Carlos Leon

List of Publications by Year in descending order

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209 papers	7,420 citations	46918 47 h-index	62479 80 g-index
217 all docs	217 docs citations	217 times ranked	6679 citing authors

#	Article	IF	Citations
1	Colossal Ionic Conductivity at Interfaces of Epitaxial ZrO ₂ :Y ₂ O ₃ /SrTiO ₃ Heterostructures. Science, 2008, 321, 676-680.	6.0	675
2	Nature and properties of the Johariâ€“Goldstein Î²-relaxation in the equilibrium liquid state of a class of glass-formers. Journal of Chemical Physics, 2001, 115, 1405-1413.	1.2	243
3	Origin of Constant Loss in Ionic Conductors. Physical Review Letters, 2001, 86, 1279-1282.	2.9	208
4	Ferromagnetic/superconducting proximity effect inLa0.7Ca0.3MnO3/YBa2Cu3O7â^'Î'superlattices. Physical Review B, 2003, 67, .	1.1	197
5	Correlated ion hopping in single-crystal yttria-stabilized zirconia. Physical Review B, 1997, 55, 882-887.	1.1	188
6	Giant Magnetoresistance in Ferromagnet/Superconductor Superlattices. Physical Review Letters, 2005, 94, 057002.	2.9	187
7	Relationship between the primary and secondary dielectric relaxation processes in propylene glycol and its oligomers. Journal of Chemical Physics, 1999, 110, 11585-11591.	1.2	181
8	Influence of composition on the structure and conductivity of the fast ionic conductors La2/3â^'xLi3xTiO3 (0.03â‰¤xâ‰¤0.167). Solid State Ionics, 2000, 134, 219-228.	1.3	162
9	Spin and orbital Ti magnetism at LaMnO3/SrTiO3 interfaces. Nature Communications, 2010, 1, 82.	5.8	156
10	Coupling of superconductors through a half-metallic ferromagnet: Evidence for a long-range proximity effect. Physical Review B, 2004, 69, .	1.1	152
11	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
12	On the Location of Li+ Cations in the Fast Li-Cation Conductor La0.5Li0.5TiO3 Perovskite. Angewandte Chemie - International Edition, 2000, 39, 619-621.	7.2	126
13	â€œCharge Leakageâ€•at LaMnO₃/SrTiO₃ Interfaces. Advanced Materials, 2010, 22, 627-632.	11.1	113
14	High ionic conductivity in the pyrochlore-type Gd2â^'yLayZr2O7 solid solution (0â‰¤yâ‰¤1). Solid State Ionics, 2008, 179, 2160-2164.	1.3	104
15	Rapidity of the Change of the Kohlrausch Exponent of the Îł-Relaxation of Glass-Forming Liquids atTBorTÎ²and Consequences. Journal of Physical Chemistry B, 1999, 103, 4045-4051.	1.2	101
16	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
17	Electrical conductivity relaxation and nuclear magnetic resonance of Li conductingLi0.5La0.5TiO3. Physical Review B, 1996, 54, 184-189.	1.1	93
18	Cage decay, near constant loss, and crossover to cooperative ion motion in ionic conductors: Insight from experimental data. Physical Review B, 2002, 66, .	1.1	93

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19	Resonant electron tunnelling assisted by charged domain walls in multiferroic tunnel junctions. Nature Nanotechnology, 2017, 12, 655-662.	15.6	92
20	Relating macroscopic electrical relaxation to microscopic movements of the ions in ionically conducting materials by theory and experiment. Physical Review B, 1999, 60, 9396-9405.	1.1	91
21	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
22	Non-Arrhenius conductivity in the fast ionic conductorLi0.5La0.5TiO3:Reconciling spin-lattice and electrical-conductivity relaxations. Physical Review B, 1997, 56, 5302-5305.	1.1	88
23	Superconductivity depression in ultrathin YBa2Cu3O7âˆ'Î´ layers in La0.7Ca0.3MnO3/YBa2Cu3O7âˆ'Î´ superlattices. Applied Physics Letters, 2002, 81, 4568-4570.	1.5	86
24	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>Sr</mml:mi><mml:m A Case of Enhanced Interlayer Coupling Controlled by the Interface. Physical Review Letters, 2011, 106, 147205.	2.9	84
25	Ionic conductivity of nanocrystalline yttria-stabilized zirconia: Grain boundary and size effects. Physical Review B, 2010, 81, .	1.1	82
26	Li Mobility in the Orthorhombic Li0.18La0.61TiO3Perovskite Studied by NMR and Impedance Spectroscopies. Chemistry of Materials, 2000, 12, 1694-1701.	3.2	80
27	Magnetoimpedance spectroscopy of epitaxial multiferroic thin films. Physical Review B, 2012, 86, .	1.1	80
28	Intracell Changes in Epitaxially StrainedYBa2Cu3O7âˆ'xUltrathin Layers inYBa2Cu3O7âˆ'x/PrBa2Cu3O7Superlattices. Physical Review Letters, 1999, 83, 3936-3939.	2.9	71
29	Electrical conductivity relaxation in thin-film yttria-stabilized zirconia. Applied Physics Letters, 2001, 78, 610-612.	1.5	69
30	A systematic study of Nasicon-type Li1+xMxTi2âˆ'x(PO4)3 (M: Cr, Al, Fe) by neutron diffraction and impedance spectroscopy. Solid State Ionics, 2014, 266, 1-8.	1.3	66
31	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
32	Percolation-Limited Ionic Diffusion in Li0.5-xNaxLa0.5TiO3Perovskites (0 â‰¤xâ‰¤ 0.5). Chemistry of Materials, 2002, 14, 5148-5152.	3.2	63
33	Magnetism and superconductivity in La0.7Ca0.3MnO3/YBa2Cu3O7âˆ'Î´ superlattices. Journal of Applied Physics, 2001, 89, 8026-8029.	1.1	60
34	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
35	Reversible electric-field control of magnetization at oxide interfaces. Nature Communications, 2014, 5, 4215.	5.8	59
36	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

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37	Spin diffusion versus proximity effect at ferromagnet/superconductorLa0.7Ca0.3MnO3âˆ•YBa2Cu3O7âˆ’Îinterfaces. Physical Review B, 2006, 73, .	1.1	54
38	Ion Dynamics under Pressure in an Ionic Liquid. Journal of Physical Chemistry B, 2008, 112, 3110-3114.	1.2	54
39	A combined molecular dynamics simulation, experimental and coupling model study of the ion dynamics in glassy ionic conductors. Journal of Physics Condensed Matter, 2003, 15, S1607-S1632.	0.7	52
40	Seeing oxygen disorder in YSZ/SrTiO₃colossal ionic conductor heterostructures using EELS. EPJ Applied Physics, 2011, 54, 33507.	0.3	52
41	Cooperative oxygen ion dynamics inGd2Ti2âˆ’yZryO7. Physical Review B, 2005, 71, .	1.1	51
42	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
43	Recent advances in relating macroscopic electrical relaxation data to microscopic movements of the ions in ionically conducting materials. Solid State Ionics, 1999, 125, 81-90.	1.3	50
44	Influence of Quenching Treatments on Structure and Conductivity of the Li3xLa2/3-xTiO3Series. Chemistry of Materials, 2003, 15, 225-232.	3.2	50
45	Tailoring Disorder and Dimensionality: Strategies for Improved Solid Oxide Fuel Cell Electrolytes. ChemPhysChem, 2009, 10, 1003-1011.	1.0	50
46	Cation size effects in oxygen ion dynamics of highly disordered pyrochlore-type ionic conductors. Physical Review B, 2008, 78, .	1.1	49
47	Origin of the inverse spin-switch behavior in manganite/cuprate/manganite trilayers. Physical Review B, 2008, 78, .	1.1	47
48	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
49	Universal scaling of the conductivity relaxation in crystalline ionic conductors. Physical Review B, 1998, 57, 41-44.	1.1	46
50	Cation Mass Dependence of the Nearly Constant Dielectric Loss in Alkali Triborate Glasses. Physical Review Letters, 2002, 88, 125902.	2.9	46
51	Crossover from a three-dimensional to purely two-dimensional vortex-glass transition in deoxygenatedYBa2Cu3O7âˆ’Îthin films. Physical Review B, 1999, 60, 15423-15429.	1.1	45
52	Naâ€“Li exchange of Na1 + xTi2 âˆ’ xAlx(PO4)3(0.6 â‰¤ x â‰¤ 0.9) NASICON series: a Rietveld and impedance study. Journal of Materials Chemistry, 2001, 11, 3258-3263.	6.7	43
53	Influence of thermally induced oxygen order on mobile ion dynamics inGd2(Ti0.65Zr0.35)2O7. Physical Review B, 2007, 75, .	1.1	41
54	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:mro	1.1	40

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55	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
56	Vortex liquid entanglement in irradiatedYBa2Cu3O7thin films. Physical Review B, 2001, 63, .	1.1	38
57	Test of universal scaling of ac conductivity in ionic conductors. Physical Review B, 2001, 64, .	1.1	38
58	Crossover from ionic hopping to nearly constant loss in the fast ionic conductorLi0.18La0.61TiO3. Physical Review B, 2002, 65, .	1.1	38
59	Transport, electronic, and structural properties of nanocrystalline CuAlO<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
60	Oxide interfaces with enhanced ion conductivity. MRS Bulletin, 2013, 38, 1056-1063.	1.7	37
61	Î±-NaFeO2: ionic conductivity and sodium extraction. Solid State Ionics, 1999, 126, 81-87.	1.3	36
62	Spin-dependent magnetoresistance of ferromagnet/superconductor/ferromagnetLa0.7Ca0.3MnO3âˆ•YBa2Cu3O7âˆ’Îˆâˆ•La0.7Ca0.3MnO3trilayers. Physical Review B, 2007, 75, .	1.1	36
63	Tailoring Interface Structure in Highly Strained YSZ/STO Heterostructures. Advanced Materials, 2011, 23, 5268-5274.	11.1	36
64	Non-Debye conductivity relaxation in the non-Arrhenius Li0.5La0.5TiO3 fast ionic conductor. A nuclear magnetic resonance and complex impedance study. Journal of Non-Crystalline Solids, 1998, 235-237, 753-760.	1.5	35
65	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
66	Paving the way to nanoionics: atomic origin of barriers for ionic transport through interfaces. Scientific Reports, 2015, 5, 17229.	1.6	35
67	Li3xLa(2/3)âˆ’xTiO3 fast ionic conductors.. Journal of Non-Crystalline Solids, 2002, 307-310, 992-998.	1.5	34
68	Paramagnetic Meissner effect inYBa2Cu3O7âˆ•La0.7Ca0.3MnO3superlattices. Physical Review B, 2006, 73, .	1.1	34
69	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
70	Allâ€Manganite Tunnel Junctions with Interfaceâ€Induced Barrier Magnetism. Advanced Materials, 2010, 22, 5029-5034.	11.1	34
71	Insight into spin transport in oxide heterostructures from interface-resolved magnetic mapping. Nature Communications, 2015, 6, 6306.	5.8	34
72	Large intrinsic anomalous Hall effect in SrIrO3 induced by magnetic proximity effect. Nature Communications, 2021, 12, 3283.	5.8	34

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73	Competition between Covalent Bonding and Charge Transfer at Complex-Oxide Interfaces. Physical Review Letters, 2014, 112, 196802.	2.9	33
74	XANES and EXAFS study of the local order in nanocrystalline yttria-stabilized zirconia. Physical Review B, 2013, 87, .	1.1	32
75	Direct Evidence for Block-by-Block Growth in High-Temperature Superconductor Ultrathin Films. Physical Review Letters, 2001, 86, 5156-5159.	2.9	31
76	Temperature dependence of the ionic conductivity in Li3xLa2/3â^'xTiO3: Arrhenius versus non-Arrhenius. Applied Physics Letters, 2003, 82, 2425-2427.	1.5	30
77	Symmetrical interfacial reconstruction and magnetism in La0.7Ca0.3MnO3/YBa2Cu3O7/La0.7Ca0.3MnO3heterostructures. Physical Review B, 2011, 84, .	1.1	29
78	Emergent Spin Filter at the Interface between Ferromagnetic and Insulating Layered Oxides. Physical Review Letters, 2013, 111, 247203.	2.9	29
79	Ferroelectric Control of Interface Spin Filtering in Multiferroic Tunnel Junctions. Physical Review Letters, 2019, 122, 037601.	2.9	28
80	Correlation between ion hopping conductivity and near constant loss in ionic conductors. Physical Review B, 2004, 69, .	1.1	27
81	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
82	Phase separation enhanced magneto-electric coupling in La0.7Ca0.3MnO3/BaTiO3 ultra-thin films. Scientific Reports, 2015, 5, 17926.	1.6	26
83	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>MnO₃ /SrTiO₃ p-n heterojunctions	1.1	25
84	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
85	A quantitative explanation of the difference between nuclear spin relaxation and ionic conductivity relaxation in superionic glasses. Journal of Non-Crystalline Solids, 2003, 315, 124-133.	1.5	23
86	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
87	Effect of Interface-Induced Exchange Fields on Cuprate-Manganite Spin Switches. Physical Review Letters, 2012, 108, 207205.	2.9	22
88	Electron-electron interaction and weak localization effects in badly metallicSrRuO3. Physical Review B, 2001, 63, .	1.1	21
89	Intermediate Rotator Phase in Lead(II) Alkanoates. Journal of Physical Chemistry C, 2007, 111, 6826-6831.	1.5	21
90	Use of Kramersâ€“Kronig transforms for the treatment of admittance spectroscopy data ofpâ€ njunctions containing traps. Journal of Applied Physics, 1996, 79, 7830-7836.	1.1	20

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91	Lithium intercalation in FeOCl revisited. Solid State Sciences, 2001, 3, 293-301.	0.8	20
92	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
93	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
94	Extremely long-range, high-temperature Josephson coupling across a half-metallic ferromagnet. Nature Materials, 2022, 21, 188-194.	13.3	20
95	Thermally assisted 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 />	1.1	19
96	Quasiparticle tunnel electroresistance in superconducting junctions. Nature Communications, 2020, 11, 658.	5.8	19
97	Epitaxial mismatch strain inYBa2Cu3O7â˜Î´/PrBa2Cu3O7superlattices. Physical Review B, 2000, 62, 12509-12515.	1.1	18
98	Effects of epitaxial strain on the growth mechanism inYBa2Cu3O7â˜'xthin films inYBa2Cu3O7â˜'x/PrBa2Cu3O7superlattices. Physical Review B, 2002, 66, .	1.1	18
99	The crossover from the near constant loss to ion hopping ac conductivity in ionic conductors: the crossover times. Journal of Non-Crystalline Solids, 2002, 307-310, 1039-1049.	1.5	18
100	Analytical distributions of relaxation times for the description of electrical conductivity relaxation in ionic conductors. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1997, 75, 629-638.	0.6	17
101	Characterization of surface metallic states in SrTiO3 by means of aberration corrected electron microscopy. Ultramicroscopy, 2013, 127, 109-113.	0.8	17
102	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
103	Crossover of near-constant loss to ion hopping relaxation in ionically conducting materials: experimental evidences and theoretical interpretation. Journal of Non-Crystalline Solids, 2002, 305, 88-95.	1.5	16
104	Origin and properties of the nearly constant loss in crystalline and glassy ionic conductors. Journal of Non-Crystalline Solids, 2002, 307-310, 1024-1030.	1.5	16
105	Many-ion Dynamics: The Common View of CM and MC. Zeitschrift Fur Physikalische Chemie, 2009, 223, 1311-1325.	1.4	16
106	Magnetic memory based on La0.7Ca0.3MnO3/YBa2Cu3O7/La0.7Ca0.3MnO3 ferromagnet/superconductor hybrid structures. Applied Physics Letters, 2010, 97, 032501.	1.5	16
107	Directionally controlled superconductivity in ferromagnet/superconductor/ferromagnet trilayers with biaxial easy axes. Physical Review B, 2010, 81, .	1.1	15
108	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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109	Magnetic anisotropy map 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:msub><mml:mrow />	1.1	15
110	Controlled Sign Reversal of Electroresistance in Oxide Tunnel Junctions by Electrochemical-Ferroelectric Coupling. Physical Review Letters, 2020, 125, 266802.	2.9	15
111	Direct correlation betweenTcandCuO2bilayer spacing inYBa2Cu3O7âˆ’x. Physical Review B, 2002, 66, .	1.1	14
112	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
113	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
114	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
115	Thickness Dependent Magnetic Anisotropy of Ultrathin LCMO Epitaxial Thin Films. IEEE Transactions on Magnetics, 2008, 44, 2926-2929.	1.2	13
116	Oxygen Octahedral Distortions in LaMO₃/SrTiO₃ Superlattices. Microscopy and Microanalysis, 2014, 20, 825-831.	0.2	13
117	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
118	Lanthanumâ€“lithiumâ€“sodium double chromates as ionic conductors. Journal of Alloys and Compounds, 1997, 250, 520-523.	2.8	12
119	Correlated Oxygen Diffusion in BIFEVOX. Chemistry of Materials, 2002, 14, 1606-1609.	3.2	12
120	Temperature dependence of the near constant loss in ionic conductors: a coupling model approach. Journal of Physics Condensed Matter, 2003, 15, S1633-S1642.	0.7	12
121	Tunnel magnetoresistance in La0.7Ca0.3MnO3âˆ•PrBa2Cu3O7âˆ•La0.7Ca0.3MnO3. Applied Physics Letters, 2006, 88, 022512.	1.5	12
122	On the nature of the KH2PO4 high-temperature transformation. Ionics, 2017, 23, 1187-1195.	1.2	12
123	Modified magnetic anisotropy at LaCoO3/La0.7Sr0.3MnO3 interfaces. APL Materials, 2017, 5, .	2.2	12
124	Dynamic transport in ionic conductors. Journal of Materials Science, 1998, 33, 4485-4490.	1.7	11
125	Magnetic field influence on the proximity effect atYBa2Cu3O7/La2/3Ca1/3MnO3superconductor/half-metal interfaces. Physical Review B, 2015, 92, .	1.1	11
126	Evidence for vortex tunnel dissipation in deoxygenatedYBa2Cu3O6.4thin films. Physical Review B, 2001, 63, .	1.1	10

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127	Zero-magnetic-field dynamic scaling inBi2Sr2CaCu2O8thin films. Physical Review B, 2004, 70, .	1.1	10
128	Effects of cooperativity on ion dynamics in oxygen conducting Gd2Ti2â˜'yZryO7. Journal of Non-Crystalline Solids, 2005, 351, 2813-2818.	1.5	10
129	Disorder-controlled superconductivity at YBa<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:mn>3</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>	1.1	10
130	Localization of Yttrium Segregation within YSZ Grain Boundary Dislocation Cores. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800349.	0.8	10
131	INDUCED MAGNETISM AT OXIDE INTERFACES. International Journal of Modern Physics B, 2013, 27, 1330013.	1.0	9
132	Induced Ti magnetization at La0.7Sr0.3MnO3 and BaTiO3 interfaces. APL Materials, 2016, 4, .	2.2	9
133	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
134	Comment on â€œIonic Conduction in Glass: New Information on the Interrelation between the Ì€Jonscher Behaviorâ€™ and the Ì€Nearly Constant-Loss Behaviorâ€™ from Broadband Conductivity Spectraâ€• Physical Review Letters, 2002, 89, 079601; author reply 079602.	2.9	8
135	High ionic conductivity of hydrated Li0.5FeOCl. Solid State Ionics, 2006, 177, 1099-1104.	1.3	8
136	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
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