

Carlos Rettori

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

244
papers

3,924
citations

32
h-index

52
g-index

252
ext. papers

4,133
ext. citations

3.1
avg, IF

4.46
L-index

#	Paper	IF	Citations
244	Hyperspectral imaging thermometry assisted by upconverting nanoparticles: Experimental artifacts and accuracy. <i>Physica B: Condensed Matter</i> , 2022 , 629, 413639	2.8	2
243	Exchange interaction between localized magnetic moments and conduction-electrons in Er doped gold nanoparticles synthesized by laser ablation in water. <i>Journal of Applied Physics</i> , 2022 , 131, 213903	2.5	
242	Synthesis, characterization, and incorporation of upconverting nanoparticles into a dental adhesive. <i>Brazilian Oral Research</i> , 2021 , 35, e120	2.6	
241	Controlling the thermal switching in upconverting nanoparticles through surface chemistry. <i>Nanoscale</i> , 2021 , 13, 16267-16276	7.7	3
240	Probing Surface Effects on NaYF_4 Nanoparticles by Nuclear Magnetic Resonance. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 9523-9535	3.8	3
239	Upconversion Nanocomposite Materials With Designed Thermal Response for Optoelectronic Devices. <i>Frontiers in Chemistry</i> , 2019 , 7, 83	5	12
238	Self-Calibrated Double Luminescent Thermometers Through Upconverting Nanoparticles. <i>Frontiers in Chemistry</i> , 2019 , 7, 267	5	22
237	Conduction electrons in aperiodic versus periodic structures: An ESR study of quasicrystalline $\text{i-Y}(\text{Gd})\text{-Cd}$ and its approximant $\text{Y}(\text{Gd})\text{Cd}_6$. <i>Physical Review B</i> , 2019 , 100,	3.3	1
236	Thermoplasmonic Maskless Lithography on Upconverting Nanocomposites Assisted by Gold Nanostars. <i>ACS Applied Nano Materials</i> , 2019 , 2, 6889-6897	5.6	7
235	Electrochromic Switch Devices Mixing Small- and Large-Sized Upconverting Nanocrystals. <i>Advanced Functional Materials</i> , 2019 , 29, 1807758	15.6	48
234	Diffusive-like effects and possible non trivial local topology on the half-Heusler YPdBi compound. <i>AIP Advances</i> , 2018 , 8, 055713	1.5	3
233	Electrothermal silver nanowire thin films for In-Situ observation of thermally-driven chemical processes. <i>Sensors and Actuators B: Chemical</i> , 2018 , 259, 475-483	8.5	8
232	Single crystal growth and characterization of the intermetallic cubic cage system $\text{YCo}_{1.82}\text{Mn}_{0.18}\text{Zn}_{20}$. <i>Physica B: Condensed Matter</i> , 2018 , 536, 850-854	2.8	
231	Unusual evolution from a superconducting to an antiferromagnetic ground state in $\text{Y}_{1-x}\text{Gd}_x\text{Pb}_3$ ($0 \leq x \leq 1$). <i>Physical Review B</i> , 2018 , 97,	3.3	1
230	Thermoplasmonic enhancement of upconversion in small-size doped $\text{NaGd}(\text{Y})\text{F}$ nanoparticles coupled to gold nanostars. <i>Nanoscale</i> , 2018 , 10, 14687-14696	7.7	13
229	Crystal-field effects in Er^{3+} - and Yb^{3+} -doped hexagonal NaYF_4 nanoparticles. <i>Physical Review B</i> , 2017 , 96,	3.3	9
228	Conduction electrons mediating the evolution from antiferromagnetic to ferromagnetic ordering in $\text{Gd}(\text{Co}_{1-x}\text{Fe}_x)_2\text{Zn}_{20}$ ($0 \leq x \leq 1$). <i>Physical Review B</i> , 2017 , 95,	3.3	3

227	Anharmonic rattling vibrations effects in the ESR of Er ³⁺ doped SmB ₆ Kondo insulator. <i>AIP Advances</i> , 2017 , 7, 055709	1.5	4
226	Low temperature transport and thermodynamic properties of the Zintl compound Yb ₁₁ AlSb ₉ : A new Kondo lattice semiconductor. <i>Journal of Alloys and Compounds</i> , 2016 , 669, 60-65	5.7	3
225	Unusual diffusive effects on the ESR of Nd ³⁺ ions in the tunable topologically nontrivial semimetal YBiPt. <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 125601	1.8	9
224	Collapse of the Gd ³⁺ ESR fine structure throughout the coherent temperature of the Gd-doped Kondo Semiconductor CeFe ₄ P ₁₂ . <i>Physical Review B</i> , 2016 , 94,	3.3	5
223	Conduction electron spin resonance in the Yb _{1-x} FexAlB ₄ (0 ≤ x ≤ 0.50) and LuAlB ₄ compounds. <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 255601	1.8	2
222	Multiband electronic characterization of the complex intermetallic cage system Y _{1-x} GdxCo ₂ Zn ₂₀ . <i>Physical Review B</i> , 2015 , 92,	3.3	6
221	Electron Spin resonance of Gd ³⁺ in three dimensional topological insulator Bi ₂ Se ₃ . <i>Journal of Physics: Conference Series</i> , 2015 , 592, 012125	0.3	3
220	Gd ³⁺ spin-lattice relaxation via multi-band conduction electrons in Y(1-x)Gd(x)In ₃ : an electron spin resonance study. <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 175501	1.8	7
219	Absence of exchange interaction between localized magnetic moments and conduction-electrons in diluted Er ³⁺ gold-nanoparticles. <i>Journal of Applied Physics</i> , 2014 , 115, 17E128	2.5	1
218	Electron spin resonance of the half-Heusler antiferromagnet GdPdBi. <i>Solid State Communications</i> , 2014 , 177, 95-97	1.6	6
217	Magnetic polaron effect in Sr _{8-x} EuxGa ₁₆ Ge ₃₀ clathrates probed by electron spin resonance. <i>Physical Review B</i> , 2013 , 87,	3.3	6
216	Conduction electron spin resonance in AlB ₂ . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 216001	1.8	4
215	Delaminated vanadoaluminosilicate with [V,Al]-ITQ-18 structure. <i>Microporous and Mesoporous Materials</i> , 2012 , 156, 244-256	5.3	12
214	Exponential depletion of neutral dangling bonds density (D ₀) by rare-earth doping in amorphous Si films. <i>Physica B: Condensed Matter</i> , 2012 , 407, 3222-3224	2.8	1
213	Probing the localized to itinerant behavior of the 4f electron in CeIn _{3-x} Sn _x by Gd ³⁺ electron spin resonance. <i>Physical Review B</i> , 2012 , 86,	3.3	7
212	La doping effects in the coupling between localized and itinerant electronic states in EuFe ₂ As ₂ probed by Eu ²⁺ ESR. <i>Journal of Physics: Conference Series</i> , 2011 , 273, 012093	0.3	1
211	[V,Al]-ITQ-6: Novel porous material and the effect of delamination conditions on V sites and their distribution. <i>Microporous and Mesoporous Materials</i> , 2011 , 145, 108-117	5.3	14
210	Magnetic field dependence of the magnetic susceptibility and the specific heat of the doped plasticized polyaniline (PANI-DB3EPSA) _{0.5} . <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 206004	1.8	5

209	Electron spin resonance study of the $\text{LaIn}_{(3-x)}\text{Sn}_x$ superconducting system. <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 455701	1.8	9
208	Absence of exchange interaction between localized magnetic moments and conduction-electrons in magnetic ions diluted in Ag-nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 2126-31	1.3	3
207	Thermally activated exchange narrowing of the Gd^{3+} ESR fine structure in a single crystal of $\text{Ce}_{1-x}\text{Gd}_x\text{Fe}_4\text{P}_{12}$ ($x=0.001$) skutterudite. <i>Physical Review B</i> , 2011 , 84,	3.3	4
206	Eu^{2+} spin dynamics in the filled skutterudites $\text{EuM}_4\text{Sb}_{12}$ ($M=\text{Fe, Ru, Os}$). <i>Physical Review B</i> , 2011 , 84,	3.3	3
205	Quantum critical Kondo quasiparticles probed by ESR in YbAlB_4 . <i>Physical Review Letters</i> , 2011 , 107, 026402	7.4	22
204	The nature and enhancement of magnetic surface contribution in model NiO nanoparticles. <i>Nanotechnology</i> , 2010 , 21, 035602	3.4	27
203	Synthesis and tuning the exchange bias in Ni/NiO nanoparticulate systems. <i>Journal of Applied Physics</i> , 2010 , 107, 09D725	2.5	17
202	Improved route for the synthesis of colloidal NaYF_4 nanocrystals and electron spin resonance of Gd^{3+} local probe. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 5708-14	1.3	1
201	AgFe_3O_4 Dimer Colloidal Nanoparticles: Synthesis and Enhancement of Magnetic Properties. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 10148-10152	3.8	70
200	Experimental evidence for off-center rattling of Yb^{3+} in the skutterudite compounds of $\text{Ce}_{1-x}\text{Yb}_x\text{Fe}_4\text{P}_{12}$. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 012045	0.3	4
199	Gd^{3+} rattling triggered by a weak M^2 transition at 140 ± 60 K in the $\text{Ce}_{1-x}\text{Gd}_x\text{Fe}_4\text{P}_{12}$ ($x=0.001$) skutterudite compounds: An ESR study. <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 647-649	1.3	1
198	Magnetic field dependence and bottlenecklike behavior of the ESR spectra in YbRh_2Si_2 . <i>Physical Review B</i> , 2009 , 79,	3.3	22
197	Simultaneous observation of the magnetic and electric behavior in a correlated system near a metal-semiconductor transition: ESR in pellets of conducting polymers. <i>Physical Review B</i> , 2009 , 80,	3.3	1
196	Coexisting on-center and off-center Yb^{3+} sites in $\text{Ce}_{1-x}\text{Yb}_x\text{Fe}_4\text{P}_{12}$ skutterudites. <i>Physical Review B</i> , 2009 , 80,	3.3	8
195	Evidence for a subtle structural symmetry breaking in EuB_6 . <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 456007	1.8	6
194	Tuning the bottleneck effect in Ag metallic host doped with magnetic Gd and non-magnetic Sb ions. <i>Physica B: Condensed Matter</i> , 2009 , 404, 2723-2725	2.8	0
193	The g-value of Er^{3+} doped unfilled skutterudite CoSb_3 (Th) reveals the existence of an additional sixth order term in the crystal field Hamiltonian. <i>Physica B: Condensed Matter</i> , 2009 , 404, 3035-3037	2.8	1
192	Field-dependent collective ESR mode in YbRh_2Si_2 . <i>Physica B: Condensed Matter</i> , 2009 , 404, 2964-2968	2.8	4

191	Electron spin resonance (ESR) of Eu ²⁺ in type-I clathrate Eu ₈ Ga ₁₆ Ge ₃₀ . <i>Physica B: Condensed Matter</i> , 2009 , 404, 3300-3303	2.8	9
190	ESR determination of the crystal field parameters of Nd, Dy, Er, and Yb doped skutterudite CeFe ₄ P ₁₂ . <i>Physica B: Condensed Matter</i> , 2009 , 404, 3281-3284	2.8	
189	Electron spin resonance of Gd ³⁺ in the antiferromagnetic heavy fermion CeIn ₃ and its reference compound LaIn ₃ . <i>Physica B: Condensed Matter</i> , 2009 , 404, 2995-2998	2.8	3
188	Direct determination of the crystal field parameters of Dy, Er, and Yb impurities in the skutterudite compound CeFe ₄ P ₁₂ by electron spin resonance. <i>Physical Review B</i> , 2008 , 78,	3.3	6
187	Magnetic field dependent magnetization of a conducting plasticized poly(aniline) film. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 285228	1.8	8
186	Electron spin resonance of Gd ³⁺ in Gd _m MnIn _{3m+2n} (M=Rh, Ir; n=0,1; m=1,2) antiferromagnets. <i>Journal of Applied Physics</i> , 2008 , 103, 07B733	2.5	5
185	Optical and magnetic properties of Zn _{0.9} Co _{0.10} :Al _x thin films. <i>Solid State Communications</i> , 2008 , 147, 305-308	1.6	15
184	Exchange interaction effects in the ESR spectra of in. <i>Physica B: Condensed Matter</i> , 2007 , 398, 424-426	2.8	1
183	Magnetic properties of frustrated Y-doped. <i>Physica B: Condensed Matter</i> , 2007 , 398, 430-433	2.8	2
182	Electron spin resonance study of the local environment for the Gd ³⁺ and Eu ²⁺ ions in Ca _{1-x} R _x B ₆ (R=Gd, Eu) (0.0001 ≤ x ≤ 0.30). <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 864-866	2.8	
181	Electron spin resonance (ESR) in multiferroic. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, e364-e366	2.8	4
180	Multiband effects in the electron spin resonance of Gd ³⁺ in the intermediate-valence compound YbAl ₃ and its reference compound LuAl ₃ . <i>Physical Review B</i> , 2007 , 75,	3.3	10
179	Vibrational and electronic excitations in the (Ce,La)MIn ₅ (M=Co, Rh) heavy-fermion family. <i>Physical Review B</i> , 2007 , 75,	3.3	8
178	Magnetically frustrated behavior in multiferroics RMn ₂ O ₅ (R=Bi, Eu, and Dy): A Raman scattering study. <i>Journal of Applied Physics</i> , 2007 , 101, 09M106	2.5	10
177	Exchange and crystal field effects in the ESR spectra of Eu ²⁺ in LaB ₆ . <i>Physical Review B</i> , 2007 , 76,	3.3	4
176	Local and Global Magnetic Properties of Zn _{1-x} Co _x O and Mn-Doped GaAs Thin Films. <i>IEEE Transactions on Magnetics</i> , 2006 , 42, 2700-2702	2	1
175	Electron Spin Resonance (ESR) and Microwave Absorption Studies in TbMnO ₃ Multiferroic Compound. <i>IEEE Transactions on Magnetics</i> , 2006 , 42, 3084-3086	2	0
174	Evolution of the magnetic properties and magnetic structures along the R _m Mn _{3m+2} (R=Ce, Nd, Gd, Tb; M=Rh, Ir; and m=1,2) series of intermetallic compounds. <i>Journal of Applied Physics</i> , 2006 , 99, 08P703	2.5	42

173	Anomalous phonon shifts in the paramagnetic phase of multiferroic RMn ₂ O ₅ (R=Bi, Eu, Dy): Possible manifestations of unconventional magnetic correlations. <i>Physical Review B</i> , 2006 , 73,	3.3	98
172	ESR study of the Eu ²⁺ g-value in the metallic phase of cubic hexaboride Ca _{1-x} Eu _x B ₆ (0.15?x?1.00). <i>Physical Review B</i> , 2006 , 73,	3.3	1
171	Crystal structure and physical properties of Gd ₃ Co ₄ Sn ₁₃ intermetallic antiferromagnet. <i>Journal of Applied Physics</i> , 2006 , 99, 08J311	2.5	14
170	Role of oxygen vacancies in the magnetic and dielectric properties of the high-dielectric-constant system CaCu ₃ Ti ₄ O ₁₂ : An electron-spin resonance study. <i>Physical Review B</i> , 2006 , 73,	3.3	59
169	Raman scattering studies in dilute magnetic semiconductor Zn _{1-x} Co _x O. <i>Physical Review B</i> , 2006 , 73,	3.3	182
168	Noncubic symmetry in Ca _{1-x} Eu _x B ₆ (0.15?x?1.00): An electron-spin-resonance study. <i>Journal of Applied Physics</i> , 2006 , 99, 08P701	2.5	1
167	Unique Coordination of Copper in Hexacyanometallates. <i>Zeitschrift Fur Physikalische Chemie</i> , 2006 , 220, 1609-1619	3.1	25
166	Gd ³⁺ and Eu ²⁺ local environment in Ca _{1-x} Eu _x B ₆ (0.0001 ≤ x ≤ 0.30) and Ca _{1-x} Gd _x B ₆ (0.0001 ≤ x ≤ 0.01). <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 1550-1555	1.6	2
165	Antiferromagnetic ordering of divalent Eu in Eu ₃ Ir ₄ Sn ₁₃ intermetallic compound. <i>Physica B: Condensed Matter</i> , 2006 , 384, 332-335	2.8	13
164	Crystal structure and low-temperature physical properties of R ₃ M ₄ Sn ₁₃ (R=Ce,La;M=Ir,Co) intermetallics. <i>Physica B: Condensed Matter</i> , 2005 , 359-361, 251-253	2.8	37
163	Solid state Pomeranchuk effect. <i>Physica B: Condensed Matter</i> , 2005 , 359-361, 744-746	2.8	5
162	Gradual transition from insulator to semimetal of Ca _{1-x} Eu _x B ₆ with increasing Eu concentration. <i>Physical Review B</i> , 2005 , 71,	3.3	14
161	Evolution from insulator (x=0.003) to metal (x=1) of the Eu ²⁺ local environment in Ca _{1-x} Eu _x B ₆ . <i>Journal of Applied Physics</i> , 2005 , 97, 10A924	2.5	1
160	Magnetic polaron and Fermi surface effects in the spin-flip scattering of EuB ₆ . <i>Physical Review B</i> , 2004 , 70,	3.3	25
159	Origin of the A _{1g} and B _{1g} electronic Raman scattering peaks in the superconducting state of YBa ₂ Cu ₃ O ₇ . <i>Physical Review B</i> , 2004 , 69,	3.3	7
158	Evolution of the Eu ²⁺ local environment in Ca _{1-x} Eu _x B ₆ . <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1659-E1661	2.8	2
157	Magnetic polaron and Fermi surface effects on the ESR spin-flip scattering of EuB ₆ above T _C ≈ 5K. <i>Physica B: Condensed Matter</i> , 2004 , 354, 326-330	2.8	2
156	Electronic phase-separation in Mg _{1-x} B ₂ probed by CESR. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 408-410, 832-833	1.3	

155	Magnetic properties of the frustrated antiferromagnet LiCrO ₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1023-E1024	2.8	11
154	Phonons in the bilayered magnetic manganite. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1736-1737	2.8	
153	Fluctuating field model for conduction electron spin resonance in graphite. <i>Physical Review B</i> , 2004 , 70,	3.3	26
152	Role of the E _{2g} phonon in the superconductivity of MgB ₂ : a Raman scattering study. <i>Solid State Communications</i> , 2003 , 125, 499-502	1.6	32
151	Neutral dangling bond depletion in amorphous SiN films induced by magnetic rare-earth elements. <i>Solid State Communications</i> , 2003 , 128, 47-50	1.6	1
150	Magnetic properties of amorphous Si films doped with rare-earth elements. <i>Physical Review B</i> , 2003 , 68,	3.3	6
149	Low-energy spin-wave excitations in the bilayered magnetic manganite La _{2-x} Sr _{1+2x} Mn ₂ O ₇ (0.30). <i>Physical Review B</i> , 2003 , 67,	3.3	5
148	Strong charge carrier effect on the magnetic coupling of La-doped CaMnO ₃ . <i>Physica B: Condensed Matter</i> , 2002 , 320, 40-42	2.8	3
147	Conduction electron spin resonance evidence for internal field in graphite. <i>Physica B: Condensed Matter</i> , 2002 , 320, 413-415	2.8	5
146	ESR of different Gd ³⁺ sites in CaB ₆ . <i>Physica B: Condensed Matter</i> , 2002 , 320, 419-422	2.8	4
145	Evidence for internal field in graphite: a conduction electron spin-resonance study. <i>Solid State Communications</i> , 2002 , 121, 579-583	1.6	43
144	Field distribution and flux-line depinning in MgB (2). <i>Physical Review Letters</i> , 2002 , 89, 087602	7.4	8
143	Unconventional metallic magnetism in LaCrSb ₃ . <i>Physical Review Letters</i> , 2002 , 89, 107204	7.4	38
142	Different Gd ³⁺ sites in doped CaB ₆ : An electron spin resonance study. <i>Physical Review B</i> , 2002 , 65,	3.3	15
141	Magnetic properties of gadolinium-doped amorphous silicon films. <i>Brazilian Journal of Physics</i> , 2002 , 32, 409-411	1.2	4
140	Weak ferromagnetism above T _N in Gd ₂ CuO ₄ . <i>Physica B: Condensed Matter</i> , 2001 , 305, 48-55	2.8	5
139	Effects on phase separation in the Raman-scattering and magnetization experiments of (La _{1-y} Nd _y) _{2/3} Ca _{1/3} MnO ₃ (y=0.0, 0.5). <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 2000-2001	2.8	3
138	Raman scattering study of crystal-field excitations in ErNi ₂ B ₂ C. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 978-979	2.8	3

137	Possible mixed valence behavior of CeIr ₂ Ga and YbIr ₂ Ga. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 225, 317-321	2.8	3
136	Electron spin resonance above TC in layered manganites. <i>Physical Review B</i> , 2001 , 63,	3.3	23
135	Magnetic properties of the frustrated antiferromagnetic spinel ZnCr ₂ O ₄ and the spin-glass Zn _{1-x} Cd _x Cr ₂ O ₄ (x=0.05,0.10). <i>Physical Review B</i> , 2001 , 64,	3.3	92
134	Antiferromagnetic ordering of divalent Eu in EuCu ₂ Si ₂ single crystals. <i>Physical Review B</i> , 2001 , 63,	3.3	37
133	Crystal field study in rare-earth-doped LuInNi ₄ . <i>Physical Review B</i> , 2001 , 63,	3.3	3
132	Dramatic changes in the magnetic coupling mechanism for La-doped CaMnO ₃ . <i>Physical Review Letters</i> , 2001 , 86, 5385-8	7.4	59
131	Studies of the three-dimensional frustrated antiferromagnetic ZnCr ₂ O ₄ . <i>Journal of Applied Physics</i> , 2001 , 89, 7050-7052	2.5	28
130	Effects of phase separation on the magnetization, x-ray diffraction, and Raman scattering of (La _{1-y} Nd _y) _{1-x} Ca _x MnO ₃ (y=0,0.5,1.0;x=1/3). <i>Physical Review B</i> , 2001 , 63,	3.3	12
129	Microwave Absorption Study in the Ferromagnetic Superconductor Gd _{1.4} Ce _{0.6} RuSr ₂ Cu ₂ O ₁₀ □	1.3	3
128	Effects of Cation Vacancies in the Phonon Raman Spectra of LaMnO ₃ . <i>Physica Status Solidi (B): Basic Research</i> , 2000 , 220, 609-613	1.3	8
127	Polarons, Bipolarons, and Crystallization in Conducting Polymers: An ESR Study. <i>Physica Status Solidi (B): Basic Research</i> , 2000 , 220, 631-634	1.3	6
126	Extrinsic and intrinsic features above TC in layered manganite: La _{1.2} Sr _{1.8} Mn ₂ O ₇ . <i>Physica B: Condensed Matter</i> , 2000 , 292, 1-8	2.8	13
125	Structural effects in the EPR spectra of Ni ³⁺ in La ₂ Ni _{0.5} Li _{0.5} O ₄ . <i>Physical Review B</i> , 2000 , 62, 9593-9598	3.3	8
124	Order-disorder in the Jahn-Teller transition of LaMnO ₃ : A Raman scattering study. <i>Physical Review B</i> , 2000 , 62, 11304-11307	3.3	51
123	Spin dynamics in perovskites, pyrochlores, and layered manganites. <i>Journal of Applied Physics</i> , 2000 , 87, 5810-5812	2.5	10
122	Raman-Scattering and Weak-Ferromagnetism Studies in Eu _{2-x} Pr _x CuO ₄ . <i>Materials Science Forum</i> , 1999 , 302-303, 164-168	0.4	
121	Raman Scattering in CMR Manganites. <i>Materials Science Forum</i> , 1999 , 302-303, 134-138	0.4	2
120	Electron spin resonance of Gd ³⁺ and Nd ³⁺ in LuInA ₄ (A=Cu,Ni). <i>Physical Review B</i> , 1999 , 60, 13515-13519	3.3	13

119	Pyrochlore manganites spin dynamics in the paramagnetic regime. <i>Journal of Applied Physics</i> , 1999 , 85, 5408-5410	2.5	5
118	Phonon Raman scattering in $A_2Mn_2O_7$ ($A=Ti, In, Y$). <i>Physical Review B</i> , 1999 , 60, 6513-6516	3.3	25
117	Normal-state anomalies in the transport and magnetic properties in the $(La_{1-x}Pr_x)_{1.85}Sr_{0.15}CuO_4$ system and their correlation with T_c suppression: A signature of the effects of orthorhombic distortions. <i>Physical Review B</i> , 1999 , 59, 6557-6562	3.3	5
116	Angular dependence of giant magnetoimpedance in an amorphous Co-Fe-Si-B ribbon. <i>Physical Review B</i> , 1999 , 60, 6685-6691	3.3	35
115	Crystal-field study in rare-earth-doped semiconducting YBiPt. <i>Physical Review B</i> , 1999 , 60, 4176-4180	3.3	27
114	Magnetic ordering effects in the Raman spectra of $La_{1-x}Mn_xO_3$. <i>Physical Review B</i> , 1999 , 60, 11879-11882	3.3	235
113	Normal-state magnetic properties and their correlation with T_c suppression and the resistivity anomalies in the $(La_{1-x}Pr_x)_{1.85}Sr_{0.15}CuO_4$ series. <i>Journal of Applied Physics</i> , 1999 , 85, 6052-6054	2.5	1
112	Weak ferromagnetism and Raman scattering in $Eu_{2-x}Pr_xCuO_4$. <i>Physica B: Condensed Matter</i> , 1998 , 253, 296-304	2.8	1
111	Phonon Raman scattering in $R_{1-x}A_xMnO_3$ ($R=La, Pr$; $A=Ca, Sr$). <i>Physical Review B</i> , 1998 , 58, 11435-11440	3.3	179
110	Electron spin resonance of Gd^{3+} in the normal state of RNi_2B_2C ($R=Y, Lu$). <i>Physical Review B</i> , 1998 , 57, 3668-3671	3.3	9
109	ESR of Gd^{3+} in the Kondo-lattice compound $YbAgCu_4$ and its reference compounds $RAgCu_4$ ($R=Y, Lu$). <i>Physical Review B</i> , 1997 , 56, 8933-8937	3.3	9
108	ESR of Gd^{3+} in the intermediate-valence $YbInCu_4$ and its reference compound $YInCu_4$. <i>Physical Review B</i> , 1997 , 55, 1016-1020	3.3	32
107	Temperature dependence of the ESR linewidth in the paramagnetic phase ($T > T_C$) of $R_{1-x}B_xMnO_3$ ($R=La, Pr$; $B=Ca, Sr$). <i>Physical Review B</i> , 1997 , 55, 3083-3086	3.3	115
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97	Electron spin resonance of Er ³⁺ in YBiPt. <i>Physical Review B</i> , 1995 , 52, 15062-15065	3.3	10
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90	Field-induced spin reorientation in Eu ₂ CuO ₄ :Gd studied by magnetic resonance. <i>Physical Review B</i> , 1993 , 48, 16775-16784	3.3	9
89	Internal magnetic field in La _{2-x} Sr _x CuO ₄ :Gd observed by electron paramagnetic resonance. <i>Physical Review B</i> , 1993 , 47, 8156-8166	3.3	28
88	Intercalant vibrations in stage-1 AlCl ₃ graphite. <i>Physical Review B</i> , 1992 , 46, 6586-6588	3.3	
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