

# Francisco Rivadulla

## List of Publications by Year in descending order

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148  
papers

4,804  
citations

101384

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110170

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154  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Austen in Amsterdam: Isotope effect in a liquid-liquid transition in supercooled aqueous solution. <i>Journal of Non-Crystalline Solids: X</i> , 2022, 13, 100077.	0.5	2
2	A New Type of Supramolecular Fluid Based on H <sub>2</sub> O-Alkylammonium/Phosphonium Solutions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7540-7546.	7.2	3
3	A New Type of Supramolecular Fluid Based on H <sub>2</sub> O-Alkylammonium/Phosphonium Solutions. <i>Angewandte Chemie</i> , 2021, 133, 7618-7624.	1.6	0
4	Titelbild: A New Type of Supramolecular Fluid Based on H <sub>2</sub> O-Alkylammonium/Phosphonium Solutions ( <i>Angew. Chem.</i> 14/2021). <i>Angewandte Chemie</i> , 2021, 133, 7525-7525.	1.6	1
5	Quantification of the interfacial and bulk contributions to the longitudinal spin Seebeck effect. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	14
6	Electron-Phonon Coupling and Electron-Phonon Scattering in SrVO <sub>3</sub> . <i>Advanced Science</i> , 2021, 8, e2004207.	5.6	20
7	Deconvolution of Phonon Scattering by Ferroelectric Domain Walls and Point Defects in a PbTiO <sub>3</sub> Thin Film Deposited in a Composition-Spread Geometry. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 45679-45685.	4.0	5
8	Tuning Coherent-Phonon Heat Transport in LaCoO <sub>3</sub> /SrTiO <sub>3</sub> Superlattices. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11878-11885.	2.1	5
9	Interfacial stability and ionic conductivity enhanced by dopant segregation in eutectic ceramics: the role of Gd segregation in doped CeO <sub>2</sub> /CoO and CeO <sub>2</sub> /NiO interfaces. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2591-2601.	5.2	5
10	Large thermoelectric power variations in epitaxial thin films of layered perovskite GdBaCo <sub>2</sub> O <sub>5.5±</sub> with a different preferred orientation and strain. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19975-19983.	5.2	5
11	Multifunctional properties and multi-energy storage in the [(CH <sub>3</sub> ) <sub>3</sub> S][FeCl <sub>4</sub> ] plastic crystal. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13686-13694.	2.7	15
12	Hydrophobic solvation increases thermal conductivity of water. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21094-21098.	1.3	3
13	Low temperature glass/crystal transition in ionic liquids determined by H-bond vs. coulombic strength. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 20524-20530.	1.3	1
14	Topotactic transformation in SrFeO <sub>3</sub> triggered by low-dose Ga <sup>+</sup> focused ion irradiation. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	8
15	Tunable resistivity exponents in the metallic phase of epitaxial nickelates. <i>Nature Communications</i> , 2020, 11, 2949.	5.8	29
16	Electronic structure and magnetic exchange interactions of Cr-based van der Waals ferromagnets. A comparative study between CrBr <sub>3</sub> and Cr <sub>2</sub> Ge <sub>2</sub> Te <sub>6</sub> . <i>Journal of Materials Chemistry C</i> , 2020, 8, 13582-13589.	2.7	13
17	Reduction of thermal conductivity in ferroelectric SrTiO <sub>3</sub> thin films. <i>Physical Review Materials</i> , 2020, 4, .		
18	Alternative Derivation of the Maxwell Distribution of Speeds. <i>Journal of Chemical Education</i> , 2019, 96, 2063-2065.	1.1	2

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19	Ferroelectric Domain Walls in $\text{PbTiO}_3$ Are Effective Regulators of Heat Flow at Room Temperature. <i>Nano Letters</i> , 2019, 19, 7901-7907.	4.5	48
20	Spin Hall magnetoresistance in a low-dimensional Heisenberg ferromagnet. <i>Physical Review B</i> , 2019, 100, .	1.1	21
21	Room-Temperature AFM Electric-Field-Induced Topotactic Transformation between Perovskite and Brownmillerite $\text{SrFeO}_{x-1}$ with Sub-Micrometer Spatial Resolution. <i>Advanced Functional Materials</i> , 2019, 29, 1901984.	7.8	15
22	Tunnel Magnetoresistance in Self-Assemblies of Exchange-Coupled Core/Shell Nanoparticles. <i>Physical Review Applied</i> , 2019, 11, .	1.5	13
23	Apparent auxetic to non-auxetic crossover driven by $\text{Co}^{2+}$ redistribution in $\text{CoFe}_2\text{O}_4$ thin films. <i>APL Materials</i> , 2019, 7, .	2.2	11
24	Crystallographic Transformation: Room-Temperature AFM Electric-Field-Induced Topotactic Transformation between Perovskite and Brownmillerite $\text{SrFeO}_{x-1}$ with Sub-Micrometer Spatial Resolution (Adv. Funct. Mater. 48/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970330.	7.8	0
25	Sub- $\frac{1}{4}$ L measurements of the thermal conductivity and heat capacity of liquids. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 7277-7281.	1.3	19
26	Polymer assisted deposition of epitaxial oxide thin films. <i>Journal of Materials Chemistry C</i> , 2018, 6, 3834-3844.	2.7	25
27	Tunable Performance of Manganese Oxide Nanostructures as MRI Contrast Agents. <i>Chemistry - A European Journal</i> , 2018, 24, 1295-1303.	1.7	25
28	Motional Narrowing of Electron Spin Resonance Absorption in the Plastic-Crystal Phase of $[(\text{CH}_3)_4\text{N}]\text{FeCl}_4$ . <i>Journal of Physical Chemistry C</i> , 2018, 122, 27769-27774.	1.5	18
29	Tuning Oxygen Vacancy Diffusion through Strain in $\text{SrTiO}_3$ Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 35367-35373.	4.0	13
30	Effect of epitaxial strain and vacancies on the ferroelectric-like response of $\text{CaTiO}_3$ thin films. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	9
31	Epitaxial stabilization of pulsed laser deposited $\text{Sr}_{1-x}\text{Ir}_x\text{O}_{3-x}$ thin films: Entangled effect of growth dynamics and strain. <i>APL Materials</i> , 2018, 6, .	2.2	10
32	Thermoelectric properties and intrinsic conduction processes in DBSA and NaSIPA doped polyanilines. <i>Synthetic Metals</i> , 2018, 243, 44-50.	2.1	18
33	Hybrid plasmonic nanoresonators as efficient solar heat shields. <i>Nano Energy</i> , 2017, 37, 118-125.	8.2	30
34	Electric and Mechanical Switching of Ferroelectric and Resistive States in Semiconducting $\text{BaTiO}_3$ Films on Silicon. <i>Small</i> , 2017, 13, 1701614.	5.2	28
35	Oxygen vacancies in strained $\text{SrTiO}_3$ thin films: Formation enthalpy and manipulation. <i>Physical Review B</i> , 2017, 95, .		
36	Chemical solution synthesis and ferromagnetic resonance of epitaxial thin films of yttrium iron garnet. <i>Physical Review Materials</i> , 2017, 1, .	0.9	13

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37	Analysis of the temperature dependence of the thermal conductivity of insulating single crystal oxides. APL Materials, 2016, 4, 104815.	2.2	51
38	Thermodynamic conditions during growth determine the magnetic anisotropy in epitaxial thin-films of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ . Journal Physics D: Applied Physics, 2016, 49, 315001.	1.3	16
39	Temperature dependence of exchange coupling in epitaxial $\text{Fe}_3\text{O}_4/\text{O}$ thin films. Physical Review B, 2016, 94, .	1.1	40
40	Infrared study of the magnetostructural phase transition in correlated CrN. Physical Review B, 2016, 94, .	1.1	5
41	Thermopower and hall effect in silicon nitride composites containing thermally reduced graphene and pure graphene nanosheets. Ceramics International, 2016, 42, 11341-11347.	2.3	6
42	Design for maximum power transfer efficiency of thermoelectric generators using mixed mode simulations. , 2016, , .		2
43	Independent Control of the Magnetization in Ferromagnetic $\text{La}_{2/3}\text{Sr}_{1/3}\text{MnO}_3/\text{SrTiO}_3/\text{LaCoO}_3$ Heterostructures Achieved by Epitaxial Lattice Mismatch. Nano Letters, 2016, 16, 1736-1740.	4.5	19
44	Electronic Degeneracy and Intrinsic Magnetic Properties of Epitaxial $\text{Nb}_2\text{O}_5$ Films Controlled by Defects. Physical Review Letters, 2015, 115, 166801.	2.9	24
45	Integration of functional complex oxide nanomaterials on silicon. Frontiers in Physics, 2015, 3, .	1.0	8
46	Room-Temperature Ferromagnetism in Thin Films of $\text{LaMnO}_3$ Deposited by a Chemical Method Over Large Areas. ACS Applied Materials & Interfaces, 2015, 7, 5410-5414.	4.0	29
47	Epitaxial CrN Thin Films with High Thermoelectric Figure of Merit. Advanced Materials, 2015, 27, 3032-3037.	11.1	59
48	High quality thin films of thermoelectric misfit cobalt oxides prepared by a chemical solution method. Scientific Reports, 2015, 5, 11889.	1.6	18
49	Tunnel Conduction in Epitaxial Bilayers of Ferromagnetic $\text{LaCoO}_3/\text{La}_{2/3}\text{Sr}_{1/3}\text{MnO}_3$ Deposited by a Chemical Solution Method. ACS Applied Materials & Interfaces, 2014, 6, 21279-21285.	4.0	10
50	Strong interfacial magnetic coupling in epitaxial bilayers of $\text{LaCoO}_3/\text{LaMnO}_3$ prepared by chemical solution deposition. Thin Solid Films, 2014, 553, 81-84.	0.8	9
51	Magnetic Field Induced Transition in Vanadium Spinels. Physical Review Letters, 2014, 112, 017207.	2.9	16
52	Anomalous and planar Nernst effects in thin films of the half-metallic ferromagnet $\text{La}_{1-x}\text{Sr}_x\text{MnO}_2$ . Physical Review B, 2014, 90, .	1.5	15
53	Interface Magnetic Coupling in Epitaxial Bilayers of $\text{La}_{0.92}\text{MnO}_3/\text{LaCoO}_3$ Prepared by Polymer-Assisted Deposition. Chemistry of Materials, 2014, 26, 1480-1484.	3.2	25
54	Thermoelectric properties of heavy-element doped CrN. Applied Physics Letters, 2014, 104, 022103.	1.5	30

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55	Strain-Induced Ferromagnetism and Magnetoresistance in Epitaxial Thin Films of $\text{LaCoO}_3$ Prepared by Polymer-Assisted Deposition. Chemistry of Materials, 2013, 25, 55-58.	3.2	42
56	Low-temperature spin excitations in frustrated $\text{ZnCr}_2\text{O}_4$ probed by high-field thermal conductivity. Physical Review B, 2013, 87, .	1.1	9
57	Strain-induced enhancement of the thermoelectric power in thin films of hole-doped $\text{La}_2\text{NiO}_4+\hat{\Gamma}$ . APL Materials, 2013, 1, .	2.2	6
58	Synthesis and magnetic properties of manganite thin films on Si by polymer assisted (PAD) and pulsed laser deposition (PLD).. Materials Research Society Symposia Proceedings, 2012, 1449, 19.	0.1	0
59	Orbital, charge, and spin couplings in $\text{ZnV}_2\text{O}_7$ . Physical Review B, 2012, 86, .	1.1	18
60	Nonmonotonic evolution of the charge gap in $\text{ZnV}_2\text{O}_7$ under pressure. Physical Review B, 2012, 86, .	1.1	7
61	Highly Transparent and Conductive Films of Densely Aligned Ultrathin Au Nanowire Monolayers. Nano Letters, 2012, 12, 6066-6070.	4.5	109
62	Dielectric properties and magnetostriction of the collinear multiferroic spinel $\text{CdV}_2\text{O}_7$ . Physical Review B, 2011, 83, .	1.1	73
63	Rapidly fluctuating orbital occupancy above the orbital ordering transition in spin-gap compounds. Physical Review B, 2011, 83, .	1.1	14
64	Conduction-electron spin resonance and spin-density fluctuations of $\text{CoS}_2$ . Physical Review B, 2011, 83, .		

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73	Thermoelectric properties of stoichiometric and hole-doped CrN. Applied Physics Letters, 2009, 94, .	1.5	58
74	Magnetocrystalline interactions in $\text{MnCr}_2\text{O}_4$ . Physical Review B, 2009, 80, .	2.1	56
75	Nature of the high-pressure tricritical point in MnSi. Physical Review B, 2009, 79, .	1.1	20
76	Reply to "Comment on 'Nature of the high-pressure tricritical point in MnSi'" Physical Review B, 2009, 80, .	1.1	2
77	Toward a magnetoresistive chip cytometer: Integrated detection of magnetic beads flowing at cm/s velocities in microfluidic channels. Applied Physics Letters, 2009, 95, 034104.	1.5	47
78	Reduction of the bulk modulus at high pressure in CrN. Nature Materials, 2009, 8, 947-951.	13.3	154
79	Electronic structure of dimerized spinel ZnV <sub>2</sub> O <sub>4</sub> . Journal of Magnetism and Magnetic Materials, 2009, 321, 679-681.	1.0	3
80	Enhanced Dimerization of TiOCl under Pressure: Spin-Peierls to Peierls Transition. Physical Review Letters, 2009, 102, 056406.	2.9	23
81	Competing Magnetism and Superconductivity in Na <sub>x</sub> CoO <sub>2</sub> at Half Doping. Journal of the American Chemical Society, 2009, 131, 9632-9633.	6.6	7
82	Pressure-induced metal-insulator transition in. Physica B: Condensed Matter, 2008, 403, 1639-1641.	1.3	13
83	Electron-phonon coupling through the orthorhombic to rhombohedral phase transition in La <sub>2/3</sub> (Ca <sub>1-x</sub> Sr <sub>x</sub> ) <sub>1/3</sub> MnO <sub>3</sub> manganites. Journal of Luminescence, 2008, 128, 992-994.	1.5	7
84	The Magnetic Phase Transition of CoS <sub>2-x</sub> Se <sub>x</sub> . IEEE Transactions on Magnetics, 2008, 44, 4503-4505.	1.2	13
85	Homopolar Bond Formation in ZnV <sub>2</sub> O <sub>4</sub> Close to a Metal-Insulator Transition. Physical Review Letters, 2008, 101, 256403.	2.9	60
86	Effect of Submicrometer Clustering on the Magnetic Properties of Free-Standing Superparamagnetic Nanocomposites. Journal of Physical Chemistry C, 2008, 112, 13099-13104.	1.5	34
87	Effect of spin fluctuations on the thermodynamic and transport properties of the itinerant ferromagnet CoS <sub>2</sub> . Physical Review B, 2008, 78, .	1.1	24
88	Magnetic Relaxation of Fe <sub>2</sub> O <sub>3</sub> Nanoparticles Arrangements and Electronic Phase-Segregated Systems. Journal of Nanoscience and Nanotechnology, 2008, 8, 2883-2890.	0.9	9
89	Magnetic relaxation of gamma-Fe <sub>2</sub> O <sub>3</sub> nanoparticles arrangements and electronic phase-segregated systems. Journal of Nanoscience and Nanotechnology, 2008, 8, 2883-90.	0.9	1
90	VO: A strongly correlated metal close to a Mott-Hubbard transition. Physical Review B, 2007, 76, .	1.1	17

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91	Quenched disorder suppression of the first-order magnetic phase transition in manganites. Physical Review B, 2007, 76, 040402.	1.1	24
92	Enhanced Pressure Dependence of Magnetic Exchange in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ . Physical Review Letters, 2006, 96, 016402.	2.9	62
93	Role of $t_2g$ versus $e_g$ interactions in the Physical Properties of $\text{A}_2\text{OBO}_3$ (A = Mn, Fe). Chemistry of Materials, 2006, 18, 4547-4552.	3.2	22
94	Suppression of Ferromagnetic Double Exchange by Vibronic Phase Segregation. Physical Review Letters, 2006, 96, 016402.	2.9	38
95	Study of phase separation through the charge order to ferromagnetic crossover in $(\text{La}_{1-y}\text{Pr}_y)\text{O}_5\text{Ca}_0.5\text{MnO}_3$ . Physica B: Condensed Matter, 2006, 384, 65-67.	1.3	0
96	Possible quantum criticality in $\text{Na}_x\text{CoO}_2$ . Physical Review B, 2006, 73, .	1.1	6
97	Interacción electrón-fonón en manganitas: efecto en el transporte electrónico y en la magnetización. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2006, 45, 175-177.	0.9	2
98	Role of Doping and Dimensionality in the Superconductivity of $\text{Na}_x\text{CoO}_2$ . Chemistry of Materials, 2005, 17, 1965-1968.	3.2	37
99	Novel Collective Magnetic Relaxation Phenomena in Manganites. A Spin-Glass Behavior?. ChemInform, 2005, 36, no.	0.1	0
100	BOND-LENGTH FLUCTUATIONS IN TRANSITION-METAL OXIDES. Modern Physics Letters B, 2005, 19, 1057-1081.	1.0	11
101	Suppression of the magnetic phase transition in manganites close to the metal-insulator crossover. Physical Review B, 2004, 70, .	1.1	28
102	Characterization of the charge order to ferromagnetic crossover behavior in $(\text{La}_{1-y}\text{Pr}_y)\text{O}_5\text{Ca}_0.5\text{MnO}_3$ . Physica B: Condensed Matter, 2004, 354, 47-50.	1.3	5
103	Novel collective magnetic relaxation phenomena in manganites: a spin-glass behavior?. Physica B: Condensed Matter, 2004, 354, 1-6.	1.3	10
104	Origin of the Glassy Magnetic Behavior of the Phase Segregated State of the Perovskites. Physical Review Letters, 2004, 93, 167206.	2.9	151
105	Bond-length fluctuations in transition-metal oxoperovskites. Journal of Solid State Chemistry, 2003, 175, 116-123.	1.4	32
106	Intergranular magnetoresistance in nanomanganites. Nanotechnology, 2003, 14, 212-219.	1.3	172
107	Structural Transformation Induced by Magnetic Field and "Colossal-Like" Magnetoresistance Response above 313 K in MnAs. Physical Review Letters, 2003, 90, 097203.	2.9	97
108	Electron scattering near an itinerant to localized electronic transition. Physical Review B, 2003, 67, .	1.1	37

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109	Ultrasonic evidence of an uncorrelated cluster formation temperature in manganites with first-order magnetic transition at the Curie temperature. <i>Physical Review B</i> , 2003, 68, .	1.1	16
110	Chemical, structural, and transport properties of $\text{La}_{1-x}\text{CoO}_2$ . <i>Physical Review B</i> , 2003, 68, .	1.1	48
111	$V-V$ bond length fluctuations in $\text{VO}_x$ . <i>Europhysics Letters</i> , 2003, 61, 527-533.	0.7	7
112	Lattice effects and phase competition in charge ordered manganites. <i>Journal of Applied Physics</i> , 2002, 91, 7412.	1.1	8
113	Coexistence of paramagnetic-charge-ordered and ferromagnetic-metallic phases in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ evidenced by electron spin resonance. <i>Journal of Applied Physics</i> , 2002, 91, 785-788.	1.1	70
114	Tuning of the magnetocaloric effect in $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ nanoparticles synthesized by sol-gel techniques. <i>Journal of Applied Physics</i> , 2002, 91, 9943.	1.1	176
115	Evolution of polaron size in $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ . <i>Physical Review B</i> , 2002, 66, .	1.1	17
116	Phase competition in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ perovskites. <i>Physical Review B</i> , 2002, 66, .	1.1	35
117	Drop of magnetocaloric effect related to the change from first- to second-order magnetic phase transition in $\text{La}_{2/3}(\text{Ca}_{1-x}\text{Sr}_x)_{1/3}\text{MnO}_3$ . <i>Journal of Applied Physics</i> , 2002, 91, 8903.	1.1	136
118	Effects of the progressive substitution of $\text{La}^{3+}$ by $\text{Gd}^{3+}$ in the magnetic and transport properties of $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 238, 293-300.	1.0	13
119	Transport properties in Gd doped $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 242-245, 665-667.	1.0	1
120	Identification of first- and second-order magnetic phase transitions in ferromagnetic perovskites. <i>Physica B: Condensed Matter</i> , 2002, 320, 23-25.	1.3	11
121	Nonlinear behavior of $V-I$ curves at low temperatures in nanoparticles of $\text{La}_{2/3}\text{Ba}_{1/3}\text{MnO}_3$ with $B=\text{Ca}, \text{Sr}$ . <i>Physica B: Condensed Matter</i> , 2002, 320, 115-118.	1.3	3
122	Large magnetocaloric effect in manganites with charge order. <i>Applied Physics Letters</i> , 2001, 79, 2040-2042.	1.5	102
123	Magnetoresistance in manganite/alumina nanocrystalline composites. <i>Journal of Applied Physics</i> , 2001, 89, 1746.	1.1	104
124	Magnetic and intergranular transport properties in manganite/alumina composites. <i>Journal of Non-Crystalline Solids</i> , 2001, 287, 324-328.	1.5	14
125	Strong reduction of lattice effects in mixed-valence manganites related to crystal symmetry. <i>Physical Review B</i> , 2001, 65, .	1.1	86
126	Jahn-Teller vibrational anisotropy determines the magnetic structure in orthomanganites. <i>Physical Review B</i> , 2001, 64, .	1.1	14



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127	Magnetic and electric properties of Sr <sub>2</sub> FeMoO <sub>6</sub> . Journal of Magnetism and Magnetic Materials, 2001, 226-230, 895-897.	1.0	9
128	Spontaneous magnetostriction in La <sub>2/3</sub> (Ca <sub>1-x</sub> Sr <sub>x</sub> ) <sub>1/3</sub> MnO <sub>3</sub> (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.	1.0	11
129	Comment on "Paramagnetic anomalies above the Curie temperature and colossal magnetoresistance in optimally doped manganites". Physical Review B, 2001, 64, .	1.1	5
130	Electron paramagnetic resonance and magnetization in Co doped La <sub>2/3</sub> Ca <sub>1/3</sub> MnO <sub>3</sub> . Journal of Applied Physics, 2001, 89, 7422-7424.	1.1	0
131	Metal-Insulator Transition and Magnetic Properties of La <sub>1-x</sub> EuxNiO <sub>3</sub> (0 ≤ x ≤ 1). Journal of Solid State Chemistry, 2000, 151, 1-11.	1.4	22
132	Spin dynamics of Cr-doped La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> in the paramagnetic regime. Physica B: Condensed Matter, 2000, 284-288, 1418-1419.	1.3	4
133	Low field magnetoresistance effects in fine particles of La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> perovskites. Journal of Magnetism and Magnetic Materials, 2000, 221, 57-62.	1.0	116
134	Crossover from anisotropic to isotropic transport in R <sub>2/3</sub> A <sub>1/3</sub> MnO <sub>3</sub> perovskites determined by crystal symmetry. Physical Review B, 2000, 61, 5857-5859.	1.1	12
135	High-temperature properties of the Sr <sub>2</sub> FeMoO <sub>6</sub> double perovskite: Electrical resistivity, magnetic susceptibility, and ESR. Physical Review B, 2000, 62, 3340-3345.	1.1	97
136	Effect of Mn-site doping on the magnetotransport properties of the colossal magnetoresistance compound La <sub>2/3</sub> Ca <sub>1/3</sub> Mn <sub>1-x</sub> A <sub>x</sub> O <sub>3</sub> (A=Co,Cr;x < 0.1). Physical Review B, 2000, 62, 5678-5684.	1.1	63
137	Efectos intergranulares en perovskitas de manganeso nanocristalinas. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2000, 39, 259-262.	0.9	0
138	Electron-spin-resonance line broadening around the magnetic phase transition in manganites. Physical Review B, 1999, 60, 11922-11925.	1.1	48
139	Tuning of colossal magnetoresistance via grain size change in La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> . Journal of Applied Physics, 1999, 86, 3881-3884.	1.1	127
140	Strong ferro-antiferromagnetic competition and charge ordering in Pr <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> . Solid State Communications, 1999, 110, 179-183.	0.9	35
141	Effect of porosity on FMR linewidth of Ln <sub>0.67</sub> A <sub>0.33</sub> MnO <sub>3</sub> (Ln → La, Pr; A → Ca, Sr). Journal of Magnetism and Magnetic Materials, 1999, 196-197, 470-472.	1.0	16
142	Experimental study of charge ordering transition in Pr <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> . Journal of Magnetism and Magnetic Materials, 1999, 196-197, 475-476.	1.0	33
143	Effects of electrochemical reduction on the magnetotransport properties of La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> ± 1 nanoparticles. Journal of Magnetism and Magnetic Materials, 1999, 203, 253-255.	1.0	8
144	Change from first- to second-order magnetic phase transition in La <sub>2/3</sub> (Ca,Sr) <sub>1/3</sub> MnO <sub>3</sub> perovskites. Physical Review B, 1999, 60, 2998-3001.	1.1	314

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145	Influence of the grain-size and oxygen stoichiometry on magnetic and transport properties of polycrystalline $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 189, 321-328.	1.0	81
146	High-temperature spin dynamics in CMR manganites: ESR and magnetization. <i>Physical Review B</i> , 1998, 58, 3233-3239.	1.1	249
147	Electron spin resonance and magnetization in perovskite and pyrochlore manganites. <i>Journal of Applied Physics</i> , 1998, 83, 7201-7203.	1.1	23
148	Kinetics of the Formation of Particles in Microemulsions. <i>Langmuir</i> , 1997, 13, 1970-1977.	1.6	95