocatalytic growth of Co on pure Co surfaces using Co2(CO)8 precursor. Applied Surface Science, 2012, 263, 242-246.	6.1	10
82	Correlation between the magnetic imaging of cobalt nanoconstrictions and their magnetoresistance response. Nanotechnology, 2012, 23, 105703.	2.6	9
83	Quantitative biomolecular sensing station based on magnetoresistive patterned arrays. Biosensors and Bioelectronics, 2012, 35, 206-212.	10.1	46
84	Tunneling magnetoresistance in epitaxial discontinuous Fe/MgO multilayers. Applied Physics Letters, 2011, 98, 122502.	3.3	10
85	Enhanced exchange and reduced magnetization of Gd in an Fe/Gd/Fe trilayer. Physical Review B, 2011, 84, .	3.2	13
86	Quantitative analysis of the weak anti-localization effect in ultrathin bismuth films. Europhysics Letters, 2011, 95, 37002.	2.0	21
87	Ultrasmall Functional Ferromagnetic Nanostructures Grown by Focused Electron-Beam-Induced Deposition. ACS Nano, 2011, 5, 7781-7787.	14.6	105
88	Distinguishing magnetic and electrostatic interactions by a Kelvin probe force microscopyâ€“magnetic force microscopy combination. Beilstein Journal of Nanotechnology, 2011, 2, 552-560.	2.8	62
89	Investigation of the influence on graphene by using electron-beam and photo-lithography. Solid State Communications, 2011, 151, 1574-1578.	1.9	49
90	Hysteresis loops of individual Co nanostripes measured by magnetic force microscopy. Nanoscale Research Letters, 2011, 6, 407.	5.7	47

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91	Nanoscale chemical and structural study of Co-based FEBID structures by STEM-EELS and HRTEM. Nanoscale Research Letters, 2011, 6, 592.	5.7	48
92	Quantification and minimization of disorder caused by focused electron beam induced deposition of cobalt on graphene. Microelectronic Engineering, 2011, 88, 2063-2065.	2.4	5
93	Ferromagnetâ€“superconductor nanocontacts grown by focused electron/ion beam techniques for current-in-plane Andreev Reflection measurements. Solid State Communications, 2011, 151, 37-41.	1.9	20
94	Fe:O:C grown by focused-electron-beam-induced deposition: magnetic and electric properties. Nanotechnology, 2011, 22, 025302.	2.6	47
95	Focused electron beam induced etching of titanium with XeF₂. Nanotechnology, 2011, 22, 265304.	2.6	20
96	Anisotropic magnetotransport in SrTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>surface electron gases generated by Ar<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow /><mml:mrow><mml:mo>+</mml:mo></mml:mrow	3.2	40
97	Direct Observation of Stress Accumulation and Relaxation in Small Bundles of Superconducting Vortices in Tungsten Thin Films. Physical Review Letters, 2011, 106, 077001.	7.8	27
98	Andreev reflection under high magnetic fields in ferromagnet-superconductor nanocontacts. Physical Review B, 2011, 84, .	3.2	9
99	Tunneling magnetoresistance in Fe/MgO granular multilayers. Journal of Applied Physics, 2010, 107, 033704.	2.5	18
100	Effects of La, Nd and Sm substitution of Sr in Sr2CrReO6 on the structural, magnetic and transport properties. Solid State Sciences, 2010, 12, 1121-1130.	3.2	11
101	High-purity cobalt nanostructures grown by focused-electron-beam-induced deposition at low current. Microelectronic Engineering, 2010, 87, 1550-1553.	2.4	67
102	Structural and magnetotransport properties of Bi thin films grown by thermal evaporation. Journal of Magnetism and Magnetic Materials, 2010, 322, 1460-1463.	2.3	12
103	Growth of Sr2CrReO6 epitaxial thin films by pulsed laser deposition. Journal of Magnetism and Magnetic Materials, 2010, 322, 1217-1220.	2.3	14
104	Structural and magnetic properties of amorphous iron oxide. Physica B: Condensed Matter, 2010, 405, 1202-1206.	2.7	15
105	Fe₃O₄ Epitaxial Thin Films and Heterostructures: Magnetotransport and Magnetic Properties. Advances in Science and Technology, 2010, 67, 82-91.	0.2	6
106	Weak-antilocalization signatures in the magnetotransport properties of individual electrodeposited Bi Nanowires. Applied Physics Letters, 2010, 96, .	3.3	31
107	Origin of the giant magnetic moment in epitaxial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>films. Physical Review B, 2010, 81, .	3.2	75
108	Role of the surface states in the magnetotransport properties of ultrathin bismuth films. Physical Review B, 2010, 82, .	3.2	44

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109	High Conductivity in Hydrothermally Grown AgCuO₂ Single Crystals Verified Using Focused-Ion-Beam-Deposited Nanocontacts. Inorganic Chemistry, 2010, 49, 10977-10983.	4.0	22
110	Determination of the percolation threshold in Fe/MgO magnetic granular multilayers. Journal of Physics Condensed Matter, 2010, 22, 056003.	1.8	11
111	Field-induced magnetostructural phase transition in double perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ca</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>FeReO6 via x-ray magnetic circular dichroism. Physical Review B, 2009, 79, .	3.2	20
112	Anomalous Hall effect in Fe (001) epitaxial thin films over a wide range in conductivity. Physical Review B, 2009, 79, .	3.2	74
113	Metal-insulator transition in Pt-C nanowires grown by focused-ion-beam-induced deposition. Physical Review B, 2009, 79, .	3.2	57
114	High-field Hall effect and magnetoresistance in Fe3O4 epitaxial thin films up to 30 Tesla. Applied Physics Letters, 2009, 95, .	3.3	26
115	Magnetic properties of Feâˆ•MgO granular multilayers prepared by pulsed laser deposition. Journal of Applied Physics, 2009, 105, 063909.	2.5	30
116	Magnetotransport properties of high-quality cobalt nanowires grown by focused-electron-beam-induced deposition. Journal Physics D: Applied Physics, 2009, 42, 055005.	2.8	145
117	Magnetization reversal in individual cobalt micro- and nanowires grown by focused-electron-beam-induced-deposition. Nanotechnology, 2009, 20, 475704.	2.6	60
118	Origin of the Difference in the Resistivity of As-Grown Focused-Ion- and Focused-Electron-Beam-Induced Pt Nanodeposits. Journal of Nanomaterials, 2009, 2009, 1-11.	2.7	83
119	Tunneling and anisotropic-tunneling magnetoresistance in iron nanoconstrictions fabricated by focused-ion-beam. Materials Research Society Symposia Proceedings, 2009, 1181, 1.	0.1	1
120	Transport properties of superconducting amorphous W-based nanowires fabricated by focused-ion-beam-induced-deposition for applications in Nanotechnology. Materials Research Society Symposia Proceedings, 2009, 1180, 1.	0.1	13
121	Direct observation of melting in a two-dimensional superconducting vortex lattice. Nature Physics, 2009, 5, 651-655.	16.7	115
122	Magnetoresistance between oxidized Co-rich particles grown by high current electrochemical deposition. Solid State Communications, 2009, 149, 2043-2046.	1.9	0
123	Creation of stable nanoconstrictions in metallic thin films via progressive narrowing by focused-ion-beam technique and in situ control of resistance. Microelectronic Engineering, 2009, 86, 639-641.	2.4	5
124	Domain wall conduit behavior in cobalt nanowires grown by focused electron beam induced deposition. Applied Physics Letters, 2009, 94, 192509.	3.3	63
125	Superconducting density of states at the border of an amorphous thin film grown by focused-ion-beam. Journal of Physics: Conference Series, 2009, 150, 052064.	0.4	7
126	Nanotubes Made from Deeply Undercooled Cryolite/Alumina Melts. Helvetica Chimica Acta, 2008, 91, 1389-1399.	1.6	3

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127	The influence of single-walled carbon nanotube functionalization on the electronic properties of their polyaniline composites. Carbon, 2008, 46, 1909-1917.	10.3	64
128	Correlation between the synthesis conditions and the compositional and magnetic properties of Co2(Cr1âˆ'xFex)Al Heusler alloys. Journal of Alloys and Compounds, 2008, 450, 31-38.	5.5	30
129	Fe$_{3}$O$_{4}$/MgO/Fe Heteroepitaxial Structures for Magnetic Tunnel Junctions. IEEE Transactions on Magnetics, 2008, 44, 2862-2864.	2.1	7
130	Nanoscale superconducting properties of amorphous W-based deposits grown with a focused-ion-beam. New Journal of Physics, 2008, 10, 093005.	2.9	66
131	Exploring the conduction in atomic-sized metallic constrictions created by controlled ion etching. Nanotechnology, 2008, 19, 415302.	2.6	12
132	Giant planar Hall effect in epitaxial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub> films and its temperature dependence. Physical Review B, 2008, 78, .	3.2	82
133	Universal scaling of the anomalous Hall effect in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>epitaxial	3.2	67
134	Effects of the lanthanide addition to the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">Cr</mml:mi><mml:mi mathvariant="normal">Re</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>double perovskite. Physical Review B, 2007, 76, .	3.2	13
135	Mesoscopic Magnetic States in Metallic Alloys with Strong Electronic Correlations: A Percolative Scenario forCeNi1âˆ'xCux. Physical Review Letters, 2007, 98, 166406.	7.8	60
136	Magnetoelastic coupling in Sr₂(Fe_{1âˆ'x}Cr_x)ReO₆double perovskites. Journal of Physics Condensed Matter, 2007, 19, 436226.	1.8	16
137	Double perovskites with ferromagnetism above room temperature. Journal of Physics Condensed Matter, 2007, 19, 023201.	1.8	370
138	Magnetization of Re-based double perovskites: Noninteger saturation magnetization disclosed. Applied Physics Letters, 2007, 90, 252514.	3.3	33
139	Temperature dependence of magnetization under high fields in Re-based double perovskites. Journal of Physics Condensed Matter, 2007, 19, 506206.	1.8	19
140	Colossal magnetoresistance inCaxSr2âˆ'xFeReO6double perovskites due to field-induced phase coexistence. Physical Review B, 2007, 75, .	3.2	15
141	High-field magnetization measurements in Sr 2 CrReO 6 double perovskite: Evidence for orbital contribution to the magnetization. Europhysics Letters, 2007, 78, 17006.	2.0	34
142	Magnetoresistance and magnetostriction of Co2Cr0.6Fe0.4Al Heusler alloy. Solid State Communications, 2007, 142, 363-367.	1.9	14
143	XAS and XMCD under high magnetic field and low temperature on the energy-dispersive beamline of the ESRF. Journal of Synchrotron Radiation, 2007, 14, 409-415.	2.4	28
144	Steric effects and electron doping in Sr2CrReO6 double-perovskite oxides. Journal of Magnetism and Magnetic Materials, 2007, 316, 413-416.	2.3	4

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145	Magnetotransport properties of Fe3O4 thin films for applications in spin electronics. Microelectronic Engineering, 2007, 84, 1660-1664.	2.4	32
146	Local Magnetic and Electronic Properties of the A2FeM'O6 (A = Ba, Sr, Ca, M' = Mo, Re) Double Perovskites. Acta Physica Polonica A, 2007, 111, 797-820.	0.5	13
147	Two- and three-dimensional magnetic ordering in the bilayer manganiteCa2.5Sr0.5GaMn2O8. Physical Review B, 2006, 74, .	3.2	13
148	Evidence of unquenched Re orbital magnetic moment in AAâ€²FeReO6 double perovskites. Applied Physics Letters, 2006, 89, 062509.	3.3	45
149	Nature of the magnetic ordering for small mean-size and large-size mismatch of A-site cations in CMR manganites. Physica B: Condensed Matter, 2006, 385-386, 401-404.	2.7	8
150	Experimental study of the structural and magnetic properties ofÎ³â^'Fe2O3nanoparticles. Physical Review B, 2006, 74, .	3.2	42
151	Possible quantum critical point in(La1â^'xDyx)0.7Ca0.3MnO3. Physical Review B, 2006, 74, .	3.2	9
152	Detailed neutron study of the crossover from long-range to short-range magnetic ordering in(Nd1â^'xTbx)0.55Sr0.45MnO3manganites. Physical Review B, 2006, 74, .	3.2	22
153	Giant magnetostriction in Ca2FeReO6 double perovskite. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 843-845.	2.3	24
154	Properties of half metallic (Ba0.8Sr0.2)2â^'xLa2x/3#x/3FeMoO6 double perovskites. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1021-1024.	2.3	4
155	Large magnetoresistance in (AAâ€²)2FeReO6 double perovskites. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1043-1049.	2.3	25
156	Investigation of the high Curie temperature inSr2CrReO6. Physical Review B, 2005, 71, .	3.2	54
157	Intergrain magnetoresistance up to 50 T in the half-metallic(Ba0.8Sr0.2)2FeMoO6double perovskite: Spin-glass behavior of the grain boundary. Physical Review B, 2005, 71, .	3.2	70
158	Grain-boundary magnetoresistance up to 42 T in cold-pressed Fe3O4 nanopowders. Journal of Applied Physics, 2005, 97, 084317.	2.5	34
159	Pressure effect on magnetic and magnetotransport properties of intermetallic and colossal magnetoresistance oxide compounds. Journal of Physics Condensed Matter, 2005, 17, S3035-S3055.	1.8	0
160	Possible Quantum Critical Point inLa2/3Ca1/3Mn1â^'xGaxO3. Physical Review Letters, 2005, 94, 207205.	7.8	42
161	Impact of cation size on magnetic properties of(AAâ€²)2FeReO6double perovskites. Physical Review B, 2004, 69, .	3.2	90
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