Carlos Leon

List of Publications by Year
in descending order

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209	7,420	46984 47	62565 80
papers	citations	h-index	g-index

217	217	217	6679
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extremely long-range, high-temperature Josephson coupling across a half-metallic ferromagnet. Nature Materials, 2022, 21, 188-194.	13.3	20
2	Photovoltaic sensing of a memristor based in LSMO/BTO/ITO ferroionic tunnel junctions. Applied Physics Letters, 2022, 120, .	1.5	7
3	Defects in oxide crystals: nanoscale and interfacial effects. , 2022, , 199-229.		0
4	Editorial: Are There Common Origins in Heterogeneous Dynamics and Structures in Ionic and Nonionic Systems?. Frontiers in Physics, 2021, 8, .	1.0	1
5	Ferroionic inversion of spin polarization in a spin-memristor. APL Materials, 2021, 9, .	2.2	7
6	Switchable Optically Active Schottky Barrier in La_{0.7}Sr_{0.3}MnO₃/BaTiO₃/ITO Ferroelectric Tunnel Junction. Advanced Electronic Materials, 2021, 7, 2100069.	2.6	13
7	Large intrinsic anomalous Hall effect in SrIrO3 induced by magnetic proximity effect. Nature Communications, 2021, 12, 3283.	5.8	34
8	Quasiparticle tunnel electroresistance in superconducting junctions. Nature Communications, 2020, 11, 658.	5.8	19
9	Controlled Sign Reversal of Electroresistance in Oxide Tunnel Junctions by Electrochemical-Ferroelectric Coupling. Physical Review Letters, 2020, 125, 266802.	2.9	15
10	Ferroelectric Control of Interface Spin Filtering in Multiferroic Tunnel Junctions. Physical Review Letters, 2019, 122, 037601.	2.9	28
11	Novel Functionalities in Oxide Magnetic Tunnel Junctions: Spin Filtering by Interface-Induced Magnetism. , 2019, , 213-249.		0
12	Localization of Yttrium Segregation within YSZ Grain Boundary Dislocation Cores. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800349.	0.8	10
13	Interface Magnetism in La_{0.7}Ca_{0.3}MnO₃/PrBa₂Cu₃O₇ Epitaxial Heterostructures. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800265.	0.8	0
14	Resonant electron tunnelling assisted by charged domain walls in multiferroic tunnel junctions. Nature Nanotechnology, 2017, 12, 655-662.	15.6	92
15	Photodiodes based in La _{0.7} Sr _{0.3} MnO ₃ /single layer MoS ₂ hybrid vertical heterostructures. 2D Materials, 2017, 4, 034002.	2.0	5
16	In operando evidence of deoxygenation in ionic liquid gating of YBa ₂ Cu ₃ O _{7-X}. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 215-220.	3.3	51
17	3D elemental mapping with nanometer scale depth resolution via electron optical sectioning. Ultramicroscopy, 2017, 174, 27-34.	0.8	7
18	On the nature of the KH2PO4 high-temperature transformation. Ionics, 2017, 23, 1187-1195.	1.2	12

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19	Modified magnetic anisotropy at LaCoO3/La0.7Sr0.3MnO3 interfaces. APL Materials, 2017, 5, .	2.2	12
20	Atomic Resolution STEM-EELS Studies of Defects and Local Structural Distortions in Oxide Interfaces. Microscopy and Microanalysis, 2017, 23, 372-373.	0.2	0
21	Nanoionics. Topics in Applied Physics, 2017, , 277-309.	0.4	0
22	The Mixed Alkali Effect Examined by Molecular Dynamics Simulations. Topics in Applied Physics, 2017, , 459-481.	0.4	1
23	Experimental Probes for Ion Dynamics. Topics in Applied Physics, 2017, , 61-88.	0.4	0
24	Molecular Dynamics Simulations of Ionic Liquids. Topics in Applied Physics, 2017, , 483-532.	0.4	1
25	Practical Introduction to the MD Simulations of Ionic Systems. Topics in Applied Physics, 2017, , 533-550.	0.4	0
26	Some Applications and Further Problems. Topics in Applied Physics, 2017, , 551-562.	0.4	0
27	Ionic Liquids: Physics Bridging Two Fields. Topics in Applied Physics, 2017, , 311-354.	0.4	0
28	Molecular Dynamics Simulations. Topics in Applied Physics, 2017, , 355-414.	0.4	6
29	Theories and Models of Ion Diffusion. Topics in Applied Physics, 2017, , 9-60.	0.4	1
30	Electrical Response of Ionic Conductors. Topics in Applied Physics, 2017, , 89-250.	0.4	2
31	NMR Experiments in Ionic Conductors. Topics in Applied Physics, 2017, , 251-275.	0.4	0
32	Molecular Dynamics Simulation of Silicate Glasses. Topics in Applied Physics, 2017, , 415-458.	0.4	2
33	High Resolution Studies of Oxide Multiferroic Interfaces in the Aberration-Corrected STEM. Microscopy and Microanalysis, 2017, 23, 1592-1593.	0.2	0
34	High On/Off Ratio Memristive Switching of Manganite/Cuprate Bilayer by Interfacial Magnetoelectricity. Advanced Materials Interfaces, 2016, 3, 1600086.	1.9	5
35	Magnetically controlled space charge capacitance at La_{1â^'x}Sr_xMnO₃/Sr_xLa_{1â^'x}TiO₃ interfaces. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 2243-2253.	0.8	0
36	Induced Ti magnetization at La0.7Sr0.3MnO3 and BaTiO3 interfaces. APL Materials, 2016, 4, .	2.2	9

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37	On the low- to high proton-conducting transformation of a CsHSO4â€“CsH2PO4 solid solution and its parents. Journal of Thermal Analysis and Calorimetry, 2016, 126, 407-419.	2.0	9
38	Paving the way to nanoionics: atomic origin of barriers for ionic transport through interfaces. Scientific Reports, 2015, 5, 17229.	1.6	35
39	Phase separation enhanced magneto-electric coupling in La0.7Ca0.3MnO3/BaTiO3 ultra-thin films. Scientific Reports, 2015, 5, 17926.	1.6	26
40	Defects, impurities, and transport phenomenon in oxide crystals. , 2015, , 209-229.		1
41	Insight into spin transport in oxide heterostructures from interface-resolved magnetic mapping. Nature Communications, 2015, 6, 6306.	5.8	34
42	Magnetic field influence on the proximity effect atYBa2Cu3O7/La2/3Ca1/3MnO3superconductor/half-metal interfaces. Physical Review B, 2015, 92, .	1.1	11
43	Spark plasma versus conventional sintering in the electrical properties of Nasicon-type materials. Journal of Alloys and Compounds, 2015, 651, 636-642.	2.8	20
44	Proximity Driven Commensurate Pinning in YBa₂Cu₃O₇ through All-Oxide Magnetic Nanostructures. Nano Letters, 2015, 15, 7526-7531.	4.5	5
45	Nearly constant loss in crystalline oxide-ion conductor Gd2Zr2O7. Journal of Electroceramics, 2015, 34, 15-19.	0.8	6
46	Oxygen ion dynamics in pyrochlore-type ionic conductors: Effects of structure and ionâ€“ion cooperativity. Journal of Non-Crystalline Solids, 2015, 407, 349-354.	1.5	17
47	A systematic study of Nasicon-type Li1+xMxTi2â^'x(PO4)3 (M: Cr, Al, Fe) by neutron diffraction and impedance spectroscopy. Solid State Ionics, 2014, 266, 1-8.	1.3	66
48	Resistive switching in manganite/graphene hybrid planar nanostructures. Applied Physics Letters, 2014, 104, 102408.	1.5	6
49	Competition between Covalent Bonding and Charge Transfer at Complex-Oxide Interfaces. Physical Review Letters, 2014, 112, 196802.	2.9	33
50	Signatures of a Twoâ€Đimensional Ferromagnetic Electron Gas at the La_{0.7}Sr_{0.3}MnO₃/SrTiO₃ Interface Arising From Orbital Reconstruction. Advanced Materials, 2014, 26, 7516-7520.	11.1	23
51	Oxygen Octahedral Distortions in LaMO₃/SrTiO₃ Superlattices. Microscopy and Microanalysis, 2014, 20, 825-831.	0.2	13
52	Reversible electric-field control of magnetization at oxide interfaces. Nature Communications, 2014, 5, 4215.	5.8	59
53	Study of Oxygen Distortions in Titanate - Manganite Interfaces by Aberration Corrected STEM-EELS. Microscopy and Microanalysis, 2014, 20, 54-55.	0.2	0
54	Optical Sectioning with Atomic Resolution Spectroscopy. Microscopy and Microanalysis, 2014, 20, 584-585.	0.2	0

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55	INDUCED MAGNETISM AT OXIDE INTERFACES. International Journal of Modern Physics B, 2013, 27, 1330013.	1.0	9
56	Characterization of surface metallic states in SrTiO3 by means of aberration corrected electron microscopy. Ultramicroscopy, 2013, 127, 109-113.	0.8	17
57	Electron Doping by Charge Transfer at LaFeO₃/Sm₂CuO₄ Epitaxial Interfaces. Advanced Materials, 2013, 25, 1468-1473.	11.1	8
58	Dynamics of interacting oxygen ions in yttria stabilized zirconia: bulk material and nanometer thin films. European Physical Journal B, 2013, 86, 1.	0.6	14
59	Influence of chromium content on the optical and electrical properties of Li1+xCrxTi2â^'x(PO4)3. Solid State Ionics, 2013, 241, 36-45.	1.3	26
60	XANES and EXAFS study of the local order in nanocrystalline yttria-stabilized zirconia. Physical Review B, 2013, 87, .	1.1	32
61	Oxide interfaces with enhanced ion conductivity. MRS Bulletin, 2013, 38, 1056-1063.	1.7	37
62	Magnetoelastic coupling in strained La0.7Ca0.3MnO3//BaTiO3 Thin Films. Materials Research Society Symposia Proceedings, 2013, 1587, 1.	0.1	0
63	Magnetoelastic coupling in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.7</mml:mn></mml:mrow></mml:msub></mml:math>Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.3</mml:mn></mml:mrow></mml:msub></mml:math>MnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mml:	1.1	10
64	Emergent Spin Filter at the Interface between Ferromagnetic and Insulating Layered Oxides. Physical Review Letters, 2013, 111, 247203.	2.9	29
65	Influence of Atomic Scale Compositional Gradients on Colossal Ionic Conductivity in Highly Strained YSZ/STO Heterostructures. Microscopy and Microanalysis, 2013, 19, 1094-1095.	0.2	0
66	Ferroelectric substrate effects on the magnetism, magnetotransport, and electroresistance of La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.7</mml:mn></mml:mrow></mml:msub></mml:math>Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.3</mml:mn></mml:mrow></mml:msub></mml:math>MnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">	1.1	25
67	Effect of Interface-Induced Exchange Fields on Cuprate-Manganite Spin Switches. Physical Review Letters, 2012, 108, 207205.	2.9	22
68	Anisotropy in tunneling transport in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.7</mml:mn></mml:mrow></mml:msub></mml:math>Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.3</mml:mn></mml:mrow></mml:msub></mml:math>MnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mml:	1.1	19
69	Magnetoimpedance spectroscopy of epitaxial multiferroic thin films. Physical Review B, 2012, 86, .	1.1	80
70	Equal-spin Andreev reflection and long-range coherent transport in high-temperature superconductor/half-metallic ferromagnet junctions. Nature Physics, 2012, 8, 539-543.	6.5	138
71	CaracterizaciÃ³n elÃ©ctrica de fronteras de grano en conductores iÃ³nicos mediante medidas de espectroscopia de impedancias en un bicristal. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2012, 51, 13-18.	0.9	1
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73	Estudio del rÃ©gimen de pÃ©rdidas dielÃ©ctricas constantes en conductores iÃ³nicos con estructura de tipo pirocloro. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2012, 51, 7-12.	0.9	0
74	Scanning transmission electron microscopy of oxides. , 2012, , 123-156.		0
75	Electronic and Magnetic Reconstructions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>0.7</mml:mn></mml:msub><mml:msub><mml:mi>Ca</mml:mi>	2.9	83
76	Exotic magnetic anisotropy in epitaxial La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.7</mml:mn></mml:mrow></mml:msub></mml:math>Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.3</mml:mn></mml:mrow></mml:msub></mml:math>MnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow /></mml:math>/SrTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow /></mml:math>Interface. Physical Review Letters, 2011, 106,	1.1	15
77	Structural and magnetic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>delafossites. Physical Review B, 2011, 83, .	1.1	37
78	Seeing oxygen disorder in YSZ/SrTiO₃colossal ionic conductor heterostructures using EELS. EPJ Applied Physics, 2011, 54, 33507.	0.3	52
79	Tailoring Interface Structure in Highly Strained YSZ/STO Heterostructures. Advanced Materials, 2011, 23, 5268-5274.	11.1	36
80	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	1.1	40
81	Symmetrical interfacial reconstruction and magnetism in La0.7Ca0.3MnO3/YBa2Cu3O7/La0.7Ca0.3MnO3heterostructures. Physical Review B, 2011, 84, .	1.1	29
82	Strain-Enhanced Ionic Conductivity. Microscopy and Microanalysis, 2010, 16, 100-101.	0.2	2
83	A Relationship between Intermolecular Potential, Thermodynamics, and Dynamic Scaling for a Supercooled Ionic Liquid. Journal of Physical Chemistry Letters, 2010, 1, 987-992.	2.1	64
84	â€œCharge Leakageâ€•at LaMnO₃/SrTiO₃ Interfaces. Advanced Materials, 2010, 22, 627-632.	11.1	113
85	Allâ€Manganite Tunnel Junctions with Interfaceâ€Induced Barrier Magnetism. Advanced Materials, 2010, 22, 5029-5034.	11.1	34
86	Structure and physical properties of nickel manganite NiMn2O4 obtained from nickel permanganate precursor. Journal of the European Ceramic Society, 2010, 30, 2617-2624.	2.8	60
87	Ionic conductivity of nanocrystalline yttria-stabilized zirconia: Grain boundary and size effects. Physical Review B, 2010, 81, .	1.1	82
88	Directionally controlled superconductivity in ferromagnet/superconductor/ferromagnet trilayers with biaxial easy axes. Physical Review B, 2010, 81, .	1.1	15
89	Exchange-bias-modulated inverse superconducting spin switch inCoO/Co/YBa2Cu3O7â˜Î/La0.7Ca0.3MnO3thin film hybrids. Physical Review B, 2010, 81, .	1.1	5
90	Crossover to nearly constant loss in ac conductivity of highly disordered pyrochlore-type ionic conductors. Physical Review B, 2010, 82, .	1.1	15

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91	Magnetic memory based on La0.7Ca0.3MnO3/YBa2Cu3O7/La0.7Ca0.3MnO3 ferromagnet/superconductor hybrid structures. Applied Physics Letters, 2010, 97, 032501.	1.5	16
92	Spin and orbital Ti magnetism at LaMnO3/SrTiO3 interfaces. Nature Communications, 2010, 1, 82.	5.8	156
93	Response to Comment on â€œColossal Ionic Conductivity at Interfaces of Epitaxial ZrO ₂ :Y ₂ O ₃ /SrTiO ₃ Heterostructuresâ€• Science, 2009, 324, 465-465.	6.0	47
94	Aberration-corrected scanning transmission electron microscopy: from atomic imaging and analysis to solving energy problems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 3709-3733.	1.6	89
95	Tailoring Disorder and Dimensionality: Strategies for Improved Solid Oxide Fuel Cell Electrolytes. ChemPhysChem, 2009, 10, 1003-1011.	1.0	50
96	The effect of homovalent A-site substitutions on the ionic conductivity of pyrochlore-type Gd2Zr2O7. Journal of Power Sources, 2009, 186, 349-352.	4.0	99
97	Many-ion Dynamics: The Common View of CM and MC. Zeitschrift Fur Physikalische Chemie, 2009, 223, 1311-1325.	1.4	16
98	High ionic conductivity in the pyrochlore-type Gd2â^'yLayZr2O7 solid solution (0â‰¤yâ‰¤1). Solid State Ionics, 2008, 179, 2160-2164.	1.3	104
99	Effects of interface states on the transport properties of all-oxide La0.8Sr0.2CoO3â^•SrTi0.99Nb0.01O3 p-n heterojunctions. Applied Physics Letters, 2008, 92, 082106.	1.5	24
100	Colossal Ionic Conductivity at Interfaces of Epitaxial ZrO ₂ :Y ₂ O ₃ /SrTiO ₃ Heterostructures. Science, 2008, 321, 676-680.	6.0	675
101	Ion Dynamics under Pressure in an Ionic Liquid. Journal of Physical Chemistry B, 2008, 112, 3110-3114.	1.2	54
102	Thickness Dependent Magnetic Anisotropy of Ultrathin LCMO Epitaxial Thin Films. IEEE Transactions on Magnetics, 2008, 44, 2926-2929.	1.2	13
103	The Gd2-yLayZr2O7 Solid Solution as a New Electrolyte for High and Intermediate-Temperature SOFC's. ECS Transactions, 2008, 12, 333-342.	0.3	3
104	Elucidating the existence of the excess wing in an ionic liquid on applying pressure. Journal of Physics Condensed Matter, 2008, 20, 244107.	0.7	8
105	Cation size effects in oxygen ion dynamics of highly disordered pyrochlore-type ionic conductors. Physical Review B, 2008, 78, .	1.1	49
106	Origin of the inverse spin-switch behavior in manganite/cuprate/manganite trilayers. Physical Review B, 2008, 78, .	1.1	47
107	SÃntesis y propiedades elÃ©ctricas de la soluciÃ³n sÃ³lida Gd_{2-y}La_yZr₂O₇ con estructura de tipo pirocloro. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2008, 47, 159-164.	0.9	4
108	Effect of La substitution for Gd in the ionic conductivity and oxygen dynamics of fluorite-type Gd₂Zr₂O₇. Journal of Physics Condensed Matter, 2007, 19, 356212.	0.7	39

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109	Spin-dependent magnetoresistance of ferromagnet/superconductor/ferromagnetLa0.7Ca0.3MnO3âˆ•YBa2Cu3O7âˆ’Îˆâˆ•La0.7Ca0.3MnO3trilayers. Physical Review B, 2007, 75, .	1.1	36
110	Influence of thermally induced oxygen order on mobile ion dynamics inGd2(Ti0.65Zr0.35)2O7. Physical Review B, 2007, 75, .	1.1	41
111	Publisher's Note: Spin-dependent magnetoresistance of ferromagnet/superconductor/ferromagnetLa0.7Ca0.3MnO3âˆ•YBa2Cu3O7âˆ’Îˆâˆ•La0.7Ca0.3MnO3trilayers [Phys. Rev. B75, 054501 (2007)]. Physical Review B, 2007, 75, .	1.1	1
112	Spectroscopic Imaging of Oxide Interfaces with Aberration Corrected Probes. Microscopy and Microanalysis, 2007, 13, .	0.2	2
113	Influence of structural disorder on the dynamics of mobile oxygen ions in Dy2(Ti1âˆ’yZry)2O7. Journal of Non-Crystalline Solids, 2007, 353, 3947-3955.	1.5	14
114	Intermediate Rotator Phase in Lead(II) Alkanoates. Journal of Physical Chemistry C, 2007, 111, 6826-6831.	1.5	21
115	Spin dependent transport at oxide La0.7Ca0.3MnO3/YBa2Cu3O7 ferromagnet/superconductor interfaces. Journal of the European Ceramic Society, 2007, 27, 3967-3970.	2.8	4
116	Electrical conductivity relaxation in lithium doped silver iodide. Journal of the European Ceramic Society, 2007, 27, 4297-4300.	2.8	1
117	Magnetoresistance in La0.7Ca0.3MnO3â€“YBa2Cu3O7 F/S/F trilayers. Journal of Magnetism and Magnetic Materials, 2007, 316, e745-e748.	1.0	1
118	High ionic conductivity of hydrated Li0.5FeOCl. Solid State Ionics, 2006, 177, 1099-1104.	1.3	8
119	Paramagnetic Meissner effect inYBa2Cu3O7âˆ•La0.7Ca0.3MnO3superlattices. Physical Review B, 2006, 73, .	1.1	34
120	Composition dependence of the dispersive nature of the ac conductivity in ionic conductors Gd2Ti2âˆ’yZryO7 and Li0.5âˆ’xNaxLa0.5TiO3. Journal of Non-Crystalline Solids, 2006, 352, 5141-5146.	1.5	2
121	Strain induced phase separation in La0.67Ca0.33MnO3 ultra thin films. Journal of Physics and Chemistry of Solids, 2006, 67, 472-475.	1.9	13
122	Room-temperature synthesis and conductivity of the pyrochlore type Dy2(Ti1âˆ’yZry)2O7 (0â©½yâ©½1) solid solution. Journal of Solid State Chemistry, 2006, 179, 928-934.	1.4	35
123	Vortex decoupling in LCMO/YBCO superlattices. Journal of Physics and Chemistry of Solids, 2006, 67, 387-390.	1.9	6
124	Mechanochemical synthesis and ionic conductivity in the Gd2(Sn1â€“yZry)2O7 () solid solution. Journal of Solid State Chemistry, 2006, 179, 323-330.	1.4	34
125	Structural Characterization and Ionic Conductivity of Metastable Gd2(Ti0.65Zr0.35)2O7 Powders Prepared by Mechanical Milling. Materials Research Society Symposia Proceedings, 2006, 972, 1.	0.1	0
126	Large Magnetoresistance at Oxide La_{0.7}Ca_{0.3}MnO₃ and YBa₂Cu₃O₇ Interfaces. Advances in Science and Technology, 2006, 45, 2545-2553.	0.2	0

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127	Spin diffusion versus proximity effect at ferromagnet/superconductorLa0.7Ca0.3MnO3âˆ•YBa2Cu3O7âˆ’Îinterfaces. Physical Review B, 2006, 73, .	1.1	54
128	Tunnel magnetoresistance in La0.7Ca0.3MnO3âˆ•PrBa2Cu3O7âˆ•La0.7Ca0.3MnO3. Applied Physics Letters, 2006, 88, 022512.	1.5	12
129	Comparison of Dynamics of Ions in Ionically Conducting Materials and Dynamics of Glass-Forming Substances: Remarkable Similarities. Zeitschrift Fur Physikalische Chemie, 2005, 219, 47-70.	1.4	54
130	Large magnetoresistance in oxide based ferromagnet / superconductor spin switches. Materials Research Society Symposia Proceedings, 2005, 887, 1.	0.1	0
131	Effects of reduced dimensionality in the relaxation dynamics of ionic conductors. Europhysics Letters, 2005, 69, 770-776.	0.7	4
132	Cooperative oxygen ion dynamics inGd2Ti2âˆ’yZryO7. Physical Review B, 2005, 71, .	1.1	51
133	Giant Magnetoresistance in Ferromagnet/Superconductor Superlattices. Physical Review Letters, 2005, 94, 057002.	2.9	187
134	Effects of cooperativity on ion dynamics in oxygen conducting Gd2Ti2âˆ’yZryO7. Journal of Non-Crystalline Solids, 2005, 351, 2813-2818.	1.5	10
135	Influence of Vacancy Ordering on the Percolative Behavior of (Li1-xNax)3yLa2/3-yTiO3Perovskites. Journal of Physical Chemistry B, 2005, 109, 3262-3268.	1.2	20
136	Zero-magnetic-field dynamic scaling inBi2Sr2CaCu2O8thin films. Physical Review B, 2004, 70, .	1.1	10
137	Long length scale interaction between magnetism and superconductivity in La $mathsf{_{0.3}}$Ca $mathsf{_{0.7}}$MnO$mathsf{_3}$/YBa$mathsf{_2}$Cu$mathsf{_3}$O$mathsf{_7}$ superlattices. European Physical Journal B, 2004, 40, 479-482.	0.6	6
138	Coupling of superconductors through a half-metallic ferromagnet: Evidence for a long-range proximity effect. Physical Review B, 2004, 69, .	1.1	152
139	Correlation between ion hopping conductivity and near constant loss in ionic conductors. Physical Review B, 2004, 69, .	1.1	27
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