

# Carlos Rettori

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/809982/carlos-rettori-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Magnetic ordering effects in the Raman spectra of $\text{La}_{1-x}\text{Mn}_x\text{O}_3$ . <i>Physical Review B</i> , <b>1999</b> , 60, 11879-11883	3.3	235
243	Raman scattering studies in dilute magnetic semiconductor $\text{Zn}_{1-x}\text{Co}_x\text{O}$ . <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	182
242	Phonon Raman scattering in $\text{R}_{1-x}\text{A}_x\text{MnO}_3$ [(R=La,Pr; A=Ca,Sr)]. <i>Physical Review B</i> , <b>1998</b> , 58, 11435-11440	3.3	179
241	Magnetism and critical fields in the high- $T_c$ superconductors $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}\text{S}_x$ ( $x=0,1$ ): An ESR study. <i>Physical Review B</i> , <b>1987</b> , 36, 4028-4031	3.3	123
240	Temperature dependence of the ESR linewidth in the paramagnetic phase ( $T > T_C$ ) of $\text{R}_{1-x}\text{B}_x\text{MnO}_3$ [(R=La,Pr; B=Ca,Sr)]. <i>Physical Review B</i> , <b>1997</b> , 55, 3083-3086	3.3	115
239	Electron spin resonance of Gd in the intermetallic compounds YCu, YAg, and LaAg: Wave vector dependence of the exchange interaction. <i>Solid State Communications</i> , <b>1973</b> , 12, 621-625	1.6	102
238	Anomalous phonon shifts in the paramagnetic phase of multiferroic $\text{RMn}_2\text{O}_5$ (R=Bi, Eu, Dy): Possible manifestations of unconventional magnetic correlations. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	98
237	Magnetic properties of the frustrated antiferromagnetic spinel $\text{ZnCr}_2\text{O}_4$ and the spin-glass $\text{Zn}_{1-x}\text{Cd}_x\text{Cr}_2\text{O}_4$ ( $x=0.05,0.10$ ). <i>Physical Review B</i> , <b>2001</b> , 64,	3.3	92
236	Electron Spin Resonance and Superconductivity in $\text{Gd}_x\text{La}_{1-x}\text{Al}_2$ Intermetallic Compounds. <i>Physical Review B</i> , <b>1973</b> , 7, 1029-1038	3.3	76
235	Electron-Spin Resonance of Rare Earths in Aluminum. <i>Physical Review B</i> , <b>1973</b> , 7, 1-12	3.3	71
234	$\text{AgFe}_3\text{O}_4$ Dimer Colloidal Nanoparticles: Synthesis and Enhancement of Magnetic Properties. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 10148-10152	3.8	70
233	Role of oxygen vacancies in the magnetic and dielectric properties of the high-dielectric-constant system $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ : An electron-spin resonance study. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	59
232	Dramatic changes in the magnetic coupling mechanism for La-doped $\text{CaMnO}_3$ . <i>Physical Review Letters</i> , <b>2001</b> , 86, 5385-8	7.4	59
231	Dynamic behavior of paramagnetic ions and conduction electrons in intermetallic compounds: $\text{Gd}_x\text{Lu}_{1-x}\text{Al}_2$ . <i>Physical Review B</i> , <b>1974</b> , 10, 1826-1835	3.3	55
230	Order-disorder in the Jahn-Teller transition of $\text{LaMnO}_3$ : A Raman scattering study. <i>Physical Review B</i> , <b>2000</b> , 62, 11304-11307	3.3	51
229	Crystalline-Field Effects in the Electron-Spin Resonance of Rare Earths in the Noble Metals. <i>Physical Review B</i> , <b>1973</b> , 8, 3563-3568	3.3	50
228	Exchange and hyperfine interactions in Ag:Mn dilute alloys. <i>Physical Review B</i> , <b>1975</b> , 11, 3546-3558	3.3	48

227	Electrochromic Switch Devices Mixing Small- and Large-Sized Upconverting Nanocrystals. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1807758	15.6	48
226	Evidence for internal field in graphite: a conduction electron spin-resonance study. <i>Solid State Communications</i> , <b>2002</b> , 121, 579-583	1.6	43
225	Evolution of the magnetic properties and magnetic structures along the $R_mMIn_{3m+2}$ (R=Ce, Nd, Gd, Tb; M=Rh, Ir; and m=1,2) series of intermetallic compounds. <i>Journal of Applied Physics</i> , <b>2006</b> , 99, 08P703	7.5	42
224	Magnetic Resonance of a Localized Magnetic Moment in the Superconducting State: LaRu <sub>2</sub> :Gd. <i>Physical Review Letters</i> , <b>1973</b> , 30, 437-440	7.4	40
223	Unconventional metallic magnetism in LaCrSb <sub>3</sub> . <i>Physical Review Letters</i> , <b>2002</b> , 89, 107204	7.4	38
222	Crystal structure and low-temperature physical properties of R <sub>3</sub> M <sub>4</sub> Sn <sub>13</sub> (R=Ce,La;M=Ir,Co) intermetallics. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 359-361, 251-253	2.8	37
221	Antiferromagnetic ordering of divalent Eu in EuCu <sub>2</sub> Si <sub>2</sub> single crystals. <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	37
220	Crystalline field effects in intermetallic compounds. <i>Physical Review B</i> , <b>1974</b> , 9, 2879-2886	3.3	37
219	Angular dependence of giant magnetoimpedance in an amorphous Co-Fe-Si-B ribbon. <i>Physical Review B</i> , <b>1999</b> , 60, 6685-6691	3.3	35
218	Different Pr <sup>3+</sup> environments in Pr <sub>1.85</sub> Ce <sub>0.15</sub> CuO <sub>4</sub> : A Raman crystal-field excitation study. <i>Physical Review B</i> , <b>1995</b> , 51, 1185-1189	3.3	35
217	Electron spin resonance of Nd <sup>3+</sup> and Gd <sup>3+</sup> in d-band intermetallic compounds. <i>Physical Review B</i> , <b>1979</b> , 19, 5495-5506	3.3	34
216	Direct measurement of the exchange interaction between rare-earth ions in metallic Van Vleck paramagnets. <i>Physical Review B</i> , <b>1975</b> , 11, 4450-4454	3.3	33
215	ESR of Gd <sup>3+</sup> in the intermediate-valence YbInCu <sub>4</sub> and its reference compound YInCu <sub>4</sub> . <i>Physical Review B</i> , <b>1997</b> , 55, 1016-1020	3.3	32
214	Role of the E <sub>2g</sub> phonon in the superconductivity of MgB <sub>2</sub> : a Raman scattering study. <i>Solid State Communications</i> , <b>2003</b> , 125, 499-502	1.6	32
213	ESR in heat treated carbons from the endocarp of babassu coconut. <i>Carbon</i> , <b>1991</b> , 29, 305-311	10.4	32
212	Electron spin resonance of Er in cubic metals: :Er, :Er, :Er and :Er. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1971</b> , 35, 339-340	2.3	31
211	Studies of the three-dimensional frustrated antiferromagnetic ZnCr <sub>2</sub> O <sub>4</sub> . <i>Journal of Applied Physics</i> , <b>2001</b> , 89, 7050-7052	2.5	28
210	Internal magnetic field in La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> :Gd observed by electron paramagnetic resonance. <i>Physical Review B</i> , <b>1993</b> , 47, 8156-8166	3.3	28

209	The nature and enhancement of magnetic surface contribution in model NiO nanoparticles. <i>Nanotechnology</i> , <b>2010</b> , 21, 035602	3-4	27
208	Crystal-field study in rare-earth-doped semiconducting YBiPt. <i>Physical Review B</i> , <b>1999</b> , 60, 4176-4180	3-3	27
207	Electron-Spin-Resonance and Lattice-Parameter Study of Cerium Cubic Laves-Phase Compounds: Evidence for Intermediate-Valence State. <i>Physical Review Letters</i> , <b>1980</b> , 45, 1966-1970	7-4	27
206	Anisotropic Behavior of Dilute Au:Dy Alloys: Observation of the B (Quartet) Resonance. <i>Physical Review Letters</i> , <b>1972</b> , 28, 490-493	7-4	27
205	Fluctuating field model for conduction electron spin resonance in graphite. <i>Physical Review B</i> , <b>2004</b> , 70,	3-3	26
204	Different Gd <sup>3+</sup> sites associated with magnetic ordering and structural distortions in Eu <sub>2</sub> CuO <sub>4</sub> :Gd <sup>3+</sup> observed via electron-paramagnetic-resonance measurements. <i>Physical Review B</i> , <b>1991</b> , 44, 9467-9479	3-3	26
203	Unique Coordination of Copper in Hexacyanometallates. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2006</b> , 220, 1609-1619	3-1	25
202	Magnetic polaron and Fermi surface effects in the spin-flip scattering of EuB <sub>6</sub> . <i>Physical Review B</i> , <b>2004</b> , 70,	3-3	25
201	Phonon Raman scattering in A <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> (A=Tl,In,Y). <i>Physical Review B</i> , <b>1999</b> , 60, 6513-6516	3-3	25
200	Raman-scattering study of crystal-field excitations in Pr <sub>2</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , <b>1994</b> , 49, 4391-4394	3-3	25
199	ESR experiments and spectra simulations in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> , Y <sub>2</sub> BaCuO <sub>5</sub> , and BaCuO <sub>2+x</sub> . <i>Physical Review B</i> , <b>1989</b> , 39, 6694-6699	3-3	25
198	Electron spin resonance above TC in layered manganites. <i>Physical Review B</i> , <b>2001</b> , 63,	3-3	23
197	Electron spin resonance of Nd <sup>3+</sup> and Yb <sup>3+</sup> in CdFe <sub>4</sub> P <sub>12</sub> . <i>Physical Review B</i> , <b>1994</b> , 50, 14822-14826	3-3	23
196	Electron spin resonance of Er in high susceptibility metals. <i>Solid State Communications</i> , <b>1972</b> , 10, 451-454.6		23
195	Self-Calibrated Double Luminescent Thermometers Through Upconverting Nanoparticles. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 267	5	22
194	Magnetic field dependence and bottlenecklike behavior of the ESR spectra in YbRh <sub>2</sub> Si <sub>2</sub> . <i>Physical Review B</i> , <b>2009</b> , 79,	3-3	22
193	Quantum critical Kondo quasiparticles probed by ESR in YbAlB <sub>4</sub> . <i>Physical Review Letters</i> , <b>2011</b> , 107, 026402	7-4	22
192	Temperature dependence of the electrical resistivities in AlCl <sub>3</sub> -graphite intercalation compounds determined by conduction-carrier spin resonance. <i>Physical Review B</i> , <b>1985</b> , 32, 4134-4142	3-3	21

191	Electron-Spin Resonance of Rare-Earth Ions in the Actinide Cubic Metal Th. <i>Physical Review B</i> , <b>1972</b> , 5, 1711-1716	3.3	21
190	Crystalline-Field Effects in the EPR of Er in Various Cubic Metals. <i>Physical Review B</i> , <b>1973</b> , 8, 5335-5337	3.3	21
189	Relaxation effects in the ESR of Gd in the metallic Van-Vleck paramagnet: PrSb. <i>Solid State Communications</i> , <b>1975</b> , 16, 247-252	1.6	20
188	Electrical conductivity of amorphous silicon doped with rare-earth elements. <i>Physical Review B</i> , <b>1991</b> , 43, 8946-8950	3.3	19
187	Evidence for dynamic effects in the ESR spectra of the high Tc superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>Solid State Communications</i> , <b>1987</b> , 64, 1043-1045	1.6	19
186	Hyperfine splitting in the electron spin resonance of Dy and Er in the transition metal-Rh. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1971</b> , 37, 361-363	2.3	19
185	Electron-spin resonance of a localized moment in the superconducting state: BRu <sub>2</sub> :Gd (B=La,Ce,Th). <i>Physical Review B</i> , <b>1974</b> , 9, 147-153	3.3	19
184	Synthesis and tuning the exchange bias in Ni <sub>3</sub> NiO nanoparticulate systems. <i>Journal of Applied Physics</i> , <b>2010</b> , 107, 09D725	2.5	17
183	Resolved ESR spectra of Gd in cubic intermetallic compounds. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1974</b> , 49, 320-322	2.3	16
182	Optical and magnetic properties of Zn <sub>0.9</sub> Co <sub>0.1</sub> O : Al <sub>x</sub> thin films. <i>Solid State Communications</i> , <b>2008</b> , 147, 305-308	1.6	15
181	Different Gd <sup>3+</sup> sites in doped CaB <sub>6</sub> : An electron spin resonance study. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	15
180	Magnetic Resonance of Au: Er <sub>167</sub> and Au: Yb <sub>171</sub> . <i>Physical Review B</i> , <b>1972</b> , 5, 2735-2736	3.3	15
179	[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> , <b>2011</b> , 145, 108-117	5.3	14
178	Crystal structure and physical properties of Gd <sub>3</sub> Co <sub>4</sub> Sn <sub>13</sub> intermetallic antiferromagnet. <i>Journal of Applied Physics</i> , <b>2006</b> , 99, 08J311	2.5	14
177	Gradual transition from insulator to semimetal of Ca <sub>1-x</sub> Eu <sub>x</sub> B <sub>6</sub> with increasing Eu concentration. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	14
176	Experimental Evidence for a New Interpretation of Local-Moment Resonances in Metals. <i>Physical Review Letters</i> , <b>1975</b> , 35, 679-682	7.4	14
175	Stress-induced g-anisotropy of Er in Ag thin films. <i>Solid State Communications</i> , <b>1977</b> , 23, 603-605	1.6	14
174	Thermoplasmonic enhancement of upconversion in small-size doped NaGd(Y)F nanoparticles coupled to gold nanostars. <i>Nanoscale</i> , <b>2018</b> , 10, 14687-14696	7.7	13

173	Antiferromagnetic ordering of divalent Eu in Eu <sub>3</sub> Ir <sub>4</sub> Sn <sub>13</sub> intermetallic compound. <i>Physica B: Condensed Matter</i> , <b>2006</b> , 384, 332-335	2.8	13
172	Extrinsic and intrinsic features above TC in layered manganite: La <sub>1.2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub> . <i>Physica B: Condensed Matter</i> , <b>2000</b> , 292, 1-8	2.8	13
171	Electron spin resonance of Gd <sup>3+</sup> and Nd <sup>3+</sup> in LuInA <sub>4</sub> (A=Cu,Ni). <i>Physical Review B</i> , <b>1999</b> , 60, 13515-13519	3.3	13
170	Phase transition in AlCl <sub>3</sub> -graphite as seen by the thermal hysteresis in the conduction-carrier spin resonance. <i>Physical Review B</i> , <b>1985</b> , 32, 4774-4777	3.3	13
169	Upconversion Nanocomposite Materials With Designed Thermal Response for Optoelectronic Devices. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 83	5	12
168	Delaminated vanadoaluminosilicate with [V,Al]-ITQ-18 structure. <i>Microporous and Mesoporous Materials</i> , <b>2012</b> , 156, 244-256	5.3	12
167	Effects of phase separation on the magnetization, x-ray diffraction, and Raman scattering of (La <sub>1-y</sub> Nd <sub>y</sub> ) <sub>1-x</sub> CaxMnO <sub>3</sub> (y=0,0.5,1.0;x=13). <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	12
166	Crystal-field effects in the electron-spin resonance of Gd <sup>3+</sup> and Er <sup>3+</sup> in Pr <sub>2</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , <b>1991</b> , 44, 826-829	3.3	12
165	Exchange interaction and relaxation in LuAl <sub>2</sub> :Ce and YAl <sub>2</sub> :Ce intermetallic compounds. <i>Physical Review B</i> , <b>1975</b> , 12, 1298-1303	3.3	12
164	On the crystalline field of rare-earth ions in the cubic intermetallic compound: YSb. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1974</b> , 50, 392-394	2.3	12
163	Magnetic properties of the frustrated antiferromagnet LiCrO <sub>2</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, E1023-E1024	2.8	11
162	Raman-scattering and weak-ferromagnetism studies in Eu <sub>2</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , <b>1996</b> , 53, 837-842	3.3	11
161	Magnetic field modulation effects on the microwave transmission through superconducting thin films of Y-Ba-Cu-O. <i>Physical Review B</i> , <b>1989</b> , 40, 9299-9302	3.3	11
160	Magnetic field modulation frequency, sample size and electromagnetic configuration effects on the spin resonance spectra of graphite intercalation compounds. <i>Synthetic Metals</i> , <b>1989</b> , 30, 97-107	3.6	11
159	Crystal field effects in the ESR spectra of Ce <sub>1-x</sub> RE <sub>x</sub> Fe <sub>4</sub> P <sub>12</sub> (RE = Gd, Dy, Er). <i>Solid State Communications</i> , <b>1990</b> , 74, 1047-1050	1.6	11
158	On the origin of the exchange interaction between rare-earth ions in Van Vleck pnictides. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1975</b> , 53, 290-292	2.3	11
157	Study of the local symmetry properties of Dy in the metallic compound, LaSb. <i>Solid State Communications</i> , <b>1975</b> , 17, 1279-1283	1.6	11
156	Multiband effects in the electron spin resonance of Gd <sup>3+</sup> in the intermediate-valence compound YbAl <sub>3</sub> and its reference compound LuAl <sub>3</sub> . <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	10

155	Magnetically frustrated behavior in multiferroics RMn <sub>2</sub> O <sub>5</sub> (R=Bi, Eu, and Dy): A Raman scattering study. <i>Journal of Applied Physics</i> , <b>2007</b> , 101, 09M106	2.5	10
154	Spin dynamics in perovskites, pyrochlores, and layered manganites. <i>Journal of Applied Physics</i> , <b>2000</b> , 87, 5810-5812	2.5	10
153	Electron spin resonance of Er <sup>3+</sup> in YBiPt. <i>Physical Review B</i> , <b>1995</b> , 52, 15062-15065	3.3	10
152	Stress effects on the ESR spectra of Dy in Ag thin films. <i>Physical Review B</i> , <b>1980</b> , 21, 34-39	3.3	10
151	Stress effects on the electron-spin-resonance spectra of Er in gold and silver thin films. <i>Physical Review B</i> , <b>1981</b> , 23, 3149-3158	3.3	10
150	ESR of trapped centers in $\gamma$ -irradiated silver chlorates single crystals. <i>Journal of Chemical Physics</i> , <b>1976</b> , 65, 3461-3467	3.9	10
149	ESR of Nd <sup>3+</sup> in type II superconductors. <i>Solid State Communications</i> , <b>1978</b> , 28, 427-433	1.6	10
148	Electron spin resonance of Dy and Er in Ir. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1972</b> , 40, 269-271	2.3	10
147	Crystal-field effects in Er <sup>3+</sup> - and Yb <sup>3+</sup> -doped hexagonal NaYF <sub>4</sub> nanoparticles. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	9
146	Electron spin resonance (ESR) of Eu <sup>2+</sup> in type-I clathrate Eu <sub>8</sub> Ga <sub>16</sub> Ge <sub>30</sub> . <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 3300-3303	2.8	9
145	Electron spin resonance study of the LaIn <sub>(3-x)</sub> Sn <sub>(x)</sub> superconducting system. <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 455701	1.8	9
144	ESR of Gd <sup>3+</sup> in the Kondo-lattice compound YbAgCu <sub>4</sub> and its reference compounds RAgCu <sub>4</sub> (R=Y,Lu). <i>Physical Review B</i> , <b>1997</b> , 56, 8933-8937	3.3	9
143	Electron spin resonance of Gd <sup>3+</sup> in the normal state of RNi <sub>2</sub> B <sub>2</sub> C (R=Y,Lu). <i>Physical Review B</i> , <b>1998</b> , 57, 3668-3671	3.3	9
142	ESR of Gd <sup>3+</sup> and Er <sup>3+</sup> in Pr <sub>2-x</sub> Ce <sub>x</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , <b>1995</b> , 51, 11909-11914	3.3	9
141	ESR of Gd <sup>3+</sup> in magnetically ordered Eu <sub>2</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , <b>1996</b> , 54, 1123-1127	3.3	9
140	Field-induced spin reorientation in Eu <sub>2</sub> CuO <sub>4</sub> :Gd studied by magnetic resonance. <i>Physical Review B</i> , <b>1993</b> , 48, 16775-16784	3.3	9
139	Electrochemical intercalation of O <sub>2</sub> in La <sub>2</sub> CuO <sub>4</sub> single crystals. <i>Electrochimica Acta</i> , <b>1995</b> , 40, 209-212	6.7	9
138	Stress-induced g-shift of diluted Er in Au thin films. <i>Solid State Communications</i> , <b>1977</b> , 22, 347-349	1.6	9

137	Unusual diffusive effects on the ESR of Nd <sup>3+</sup> ions in the tunable topologically nontrivial semimetal YBiPt. <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 125601	1.8	9
136	Electrothermal silver nanowire thin films for In-Situ observation of thermally-driven chemical processes. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 259, 475-483	8.5	8
135	Coexisting on-center and off-center Yb <sup>3+</sup> sites in Ce <sub>1-x</sub> Yb <sub>x</sub> Fe <sub>4</sub> P <sub>12</sub> skutterudites. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	8
134	Magnetic field dependent magnetization of a conducting plasticized poly(aniline) film. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 285228	1.8	8
133	Vibrational and electronic excitations in the (Ce,La)MIn <sub>5</sub> (M=Co,Rh) heavy-fermion family. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	8
132	Field distribution and flux-line depinning in MgB (2). <i>Physical Review Letters</i> , <b>2002</b> , 89, 087602	7.4	8
131	Effects of Cation Vacancies in the Phonon Raman Spectra of LaMnO <sub>3</sub> . <i>Physica Status Solidi (B): Basic Research</i> , <b>2000</b> , 220, 609-613	1.3	8
130	Structural effects in the EPR spectra of Ni <sup>3+</sup> in La <sub>2</sub> Ni <sub>0.5</sub> Li <sub>0.5</sub> O <sub>4</sub> . <i>Physical Review B</i> , <b>2000</b> , 62, 9593-9598	3.3	8
129	Phase transition in SbCl <sub>5</sub> - graphite studied by spin resonance experiments. <i>Solid State Communications</i> , <b>1986</b> , 58, 333-336	1.6	8
128	Raman measurements and lattice dynamics in the high T <sub>c</sub> superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>Solid State Communications</i> , <b>1987</b> , 64, 505-508	1.6	8
127	Spin resonance lineshape and c-axis resistivity in SbCl <sub>5</sub> -GICs. <i>Synthetic Metals</i> , <b>1988</b> , 23, 305-310	3.6	8
126	Crystal field effects on the electron spin resonance of rare-earths in YPd <sub>3</sub> : Comparison with inelastic neutrons scattering experiments. <i>Solid State Communications</i> , <b>1981</b> , 39, 1025-1030	1.6	8
125	Comment on the Gd crystalline field and the Gd-Pr exchange in the Van Vleck monopnictides. <i>Physical Review B</i> , <b>1979</b> , 19, 2385-2389	3.3	8
124	Correlation between electron spin resonance and superconductivity in Gd <sub>x</sub> B <sub>1-x</sub> Ru <sub>2</sub> (B=Th, Ce, La). <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1973</b> , 45, 161-162	2.3	8
123	Thermoplasmonic Maskless Lithography on Upconverting Nanocomposites Assisted by Gold Nanostars. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 6889-6897	5.6	7
122	Gd <sup>3+</sup> spin-lattice relaxation via multi-band conduction electrons in Y(1-x)Gd(x)In <sub>3</sub> : an electron spin resonance study. <i>Journal of Physics Condensed Matter</i> , <b>2014</b> , 26, 175501	1.8	7
121	Probing the localized to itinerant behavior of the 4f electron in CeIn <sub>3-x</sub> Sn <sub>x</sub> by Gd <sup>3+</sup> electron spin resonance. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	7
120	ESR of Gd <sup>3+</sup> in LuInCu <sub>4</sub> intermetallic compound. <i>Solid State Communications</i> , <b>1997</b> , 104, 223-226	1.6	7



119	Origin of the A1g and B1g electronic Raman scattering peaks in the superconducting state of YBa2Cu3O7. <i>Physical Review B</i> , <b>2004</b> , 69,	3.3	7
118	Electron spin resonance of Er <sup>3+</sup> in YBiPt. <i>Physica B: Condensed Matter</i> , <b>1996</b> , 223-224, 396-398	2.8	7
117	New paramagnetic center in amorphous silicon doped with rare-earth elements. <i>Physical Review B</i> , <b>1989</b> , 39, 2860-2863	3.3	7
116	Kinetics of ordering in the order-disorder phase transition of AlCl <sub>3</sub> -intercalated graphite studied using ESR. <i>Physical Review B</i> , <b>1986</b> , 33, 6524-6526	3.3	7
115	Relation between g shifts and the stability of host AB <sub>2</sub> d-band compounds. <i>Journal of the Less Common Metals</i> , <b>1980</b> , 70, P69-P73		7
114	ESR study of Gd and Nd in RNi <sub>2</sub> and RCo <sub>2</sub> laves phase compounds. <i>Solid State Communications</i> , <b>1981</b> , 39, 203-207	1.6	7
113	ESR of O <sup>-3</sup> trapped in $\gamma$ -irradiated NaClO <sub>3</sub> . <i>Solid State Communications</i> , <b>1978</b> , 28, 961-964	1.6	7
112	Multiband electronic characterization of the complex intermetallic cage system Y <sub>1-x</sub> Gd <sub>x</sub> Co <sub>2</sub> Zn <sub>20</sub> . <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	6
111	Electron spin resonance of the half-Heusler antiferromagnet GdPdBi. <i>Solid State Communications</i> , <b>2014</b> , 177, 95-97	1.6	6
110	Magnetic polaron effect in Sr <sub>8-x</sub> Eu <sub>x</sub> Ga <sub>16</sub> Ge <sub>30</sub> clathrates probed by electron spin resonance. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	6
109	Evidence for a subtle structural symmetry breaking in EuB(6). <i>Journal of Physics Condensed Matter</i> , <b>2009</b> , 21, 456007	1.8	6
108	Direct determination of the crystal field parameters of Dy, Er, and Yb impurities in the skutterudite compound CeFe <sub>4</sub> P <sub>12</sub> by electron spin resonance. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	6
107	Magnetic properties of amorphous Si films doped with rare-earth elements. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	6
106	Polarons, Bipolarons, and Crystallization in Conducting Polymers: An ESR Study. <i>Physica Status Solidi (B): Basic Research</i> , <b>2000</b> , 220, 631-634	1.3	6
105	Observation of an unusual ESR signal in antiferromagnetic Eu <sub>2</sub> CuO <sub>4</sub> . <i>Journal of Applied Physics</i> , <b>1991</b> , 69, 4872-4873	2.5	6
104	Kinetics of ordering in graphite-SbCl <sub>5</sub> studied by ESR. <i>Physical Review B</i> , <b>1987</b> , 36, 2893-2896	3.3	6
103	ESR of LaS : Er and the origin of random strains in dilute rare earth alloys. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1982</b> , 25, 271-278	2.8	6
102	On the anisotropy in the exchange field experienced by Er ions in the metallic cubic compounds PrSb and TmSb. <i>Journal of Physics F: Metal Physics</i> , <b>1975</b> , 5, 2379-2387		6

101	ESR of the ozonide (O <sub>3</sub> ) radical in irradiated AgClO <sub>3</sub> . <i>Chemical Physics Letters</i> , <b>1976</b> , 37, 138-139	2.5	6
100	ESR of non S state ions in metallic Van Vleck pnictides. <i>Journal of Physics F: Metal Physics</i> , <b>1977</b> , 7, 703-712		6
99	Re-entrant critical field behavior in Gd <sub>x</sub> Th <sub>1-x</sub> Ru <sub>2</sub> : Correlation with EPR. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1973</b> , 45, 163-164	2.3	6
98	Magnetic field dependence of the magnetic susceptibility and the specific heat of the doped plasticized polyaniline (PANI-DB3EPSA) <sub>0.5</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2011</b> , 23, 206004	1.8	5
97	Electron spin resonance of Gd <sup>3+</sup> in Gd <sub>m</sub> MnIn <sub>3m+2n</sub> (M=Rh,Ir; n=0,1; m=1,2) antiferromagnets. <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 07B733	2.5	5
96	Conduction electron spin resonance evidence for internal field in graphite. <i>Physica B: Condensed Matter</i> , <b>2002</b> , 320, 413-415	2.8	5
95	Low-energy spin-wave excitations in the bilayered magnetic manganite La <sub>2-x</sub> Sr <sub>1+2x</sub> Mn <sub>2</sub> O <sub>7</sub> (0.30). <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	5
94	Solid state Pomeranchuk effect. <i>Physica B: Condensed Matter</i> , <b>2005</b> , 359-361, 744-746	2.8	5
93	Weak ferromagnetism above TN in Gd <sub>2</sub> CuO <sub>4</sub> . <i>Physica B: Condensed Matter</i> , <b>2001</b> , 305, 48-55	2.8	5
92	Pyrochlore manganites spin dynamics in the paramagnetic regime. <i>Journal of Applied Physics</i> , <b>1999</b> , 85, 5408-5410	2.5	5
91	Normal-state anomalies in the transport and magnetic properties in the (La <sub>1-x</sub> Pr <sub>x</sub> ) <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> system and their correlation with T <sub>c</sub> suppression: A signature of the effects of orthorhombic distortions. <i>Physical Review B</i> , <b>1999</b> , 59, 6557-6562	3.3	5
90	c-Axis resistivity in graphite-AlCl <sub>3</sub> as found by CESR measurements. <i>Synthetic Metals</i> , <b>1990</b> , 36, 235-239	3.6	5
89	Strain effects on the ESR spectra of Au:Yb thin films alloys. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1980</b> , 15-18, 1112-1114	2.8	5
88	Collapse of the Gd <sup>3+</sup> ESR fine structure throughout the coherent temperature of the Gd-doped Kondo Semiconductor CeFe <sub>4</sub> P <sub>12</sub> . <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	5
87	Anharmonic rattling vibrations effects in the ESR of Er <sup>3+</sup> doped SmB <sub>6</sub> Kondo insulator. <i>AIP Advances</i> , <b>2017</b> , 7, 055709	1.5	4
86	Conduction electron spin resonance in AlB <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2013</b> , 25, 216001	1.8	4
85	Field-dependent collective ESR mode in YbRh <sub>2</sub> Si <sub>2</sub> . <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 2964-2968	2.8	4
84	Thermally activated exchange narrowing of the Gd <sup>3+</sup> ESR fine structure in a single crystal of Ce <sub>1-x</sub> Gd <sub>x</sub> Fe <sub>4</sub> P <sub>12</sub> (x=0.001) skutterudite. <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	4

83	Experimental evidence for off-center rattling of Yb <sup>3+</sup> in the skutterudite compounds of Ce <sub>1-x</sub> Yb <sub>x</sub> Fe <sub>4</sub> P <sub>12</sub> . <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 200, 012045	0.3	4
82	Electron spin resonance (ESR) in multiferroic. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, e364-e366	2.8	4
81	Exchange and crystal field effects in the ESR spectra of Eu <sup>2+</sup> in LaB <sub>6</sub> . <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	4
80	ESR of different Gd <sup>3+</sup> sites in CaB <sub>6</sub> . <i>Physica B: Condensed Matter</i> , <b>2002</b> , 320, 419-422	2.8	4
79	Lowering the conductivity of carbon fibers by fluorination. <i>Synthetic Metals</i> , <b>1989</b> , 34, 725-732	3.6	4
78	Study of the mechanism of conduction in intercalated carbon pitch-based fibres. <i>Synthetic Metals</i> , <b>1989</b> , 31, 251-265	3.6	4
77	Temperature dependence of the electrical resistivities in AlCl <sub>3</sub> graphites determined by conduction carrier spin resonance. <i>Synthetic Metals</i> , <b>1985</b> , 12, 407-411	3.6	4
76	Low temperature ESR in Ni(BrO <sub>3</sub> ) <sub>2</sub> ·6H <sub>2</sub> O. <i>Journal of Physics and Chemistry of Solids</i> , <b>1977</b> , 38, 1075-1077	3.9	4
75	He <sup>3</sup> cold finger cryostat for epr experiments. <i>Cryogenics</i> , <b>1974</b> , 14, 285-287	1.8	4
74	Magnetic properties of gadolinium-doped amorphous silicon films. <i>Brazilian Journal of Physics</i> , <b>2002</b> , 32, 409-411	1.2	4
73	Probing Surface Effects on NaYF <sub>4</sub> Nanoparticles by Nuclear Magnetic Resonance. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 9523-9535	3.8	3
72	Diffusive-like effects and possible non trivial local topology on the half-Heusler YPdBi compound. <i>AIP Advances</i> , <b>2018</b> , 8, 055713	1.5	3
71	Low temperature transport and thermodynamic properties of the Zintl compound Yb <sub>11</sub> AlSb <sub>9</sub> : A new Kondo lattice semiconductor. <i>Journal of Alloys and Compounds</i> , <b>2016</b> , 669, 60-65	5.7	3
70	Conduction electrons mediating the evolution from antiferromagnetic to ferromagnetic ordering in Gd(Co <sub>1-x</sub> Fe <sub>x</sub> ) <sub>2</sub> Zn <sub>20</sub> (0 ≤ x ≤ 1). <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	3
69	Electron Spin resonance of Gd <sup>3+</sup> in three dimensional topological insulator Bi <sub>2</sub> Se <sub>3</sub> . <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 592, 012125	0.3	3
68	Electron spin resonance of Gd <sup>3+</sup> in the antiferromagnetic heavy fermion CeIn <sub>3</sub> and its reference compound LaIn <sub>3</sub> . <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 2995-2998	2.8	3
67	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> , <b>2011</b> , 11, 2126-2131	1.3	3
66	Eu <sup>2+</sup> spin dynamics in the filled skutterudites EuM <sub>4</sub> Sb <sub>12</sub> (M=Fe, Ru, Os). <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	3

65	Strong charge carrier effect on the magnetic coupling of La-doped CaMnO <sub>3</sub> . <i>Physica B: Condensed Matter</i> , <b>2002</b> , 320, 40-42	2.8	3
64	Effects on phase separation in the Raman-scattering and magnetization experiments of (La <sub>1-y</sub> Nd <sub>y</sub> ) <sub>2/3</sub> Ca <sub>1/3</sub> MnO <sub>3</sub> (y=0.0, 0.5). <i>Journal of Magnetism and Magnetic Materials</i> , <b>2001</b> , 226-230, 2000-2001	2.8	3
63	Raman scattering study of crystal-field excitations in ErNi <sub>2</sub> B <sub>2</sub> C. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2001</b> , 226-230, 978-979	2.8	3
62	Possible mixed valence behavior of CeIr <sub>2</sub> Ga and YbIr <sub>2</sub> Ga. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2001</b> , 225, 317-321	2.8	3
61	Crystal field study in rare-earth-doped LuInNi <sub>4</sub> . <i>Physical Review B</i> , <b>2001</b> , 63,	3.3	3
60	Microwave Absorption Study in the Ferromagnetic Superconductor Gd <sub>1.4</sub> Ce <sub>0.6</sub> RuSr <sub>2</sub> Cu <sub>2</sub> O <sub>10</sub> . <i>Physica Status Solidi (B): Basic Research</i> , <b>2000</b> , 220, 541-543	1.3	3
59	Photogeneration of spins and charges in a derivat polyquinolaxine (PQL-type) ladder polymer. <i>Synthetic Metals</i> , <b>1989</b> , 33, 341-354	3.6	3
58	Kinetics of ordering in graphite SbCl <sub>5</sub> and AlCl <sub>3</sub> studied by ESR. <i>Synthetic Metals</i> , <b>1988</b> , 23, 43-48	3.6	3
57	ESR and superconductivity of Nd <sup>3+</sup> and Gd <sup>3+</sup> in ZrIr <sub>2</sub> . <i>Solid State Communications</i> , <b>1981</b> , 39, 1157-1161	1.6	3
56	Comment on the hyperfine constant of rare-earth ions in dilute alloys: Th:Er. <i>Physical Review B</i> , <b>1974</b> , 10, 4033-4035	3.3	3
55	Controlling the thermal switching in upconverting nanoparticles through surface chemistry. <i>Nanoscale</i> , <b>2021</b> , 13, 16267-16276	7.7	3
54	Conduction electron spin resonance in the Yb <sub>1-x</sub> FexAlB <sub>4</sub> (0 ≤ x ≤ 0.50) and LuAlB <sub>4</sub> compounds. <i>Journal of Physics Condensed Matter</i> , <b>2015</b> , 27, 255601	1.8	2
53	Magnetic properties of frustrated Y-doped. <i>Physica B: Condensed Matter</i> , <b>2007</b> , 398, 430-433	2.8	2
52	Gd <sup>3+</sup> and Eu <sup>2+</sup> local environment in Ca <sub>1-x</sub> EuxB <sub>6</sub> (0.0001 ≤ x ≤ 0.30) and Ca <sub>1-x</sub> GdxB <sub>6</sub> (0.0001 ≤ x ≤ 0.01). <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2006</b> , 203, 1550-1555	1.6	2
51	Evolution of the Eu <sup>2+</sup> local environment in Ca <sub>1-x</sub> EuxB <sub>6</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>2004</b> , 272-276, E1659-E1661	2.8	2
50	Magnetic polaron and Fermi surface effects on the ESR spin-flip scattering of EuB <sub>6</sub> above T <sub>C</sub> ≈ 5K. <i>Physica B: Condensed Matter</i> , <b>2004</b> , 354, 326-330	2.8	2
49	Raman Scattering in CMR Manganites. <i>Materials Science Forum</i> , <b>1999</b> , 302-303, 134-138	0.4	2
48	Raman and weak ferromagnetism in Eu <sub>2</sub> CuO <sub>4</sub> . <i>Physica B: Condensed Matter</i> , <b>1996</b> , 223-224, 522-525	2.8	2

47	ESR of Mn <sup>2+</sup> in AlCl <sub>3</sub> -graphite intercalated compounds. <i>Physical Review B</i> , <b>1989</b> , 39, 8816-8821	3.3	2
46	Conduction carriers spin resonance experiments in AlCl <sub>3</sub> - GICs stage 2 reveal an order-disorder phase transition. <i>Synthetic Metals</i> , <b>1989</b> , 34, 557-561	3.6	2
45	ESR studies of AsF <sub>5</sub> /GICs: Comparison of intercalated HOPG and carbon fibers. <i>Synthetic Metals</i> , <b>1989</b> , 34, 549-555	3.6	2
44	Relaxation narrowing of Gd in cubic Van-Vleck compound. <i>Solid State Communications</i> , <b>1979</b> , 31, 867-872	1.6	2
43	ESR of Au: Yb thin films: Crystal-field effects and the Kondo dilemma. <i>Physical Review B</i> , <b>1980</b> , 22, 4161-4166	3.6	2
42	Crystal field effects in the ESR spectra of Dy <sup>3+</sup> , Er <sup>3+</sup> and Yb <sup>3+</sup> in YPd <sub>3</sub> . <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , <b>1981</b> , 107, 359-360		2
41	ESR of rare-earth impurities (Gd, Dy, Er) in Ce: A study of the Cerium magnetic properties. <i>Solid State Communications</i> , <b>1978</b> , 25, 543-546	1.6	2
40	Electron spin resonance of Nd <sup>3+</sup> in d band cubic intermetallic compounds. <i>Journal of Applied Physics</i> , <b>1979</b> , 50, 2318-2320	2.5	2
39	Hyperspectral imaging thermometry assisted by upconverting nanoparticles: Experimental artifacts and accuracy. <i>Physica B: Condensed Matter</i> , <b>2022</b> , 629, 413639	2.8	2
38	Unusual evolution from a superconducting to an antiferromagnetic ground state in Y <sub>1-x</sub> Gd <sub>x</sub> Pb <sub>3</sub> (0 ≤ x ≤ 1). <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	1
37	Conduction electrons in aperiodic versus periodic structures: An ESR study of quasicrystalline i-Y(Gd)-Cd and its approximant Y(Gd)Cd <sub>6</sub> . <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	1
36	Absence of exchange interaction between localized magnetic moments and conduction-electrons in diluted Er <sup>3+</sup> gold-nanoparticles. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 17E128	2.5	1
35	Exponential depletion of neutral dangling bonds density (D <sub>0</sub> ) by rare-earth doping in amorphous Si films. <i>Physica B: Condensed Matter</i> , <b>2012</b> , 407, 3222-3224	2.8	1
34	La doping effects in the coupling between localized and itinerant electronic states in EuFe <sub>2</sub> As <sub>2</sub> probed by Eu <sup>2+</sup> +ESR. <i>Journal of Physics: Conference Series</i> , <b>2011</b> , 273, 012093	0.3	1
33	Improved route for the synthesis of colloidal NaYF <sub>4</sub> nanocrystals and electron spin resonance of Gd <sup>3+</sup> local probe. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 5708-14	1.3	1
32	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> , <b>2009</b> , 80,	3.3	1
31	The g-value of Er <sup>3+</sup> doped unfilled skutterudite CoSb <sub>3</sub> (Th) reveals the existence of an additional sixth order term in the crystal field Hamiltonian. <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 3035-3037	2.8	1
30	Gd <sup>3+</sup> rattling triggered by a weak $\Gamma_4^-$ transition at 140 ± 60 K in the Ce <sub>1-x</sub> Gd <sub>x</sub> Fe <sub>4</sub> P <sub>12</sub> (x = 0.001) skutterudite compounds: An ESR study. <i>Physica Status Solidi (B): Basic Research</i> , <b>2010</b> , 247, 647-649	1.3	1

29	Weak ferromagnetism and Raman scattering in $\text{Eu}_2\text{Pr}_x\text{CuO}_4$ . <i>Physica B: Condensed Matter</i> , <b>1998</b> , 253, 296-304	2.8	1
28	Exchange interaction effects in the ESR spectra of in. <i>Physica B: Condensed Matter</i> , <b>2007</b> , 398, 424-426	2.8	1
27	Local and Global Magnetic Properties of $\text{Zn}_{1-x}\text{Co}_x\text{O}$ and Mn-Doped GaAs Thin Films. <i>IEEE Transactions on Magnetics</i> , <b>2006</b> , 42, 2700-2702	2	1
26	ESR study of the $\text{Eu}^{2+}$ g-value in the metallic phase of cubic hexaboride $\text{Ca}_{1-x}\text{Eu}_x\text{B}_6$ ( $0.15 \leq x \leq 1.00$ ). <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	1
25	Noncubic symmetry in $\text{Ca}_{1-x}\text{Eu}_x\text{B}_6$ ( $0.15 \leq x \leq 1.00$ ): An electron-spin-resonance study. <i>Journal of Applied Physics</i> , <b>2006</b> , 99, 08P701	2.5	1
24	Neutral dangling bond depletion in amorphous SiN films induced by magnetic rare-earth elements. <i>Solid State Communications</i> , <b>2003</b> , 128, 47-50	1.6	1
23	Evolution from insulator ( $x=0.003$ ) to metal ( $x=1$ ) of the $\text{Eu}^{2+}$ local environment in $\text{Ca}_{1-x}\text{Eu}_x\text{B}_6$ . <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 10A924	2.5	1
22	Normal-state magnetic properties and their correlation with $T_c$ suppression and the resistivity anomalies in the $(\text{La}_{1-x}\text{Pr}_x)_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ series. <i>Journal of Applied Physics</i> , <b>1999</b> , 85, 6052-6054	2.5	1
21	Coupling of $\text{CuO}_2$ planes in $\text{Eu}_2\text{Y}_x\text{CuO}_4$ single crystals. <i>European Physical Journal D</i> , <b>1996</b> , 46, 2697-2698		1
20	Esr of Rare Earth Impurities ( $\text{Dy}^{3+}$ , $\text{Er}^{3+}$ , $\text{Yb}^{3+}$ ) in the Narrow Gap Semiconductor PbTe. <i>Materials Research Society Symposia Proceedings</i> , <b>1993</b> , 301, 213		1
19	Electron spin resonance in amorphous silicon doped with Gd. <i>Physical Review B</i> , <b>1989</b> , 39, 8398-8402	3.3	1
18	Laser-excited fluorescence and electron-spin resonance of $\text{Er}^{3+}$ in polycrystalline $\text{AlCl}_3$ . <i>Physical Review B</i> , <b>1990</b> , 42, 909-912	3.3	1
17	Tuning the bottleneck effect in Ag metallic host doped with magnetic Gd and non-magnetic Sb ions. <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 2723-2725	2.8	0
16	Electron Spin Resonance (ESR) and Microwave Absorption Studies in $\text{TbMnO}_3$ Multiferroic Compound. <i>IEEE Transactions on Magnetics</i> , <b>2006</b> , 42, 3084-3086	2	0
15	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> , <b>2018</b> , 536, 850-854	2.8	
14	ESR determination of the crystal field parameters of Nd, Dy, Er, and Yb doped skutterudite $\text{CeFe}_4\text{P}_{12}$ . <i>Physica B: Condensed Matter</i> , <b>2009</b> , 404, 3281-3284	2.8	
13	Electron spin resonance study of the local environment for the $\text{Gd}^{3+}$ and $\text{Eu}^{2+}$ ions in $\text{Ca}_{1-x}\text{R}_x\text{B}_6$ ( $\text{R}=\text{Gd},\text{Eu}$ ) ( $0.0001 \leq x \leq 0.30$ ). <i>Journal of Magnetism and Magnetic Materials</i> , <b>2007</b> , 310, 864-866	2.8	
12	Electronic phase-separation in $\text{Mg}_{1-x}\text{B}_2$ probed by CESR. <i>Physica C: Superconductivity and Its Applications</i> , <b>2004</b> , 408-410, 832-833	1.3	

- 11 Phonons in the bilayered magnetic manganite. *Journal of Magnetism and Magnetic Materials*, **2004**, 272-276, 1736-1737 2.8
- 10 Raman-Scattering and Weak-Ferromagnetism Studies in  $\text{Eu}_{2-x}\text{Pr}_x\text{CuO}_4$ . *Materials Science Forum*, **1999**, 302-303, 164-168 0.4
- 9 Accurate temperature regulation in a commercial SQUID magnetometer during fast cooling. *European Physical Journal D*, **1996**, 46, 2805-2806
- 8 ESR of  $\text{Mn}^{2+}$  reveals a crystal field reduction in  $\text{AlCl}_3$  upon intercalation in graphite. *Journal of Physics Condensed Matter*, **1993**, 5, A375-A376 1.8
- 7 Raman and ESR Measurements in Stage-1  $\text{AlCl}_3$  Graphite. *Molecular Crystals and Liquid Crystals*, **1994**, 244, 287-292
- 6 Intercalant vibrations in stage-1  $\text{AlCl}_3$  graphite. *Physical Review B*, **1992**, 46, 6586-6588 3.3
- 5 Synthesis, characterization, and incorporation of upconverting nanoparticles into a dental adhesive. *Brazilian Oral Research*, **2021**, 35, e120 2.6
- 4 Phase Transitions in Acceptor-Graphite Intercalation Compounds: An ESR Study **1990**, 380-382
- 3 Crystal Field Effects on the ESR Spectra of Rare Earths in  $\text{CePd}_3$  **1982**, 163-170
- 2 Kinetics of ordering in graphite  $\text{SbCl}_5$  studied by ESR. *NATO ASI Series Series B: Physics*, **1987**, 379-382
- 1 Exchange interaction between localized magnetic moments and conduction-electrons in Er doped gold nanoparticles synthesized by laser ablation in water. *Journal of Applied Physics*, **2022**, 131, 213903 2.5