Francisco Rivadulla

List of Publications by Year
in descending order

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148 papers	4,804 citations	101543 36 h-index	110387 64 g-index
154 all docs	154 docs citations	154 times ranked	5136 citing authors

#	Article	IF	Citations
1	Change from first- to second-order magnetic phase transition inLa2/3(Ca,Sr)1/3MnO3perovskites. Physical Review B, 1999, 60, 2998-3001.	3.2	314
2	High-temperature spin dynamics in CMR manganites: ESR and magnetization. Physical Review B, 1998, 58, 3233-3239.	3.2	249
3	Tuning of the magnetocaloric effect in La[sub 0.67]Ca[sub 0.33]MnO[sub 3â˜Î] nanoparticles synthesized by solâ€“gel techniques. Journal of Applied Physics, 2002, 91, 9943.	2.5	176
4	Intergranular magnetoresistance in nanomanganites. Nanotechnology, 2003, 14, 212-219.	2.6	172
5	Reduction of the bulk modulus at high pressureÂinÂCrN. Nature Materials, 2009, 8, 947-951.	27.5	154
6	Origin of the Glassy Magnetic Behavior of the Phase Segregated State of the Perovskites. Physical Review Letters, 2004, 93, 167206.	7.8	151
7	Drop of magnetocaloric effect related to the change from first- to second-order magnetic phase transition in La[sub 2/3](Ca[sub 1â˜x]Sr[sub x])[sub 1/3]MnO[sub 3]. Journal of Applied Physics, 2002, 91, 8903.	2.5	136
8	Tuning of colossal magnetoresistance via grain size change in La0.67Ca0.33MnO3. Journal of Applied Physics, 1999, 86, 3881-3884.	2.5	127
9	Low field magnetoresistance effects in fine particles of La0.67Ca0.33MnO3 perovskites. Journal of Magnetism and Magnetic Materials, 2000, 221, 57-62.	2.3	116
10	Highly Transparent and Conductive Films of Densely Aligned Ultrathin Au Nanowire Monolayers. Nano Letters, 2012, 12, 6066-6070.	9.1	109
11	Magnetoresistance in manganite/alumina nanocrystalline composites. Journal of Applied Physics, 2001, 89, 1746.	2.5	104
12	Large magnetocaloric effect in manganites with charge order. Applied Physics Letters, 2001, 79, 2040-2042.	3.3	102
13	High-temperature properties of theSr2FeMoO6double perovskite: Electrical resistivity, magnetic susceptibility, and ESR. Physical Review B, 2000, 62, 3340-3345.	3.2	97
14	Structural Transformation Induced by Magnetic Field and â€œColossal-Likeâ€•Magnetoresistance Response above 313 K in MnAs. Physical Review Letters, 2003, 90, 097203.	7.8	97
15	Kinetics of the Formation of Particles in Microemulsions. Langmuir, 1997, 13, 1970-1977.	3.5	95
16	Strong reduction of lattice effects in mixed-valence manganites related to crystal symmetry. Physical Review B, 2001, 65, .	3.2	86
17	Influence of the grain-size and oxygen stoichiometry on magnetic and transport properties of polycrystalline La0.67Ca0.33MnO3Â±Î´ perovskites. Journal of Magnetism and Magnetic Materials, 1998, 189, 221-228.	2.3	81
18	Dielectric properties and magnetostriction of the collinear multiferroic spinel CdV<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mro	3.2	73

#	ARTICLE	IF	CITATIONS
19	Coexistence of paramagnetic-charge-ordered and ferromagnetic-metallic phases in La0.5Ca0.5MnO3 evidenced by electron spin resonance. Journal of Applied Physics, 2002, 91, 785-788.	2.5	70
20	Effect of Mn-site doping on the magnetotransport properties of the colossal magnetoresistance compoundLa2/3Ca1/3Mn1â^'xAxO3(A=Co,Cr;x<~0.1). Physical Review B, 2000, 62, 5678-5684.	3.2	63
21	Enhanced Pressure Dependence of Magnetic Exchange in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>A</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:m stretchy="false">[</mml:mo><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo stretchy="false">]</mml:mo><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml	7.8	62
22	Homopolar Bond Formation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>ZnV</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>Close to a Metal-Insulator Transition. Physical Review Letters, 2008, 101, 256403.	7.8	60
23	Epitaxial CrN Thin Films with High Thermoelectric Figure of Merit. Advanced Materials, 2015, 27, 3032-3037.	21.0	59
24	Thermoelectric properties of stoichiometric and hole-doped CrN. Applied Physics Letters, 2009, 94, .	3.3	58
25	Layer-by-Layer Polymer Coating of Carbon Nanotubes: Tuning of Electrical Conductivity in Random Networks. Journal of the American Chemical Society, 2010, 132, 3751-3755.	13.7	58
26	Magnetocrystalline interactions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>MnCr</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m Physical Review B, 2009, 80, .	3.2	56
27	Analysis of the temperature dependence of the thermal conductivity of insulating single crystal oxides. APL Materials, 2016, 4, 104815.	5.1	51
28	Electron-spin-resonance line broadening around the magnetic phase transition in manganites. Physical Review B, 1999, 60, 11922-11925.	3.2	48
29	Chemical, structural, and transport properties ofNa1â^'xCoO2. Physical Review B, 2003, 68, .	3.2	48
30	Ferroelectric Domain Walls in PbTiO₃ Are Effective Regulators of Heat Flow at Room Temperature. Nano Letters, 2019, 19, 7901-7907.	9.1	48
31	Toward a magnetoresistive chip cytometer: Integrated detection of magnetic beads flowing at cm/s velocities in microfluidic channels. Applied Physics Letters, 2009, 95, 034104.	3.3	47
32	Strain-Induced Ferromagnetism and Magnetoresistance in Epitaxial Thin Films of LaCoO₃ Prepared by Polymer-Assisted Deposition. Chemistry of Materials, 2013, 25, 55-58.	6.7	42
33	Thickness dependence of exchange coupling in epitaxial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Fe</mml:mi><mml:mn mathvariant="bold">3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mn mathvariant="bold">4</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:msub><mml:mi mathvariant="	3.2	40
34	Suppression of Ferromagnetic Double Exchange by Vibronic Phase Segregation. Physical Review Letters, 2006, 96, 016402.	7.8	38
35	Electron scattering near an itinerant to localized electronic transition. Physical Review B, 2003, 67, .	3.2	37
36	Role of Doping and Dimensionality in the Superconductivity of NaxCoO2. Chemistry of Materials, 2005, 17, 1965-1968.	6.7	37

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37	Strong ferroâ€“antiferromagnetic competition and charge ordering in Pr0.67Ca0.33MnO3. Solid State Communications, 1999, 110, 179-183.	1.9	35
38	Phase competition inL0.5A0.5MnO3perovskites. Physical Review B, 2002, 66, .	3.2	35
39	Effect of Submicrometer Clustering on the Magnetic Properties of Free-Standing Superparamagnetic Nanocomposites. Journal of Physical Chemistry C, 2008, 112, 13099-13104.	3.1	34
40	Experimental study of charge ordering transition in Pr0.67Ca0.33MnO3. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 475-476.	2.3	33
41	Anomalous and planar Nernst effects in thin films of the half-metallic ferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow>0.2</mml:mrow></mml:msub><mml:mn>2</mml:mn></mml:mrow></mml:math> Physical Review B, 2014, 90, .	3.2	33
42	Bond-length fluctuations in transition-metal oxoperovskites. Journal of Solid State Chemistry, 2003, 175, 116-123.	2.9	32
43	Thermoelectric properties of heavy-element doped CrN. Applied Physics Letters, 2014, 104, 022103.	3.3	30
44	Hybrid plasmonic nanoresonators as efficient solar heat shields. Nano Energy, 2017, 37, 118-125.	16.0	30
45	Room-Temperature Ferromagnetism in Thin Films of LaMnO₃ Deposited by a Chemical Method Over Large Areas. ACS Applied Materials & Interfaces, 2015, 7, 5410-5414.	8.0	29
46	Tunable resistivity exponents in the metallic phase of epitaxial nickelates. Nature Communications, 2020, 11, 2949.	12.8	29
47	Suppression of the magnetic phase transition in manganites close to the metal-insulator crossover. Physical Review B, 2004, 70, .	3.2	28
48	Electric and Mechanical Switching of Ferroelectric and Resistive States in Semiconducting BaTiO_{3â€“}₁ Films on Silicon. Small, 2017, 13, 1701614.	10.0	28
49	Interface Magnetic Coupling in Epitaxial Bilayers of La_{0.92}MnO₃/LaCoO₃ Prepared by Polymer-Assisted Deposition. Chemistry of Materials, 2014, 26, 1480-1484.	6.7	25
50	Oxygen vacancies in strained <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></m thin films: Formation enthalpy and manipulation. Physical Review B, 2017, 95, .	3.2	25
51	Polymer assisted deposition of epitaxial oxide thin films. Journal of Materials Chemistry C, 2018, 6, 3834-3844.	5.5	25
52	Tunable Performance of Manganese Oxide Nanostructures as MRI Contrast Agents. Chemistry - A European Journal, 2018, 24, 1295-1303.	3.3	25
53	Quenched disorder suppression of the first-order magnetic phase transition in manganites. Physical Review B, 2007, 76, .	3.2	24
54	Effect of spin fluctuations on the thermodynamic and transport properties of the itinerant ferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CoS</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms Physical Review B, 2008, 78, .	3.2	24

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55	Electronic Degeneracy and Intrinsic Magnetic Properties of Epitaxial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Nb</mml:mi><mml:mo>:</mml:mo><mml:mtext>â€‰</mml:mtext><mml:msub><mml:mrow>Films Controlled by Defects. Physical Review Letters, 2015, 115, 166801.	7.8	24
56	Electron spin resonance and magnetization in perovskite and pyrochlore manganites. Journal of Applied Physics, 1998, 83, 7201-7203.	2.5	23
57	Enhanced Dimerization of TiOCl under Pressure: Spin-Peierls to Peierls Transition. Physical Review Letters, 2009, 102, 056406.	7.8	23
58	Metalâ€“Insulator Transition and Magnetic Properties of La1â^'xEuxNiO3 (0â‰¤xâ‰¤1). Journal of Solid State Chemistry, 2000, 151, 1-11.	2.9	22
59	Role of t2gversus egInteractions in the Physical Properties of A2OBO3(A = Mn, Fe). Chemistry of Materials, 2006, 18, 4547-4552.	6.7	22
60	Nonmonotonic evolution of the blocking temperature in dispersions of superparamagnetic nanoparticles. Physical Review B, 2010, 82, .	3.2	21
61	Electronic and magnetic phase diagram of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Cr</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2010, 82, .	3.2	21
62	Spin Hall magnetoresistance in a low-dimensional Heisenberg ferromagnet. Physical Review B, 2019, 100, .	3.2	21
63	Nature of the high-pressure tricritical point in MnSi. Physical Review B, 2009, 79, .	3.2	20
64	Orbital fluctuations in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>Mott insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Sr</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:msub	3.2	20
65	Electronâ€“Phonon Coupling and Electronâ€“Phonon Scattering in SrVO₃. Advanced Science, 2021, 8, e2004207.	11.2	20
66	Independent Control of the Magnetization in Ferromagnetic La_{2/3}Sr_{1/3}MnO₃/SrTiO₃/LaCoO₃ Heterostructures Achieved by Epitaxial Lattice Mismatch. Nano Letters, 2016, 16, 1736-1740.	9.1	19
67	Sub-Î¼K measurements of the thermal conductivity and heat capacity of liquids. Physical Chemistry Chemical Physics, 2018, 20, 7277-7281.	2.8	19
68	Orbital, charge, and spin couplings in Ru<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub><mml:msup><mml:mrow /><mml:mrow><mml:mn>5</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:mrow></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	18
69	High quality thin films of thermoelectric misfit cobalt oxides prepared by a chemical solution method. Scientific Reports, 2015, 5, 11889.	3.3	18
70	Motional Narrowing of Electron Spin Resonance Absorption in the Plastic-Crystal Phase of [(CH₃)₄N]FeCl₄. Journal of Physical Chemistry C, 2018, 122, 27769-27774.	3.1	18
71	Thermoelectric properties and intrinsic conduction processes in DBSA and NaSIPA doped polyanilines. Synthetic Metals, 2018, 243, 44-50.	3.9	18
72	Evolution of polaron size inLa2â^'xSrxNiO4. Physical Review B, 2002, 66, .	3.2	17

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73	VO: A strongly correlated metal close to a Mott-Hubbard transition. Physical Review B, 2007, 76, .	3.2	17
74	Effect of porosity on FMR linewidth of Ln0.67A0.33MnO3 (Ln î—» La, Pr; A î—» Ca, Sr). Journal of Magnetism and Magnetic Materials, 1999, 196-197, 470-472.	2.3	16
75	Ultrasonic evidence of an uncorrelated cluster formation temperature in manganites with first-order magnetic transition at the Curie temperature. Physical Review B, 2003, 68, .	3.2	16
76	Magnetic Field Induced Transition in Vanadium Spinels. Physical Review Letters, 2014, 112, 017207.	7.8	16
77	Thermodynamic conditions during growth determine the magnetic anisotropy in epitaxial thin-films of La_{0.7}Sr_{0.3}MnO₃. Journal Physics D: Applied Physics, 2016, 49, 315001.	2.8	16
78	Roomâ€Temperature AFM Electricâ€Fieldâ€Induced Topotactic Transformation between Perovskite and Brownmillerite SrFeO_x with Subâ€Micrometer Spatial Resolution. Advanced Functional Materials, 2019, 29, 1901984.	14.9	15
79	Multifunctional properties and multi-energy storage in the [(CH₃)₃S][FeCl₄] plastic crystal. Journal of Materials Chemistry C, 2020, 8, 13686-13694.	5.5	15
80	Magnetic and intergranular transport properties in manganite/alumina composites. Journal of Non-Crystalline Solids, 2001, 287, 324-328.	3.1	14
81	Jahn-Teller vibrational anisotropy determines the magnetic structure in orthomanganites. Physical Review B, 2001, 64, .	3.2	14
82	Rapidly fluctuating orbital occupancy above the orbital ordering transition in spin-gap compounds. Physical Review B, 2011, 83, .	3.2	14
83	Quantification of the interfacial and bulk contributions to the longitudinal spin Seebeck effect. Applied Physics Letters, 2021, 118, .	3.3	14
84	Effects of the progressive substitution of La3+ by Gd3+ in the magnetic and transport properties of La2/3Ca1/3MnO3. Journal of Magnetism and Magnetic Materials, 2002, 238, 293-300.	2.3	13
85	Pressure-induced metalâ€“insulator transition in. Physica B: Condensed Matter, 2008, 403, 1639-1641.	2.7	13
86	The Magnetic Phase Transition of CoS$_{2 - {m x}}$Se$_{{m x}}$. IEEE Transactions on Magnetics, 2008, 44, 4503-4505.	2.1	13
87	Tuning Oxygen Vacancy Diffusion through Strain in SrTiO3 Thin Films. ACS Applied Materials & Interfaces, 2018, 10, 35367-35373.	8.0	13
88	Tunnel Magnetoresistance in Self-Assemblies of Exchange-Coupled Core/Shell Nanoparticles. Physical Review Applied, 2019, 11, .	3.8	13
89	Electronic structure and magnetic exchange interactions of Cr-based van der Waals ferromagnets. A comparative study between CrBr3 and Cr2Ge2Te6. Journal of Materials Chemistry C, 2020, 8, 13582-13589.	5.5	13
90	Chemical solution synthesis and ferromagnetic resonance of epitaxial thin films of yttrium iron garnet. Physical Review Materials, 2017, 1, .	2.4	13

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91	Crossover from anisotropic to isotropic transport inR2/3A1/3MnO3perovskites determined by crystal symmetry. Physical Review B, 2000, 61, 5857-5859.	3.2	12
92	Spontaneous magnetostriction in La2/3(Ca1â”'x Srx) 1/3MnO3 (x=0, 0.05, 0.15, 0.25 and 1.0) near TC and its field dependence. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 582-584.	2.3	11
93	Identification of first- and second-order magnetic phase transitions in ferromagnetic perovskites. Physica B: Condensed Matter, 2002, 320, 23-25.	2.7	11
94	BOND-LENGTH FLUCTUATIONS IN TRANSITION-METAL OXIDES. Modern Physics Letters B, 2005, 19, 1057-1081.	1.9	11
95	Apparent auxetic to non-auxetic crossover driven by Co2+ redistribution in CoFe2O4 thin films. APL Materials, 2019, 7, .	5.1	11
96	Novel collective magnetic relaxation phenomena in manganites: a spin-glass behavior?. Physica B: Condensed Matter, 2004, 354, 1-6.	2.7	10
97	Tunnel Conduction in Epitaxial Bilayers of Ferromagnetic LaCoO₃/La_{2/3}Sr_{1/3}MnO₃ Deposited by a Chemical Solution Method. ACS Applied Materials & Interfaces, 2014, 6, 21279-21285.	8.0	10
98	Epitaxial stabilization of pulsed laser deposited Srn+1IrnO3n+1 thin films: Entangled effect of growth dynamics and strain. APL Materials, 2018, 6, .	5.1	10
99	Magnetic and electric properties of Sr2FeMoO6. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 895-897.	2.3	9
100	Low-temperature spin excitations in frustrated ZnCr<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>probed by high-field thermal conductivity. Physical Review B, 2013, 87, .	3.2	9
101	Strong interfacial magnetic coupling in epitaxial bilayers of LaCoO3/LaMnO3 prepared by chemical solution deposition. Thin Solid Films, 2014, 553, 81-84.	1.8	9
102	Effect of epitaxial strain and vacancies on the ferroelectric-like response of CaTiO3 thin films. Applied Physics Letters, 2018, 113, .	3.3	9
103	Magnetic Relaxation of Î³-Fe₂O₃ Nanoparticles Arrangements and Electronic Phase-Segregated Systems. Journal of Nanoscience and Nanotechnology, 2008, 8, 2883-2890.	0.9	9
104	Effects of electrochemical reduction on the magnetotransport properties of La0.67Ca0.33MnO3Â±Î´ nanoparticles. Journal of Magnetism and Magnetic Materials, 1999, 203, 253-255.	2.3	8
105	Lattice effects and phase competition in charge ordered manganites. Journal of Applied Physics, 2002, 91, 7412.	2.5	8
106	Integration of functional complex oxide nanomaterials on silicon. Frontiers in Physics, 2015, 3, .	2.1	8
107	Topotactic transformation in SrFeO3â”' Î´ triggered by low-dose Ga+ focused ion irradiation. Applied Physics Letters, 2020, 116, .	3.3	8
108	Reduction of thermal conductivity in ferroelectric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> thin films. Physical Review Materials, 2020, 4, .	2.4	8

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109	Vâ€“V bond length fluctuations in VO x. Europhysics Letters, 2003, 61, 527-533.	2.0	7
110	Electron-phonon coupling through the orthorhombic to rhombohedral phase transition in La2/3(Ca1âˆ’xSrx)1/3MnO3 manganites. Journal of Luminescence, 2008, 128, 992-994.	3.1	7
111	Competing Magnetism and Superconductivity in NaxCoO2 at Half Doping. Journal of the American Chemical Society, 2009, 131, 9632-9633.	13.7	7
112	Nonmonotonic evolution of the charge gap in ZnV<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>under pressure. Physical Review B, 2012, 86, .	3.2	7
113	Possible quantum criticality inNaxCoO2. Physical Review B, 2006, 73, .	3.2	6
114	Strain-induced enhancement of the thermoelectric power in thin films of hole-doped La2NiO4+Î´. APL Materials, 2013, 1, .	5.1	6
115	Thermopower and hall effect in silicon nitride composites containing thermally reduced graphene and pure graphene nanosheets. Ceramics International, 2016, 42, 11341-11347.	4.8	6
116	Comment on â€œParamagnetic anomalies above the Curie temperature and colossal magnetoresistance in optimally doped manganitesâ€• Physical Review B, 2001, 64, .	3.2	5
117	Characterization of the charge order to ferromagnetic crossover behavior in (LayPr1âˆ’y)0.5Ca0.5MnO3. Physica B: Condensed Matter, 2004, 354, 47-50.	2.7	5
118	Conduction-electron spin resonance and spin-density fluctuations of CoS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />		

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127	Hydrophobic solvation increases thermal conductivity of water. Physical Chemistry Chemical Physics, 2020, 22, 21094-21098.	2.8	3
128	A New Type of Supramolecular Fluid Based on H₂Oâ€“Alkylammonium/Phosphonium Solutions. Angewandte Chemie - International Edition, 2021, 60, 7540-7546.	13.8	3
129	Reply to â€œComment on â€˜Nature of the high-pressure tricritical point in MnSi' â€• Physical Review B, 2009, 80, .	3.2	2
130	High-pressure magnetic and structural properties of TiOX (X=Cl, Br). Journal of Magnetism and Magnetic Materials, 2010, 322, 1069-1071.	2.3	2
131	Questionable collapse of the bulk modulus in CrN. Nature Materials, 2010, 9, 284-284.	27.5	2
132	Design for maximum power transfer efficiency of thermoelectric generators using mixed mode simulations. , 2016, , .		2
133	Alternative Derivation of the Maxwell Distribution of Speeds. Journal of Chemical Education, 2019, 96, 2063-2065.	2.3	2
134	InteraciÃ³n electrÃ³n-fonÃ³n en manganitas: efecto en el transporte elÃ©ctrico y en la magnetizaciÃ³n. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2006, 45, 175-177.	1.9	2
135	Austen in Amsterdam: Isotope effect in a liquid-liquid transition in supercooled aqueous solution. Journal of Non-Crystalline Solids: X, 2022, 13, 100077.	1.2	2
136	Transport properties in Gd doped La2/3Ca1/3MnO3. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 665-667.	2.3	1
137	Influence of the Ca²⁺ inhomogeneity distribution in the physical properties of La_{0.625}Ca_{0.375}MnO₃. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 2620-2623.	0.8	1
138	Low temperature glass/crystal transition in ionic liquids determined by H-bond vs. coulombic strength. Physical Chemistry Chemical Physics, 2020, 22, 20524-20530.	2.8	1
139	Titelbild: A New Type of Supramolecular Fluid Based on H₂Oâ€“Alkylammonium/Phosphonium Solutions (Angew. Chem. 14/2021). Angewandte Chemie, 2021, 133, 7525-7525.	2.0	1
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141	Electron paramagnetic resonance and magnetization in Co doped La2/3Ca1/3MnO3. Journal of Applied Physics, 2001, 89, 7422-7424.	2.5	0
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