

Carlos Rettori

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetic ordering effects in the Raman spectra of $\text{La}_{1-x}\text{Mn}_x\text{O}_3$. Physical Review B, 1999, 60, 11879-11882.	1.1	282
2	Raman scattering studies in dilute magnetic semiconductor $\text{Zn}_{1-x}\text{Co}_x\text{O}$. Physical Review B, 2006, 73, .	1.1	191
3	Phonon Raman scattering in $\text{R}_{1-x}\text{A}_x\text{MnO}_3$ ($\text{R}=\text{La, Pr}; \text{A}=\text{Ca, Sr}$). Physical Review B, 1998, 58, 11435-11440.	1.1	185
4	Magnetism and critical fields in the high- T_c superconductors $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ ($x=0, \hat{A}1$): An ESR study. Physical Review B, 1987, 36, 4028-4031.	1.1	129
5	Temperature dependence of the ESR linewidth in the paramagnetic phase ($T > T_C$) of $\text{R}_{1-x}\text{B}_x\text{MnO}_3$ ($\text{R}=\text{La, Pr}; \text{B}=\text{Ca, Sr}$). Physical Review B, 1997, 55, 3083-3086.	1.1	117
6	Magnetic properties of the frustrated antiferromagnetic spinel ZnCr_2O_4 and the spin-glass $\text{Zn}_{1-x}\text{Cd}_x\text{Cr}_2\text{O}_4$ ($x=0.05, 0.10$). Physical Review B, 2001, 64, .	1.1	107
7	Electron spin resonance of Gd in the intermetallic compounds YCu, YAg, and LaAg: Wave vector dependence of the exchange interaction. Solid State Communications, 1973, 12, 621-625.	0.9	105
8	Anomalous phonon shifts in the paramagnetic phase of multiferroic RMn_2O_5 ($\text{R}=\text{Bi, Eu, Dy}$): Possible manifestations of unconventional magnetic correlations. Physical Review B, 2006, 73, .	1.1	104
9	Electron Spin Resonance and Superconductivity in $\text{Gd}_x\text{La}_{1-x}\text{Al}_2$ Intermetallic Compounds. Physical Review B, 1973, 7, 1029-1038.	1.1	78
10	Ag_3FeO_4 Dimer Colloidal Nanoparticles: Synthesis and Enhancement of Magnetic Properties. Journal of Physical Chemistry C, 2010, 114, 10148-10152.	1.5	77
11	Electron-Spin Resonance of Rare Earths in Aluminum. Physical Review B, 1973, 7, 1-12.	1.1	74
12	Electrochromic Switch Devices Mixing Small and Large Sized Upconverting Nanocrystals. Advanced Functional Materials, 2019, 29, 1807758.	7.8	69
13	Dramatic Changes in the Magnetic Coupling Mechanism for La-Doped CaMnO_3 . Physical Review Letters, 2001, 86, 5385-5388.	2.9	65
14	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. Physical Review B, 2006, 73, .	1.1	63
15	Dynamic behavior of paramagnetic ions and conduction electrons in intermetallic compounds: $\text{Gd}_x\text{Lu}_{1-x}\text{Al}_2$. Physical Review B, 1974, 10, 1826-1835.	1.1	59
16	Order-disorder in the Jahn-Teller transition of LaMnO_3 : A Raman scattering study. Physical Review B, 2000, 62, 11304-11307.	1.1	58
17	Evolution of the magnetic properties and magnetic structures along the RmMln_{3m+2} ($\text{R}=\text{Ce, Nd, Gd, Tb}$); T_j ETQq1_1.0.784314 rgBT /Ov	1.1	53
18	Crystalline-Field Effects in the Electron-Spin Resonance of Rare Earths in the Noble Metals. Physical Review B, 1973, 8, 3563-3568.	1.1	52

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19	Exchange and hyperfine interactions in Ag:Mn dilute alloys. <i>Physical Review B</i> , 1975, 11, 3546-3558.	1.1	48
20	Evidence for internal field in graphite: a conduction electron spin-resonance study. <i>Solid State Communications</i> , 2002, 121, 579-583.	0.9	48
21	Magnetic Resonance of a Localized Magnetic Moment in the Superconducting State: LaRu ₂ Gd. <i>Physical Review Letters</i> , 1973, 30, 437-440.	2.9	42
22	ESR in heat treated carbons from the endocarp of babassu coconut. <i>Carbon</i> , 1991, 29, 305-311.	5.4	39
23	Angular dependence of giant magnetoimpedance in an amorphous Co-Fe-Si-B ribbon. <i>Physical Review B</i> , 1999, 60, 6685-6691.	1.1	39
24	Antiferromagnetic ordering of divalent Eu in EuCu ₂ Si ₂ single crystals. <i>Physical Review B</i> , 2001, 63, .	1.1	39
25	Unconventional Metallic Magnetism in LaCrSb ₃ . <i>Physical Review Letters</i> , 2002, 89, 107204.	2.9	39
26	Crystal structure and low-temperature physical properties of RMn intermetallics. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 251-253.	1.3	38
27	Crystalline field effects in intermetallic compounds. <i>Physical Review B</i> , 1974, 9, 2879-2886.	1.1	37
28	Different Pr ³⁺ environments in Pr _{1.85} Ce _{0.15} CuO ₄ : A Raman crystal-field excitation study. <i>Physical Review B</i> , 1995, 51, 1185-1189.	1.1	36
29	Electron spin resonance of Nd ³⁺ and Gd ³⁺ in d-band intermetallic compounds. <i>Physical Review B</i> , 1979, 19, 5495-5506.	1.1	35
30	Magnetic polaron and Fermi surface effects in the spin-flip scattering of EuB ₆ . <i>Physical Review B</i> , 2004, 70, .	1.1	35
31	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.	0.9	34
32	Self-Calibrated Double Luminescent Thermometers Through Upconverting Nanoparticles. <i>Frontiers in Chemistry</i> , 2019, 7, 267.	1.8	34
33	Direct measurement of the exchange interaction between rare-earth ions in metallic Van Vleck paramagnets. <i>Physical Review B</i> , 1975, 11, 4450-4454.	1.1	33
34	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.	1.1	33
35	Studies of the three-dimensional frustrated antiferromagnetic ZnCr ₂ O ₄ . <i>Journal of Applied Physics</i> , 2001, 89, 7050-7052.	1.1	32
36	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> , 1971, 35, 339-340.	0.9	31

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37	Electron-Spin-Resonance and Lattice-Parameter Study of Cerium Cubic Laves-Phase Compounds: Evidence for Intermediate-Valence State. <i>Physical Review Letters</i> , 1980, 45, 1966-1970.	2.9	30
38	Crystal-field study in rare-earth-doped semiconducting YBiPt. <i>Physical Review B</i> , 1999, 60, 4176-4180.	1.1	30
39	Fluctuating field model for conduction electron spin resonance in graphite. <i>Physical Review B</i> , 2004, 70, .	1.1	30
40	The nature and enhancement of magnetic surface contribution in model NiO nanoparticles. <i>Nanotechnology</i> , 2010, 21, 035602.	1.3	30
41	Raman-scattering study of crystal-field excitations in Pr ₂ CuO ₄ . <i>Physical Review B</i> , 1994, 49, 4391-4394.	1.1	29
42	ESR experiments and spectra simulations in YBa ₂ Cu ₃ O _{7-δ} , Y ₂ BaCuO ₅ , and BaCuO _{2+x} . <i>Physical Review B</i> , 1989, 39, 6694-6699.	1.1	28
43	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.	1.1	28
44	Unique Coordination of Copper in Hexacyanometallates. <i>Zeitschrift Fur Physikalische Chemie</i> , 2006, 220, 1609-1619.	1.4	28
45	Anisotropic Behavior of Dilute Au:Dy Alloys: Observation of the ⁸ (Quartet) Resonance. <i>Physical Review Letters</i> , 1972, 28, 490-493.	2.9	27
46	Different Gd ³⁺ sites associated with magnetic ordering and structural distortions in Eu ₂ CuO ₄ :Gd ³⁺ observed via electron-paramagnetic-resonance measurements. <i>Physical Review B</i> , 1991, 44, 9467-9479.	1.1	26
47	Phonon Raman scattering in A ₂ Mn ₂ O ₇ (A=Ti, In, Y). <i>Physical Review B</i> , 1999, 60, 6513-6516.	1.1	26
48	Electron spin resonance of Nd ³⁺ and Yb ³⁺ in CdFe ₄ P ₁₂ . <i>Physical Review B</i> , 1994, 50, 14822-14826.	1.1	25
49	Quantum Critical Kondo Quasiparticles Probed by ESR in \hat{I}^2 . <i>Physical Review Letters</i> , 2011, 107, 026402.	2.9	25
50	Electron spin resonance above T _C in layered manganites. <i>Physical Review B</i> , 2001, 63, .	1.1	24
51	Magnetic field dependence and bottlenecklike behavior of the ESR spectra in YbRh ₂ . <i>Physical Review B</i> , 2009, 79, .	1.1	24
52	Electron spin resonance of Er in high susceptibility metals. <i>Solid State Communications</i> , 1972, 10, 451-454.	0.9	23
53	Crystalline-Field Effects in the EPR of Er in Various Cubic Metals. <i>Physical Review B</i> , 1973, 8, 5335-5337.	1.1	22
54	Evidence for dynamic effects in the ESR spectra of the high T _c superconductor YBa ₂ Cu ₃ O ₇ . <i>Solid State Communications</i> , 1987, 64, 1043-1045.	0.9	22

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55	Upconversion Nanocomposite Materials With Designed Thermal Response for Optoelectronic Devices. <i>Frontiers in Chemistry</i> , 2019, 7, 83.	1.8	22
56	Electron-Spin Resonance of Rare-Earth Ions in the Actinide Cubic Metal Th. <i>Physical Review B</i> , 1972, 5, 1711-1716.	1.1	21
57	Temperature dependence of the electrical resistivities in AlCl ₃ -graphite intercalation compounds determined by conduction-carrier spin resonance. <i>Physical Review B</i> , 1985, 32, 4134-4142.	1.1	21
58	Electron-spin resonance of a localized moment in the superconducting state: BRu ₂ :Gd (B=La,Ce,Th). <i>Physical Review B</i> , 1974, 9, 147-153.	1.1	20
59	Relaxation effects in the ESR of Gd in the metallic Van-Vleck paramagnet: PrSb. <i>Solid State Communications</i> , 1975, 16, 247-252.	0.9	20
60	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> , 1971, 37, 361-363.	0.9	19
61	Electrical conductivity of amorphous silicon doped with rare-earth elements. <i>Physical Review B</i> , 1991, 43, 8946-8950.	1.1	19
62	Synthesis and tuning the exchange bias in Ni ²⁺ /NiO nanoparticulate systems. <i>Journal of Applied Physics</i> , 2010, 107, 09D725.	1.1	18
63	Different Gd ³⁺ sites in doped CaB ₆ : An electron spin resonance study. <i>Physical Review B</i> , 2002, 65, .	1.1	17
64	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, .	1.1	17
65	[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.	2.2	17
66	Thermoplasmonic enhancement of upconversion in small-size doped NaGd(Y)F ₄ nanoparticles coupled to gold nanostars. <i>Nanoscale</i> , 2018, 10, 14687-14696.	2.8	17
67	Resolved ESR spectra of Gd in cubic intermetallic compounds. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1974, 49, 320-322.	0.9	16
68	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.	1.3	16
69	Crystal structure and physical properties of Gd ₃ Co ₄ Sn ₁₃ intermetallic antiferromagnet. <i>Journal of Applied Physics</i> , 2006, 99, 08J311.	1.1	16
70	Optical and magnetic properties of Zn _{0.9-x} Co _{0.10} : Al _x thin films. <i>Solid State Communications</i> , 2008, 147, 305-308.	0.9	16
71	Magnetic Resonance of Au:Er ¹⁶⁷ and Au:Yb ¹⁷¹ . <i>Physical Review B</i> , 1972, 5, 2735-2736.	1.1	15
72	Experimental Evidence for a New Interpretation of Local-Moment Resonances in Metals. <i>Physical Review Letters</i> , 1975, 35, 679-682.	2.9	15

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73	Electron spin resonance of Gd ³⁺ and Nd ³⁺ in LuIn ₄ As ₂ (A=Cu, Ni). Physical Review B, 1999, 60, 13515-13519.	1.1	15
74	Delaminated vanadoaluminosilicate with [V,Al]-HTQ-18 structure. Microporous and Mesoporous Materials, 2012, 156, 244-256.	2.2	15
75	Stress-induced g-anisotropy of Er in Ag thin films. Solid State Communications, 1977, 23, 603-605.	0.9	14
76	Effects of phase separation on the magnetization, x-ray diffraction, and Raman scattering of (La _{1-y} Nd _y) _{1-x} CaxMnO ₃ (y=0,0.5,1.0;x=1/3). Physical Review B, 2001, 63, .	1.1	14
77	Phase transition in AlCl ₃ -graphite as seen by the thermal hysteresis in the conduction-carrier spin resonance. Physical Review B, 1985, 32, 4774-4777.	1.1	13
78	Magnetic field modulation effects on the microwave transmission through superconducting thin films of Y-Ba-Cu-O. Physical Review B, 1989, 40, 9299-9302.	1.1	13
79	Crystal-field effects in the electron-spin resonance of Gd ³⁺ and Er ³⁺ in Pr ₂ CuO ₄ . Physical Review B, 1991, 44, 826-829.	1.1	13
80	Electrochemical intercalation of O ₂ in La ₂ CuO ₄ single crystals. Electrochimica Acta, 1995, 40, 209-212.	2.6	13
81	Magnetic properties of the frustrated antiferromagnet LiCrO ₂ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1023-E1024.	1.0	13
82	Antiferromagnetic ordering of divalent Eu in Eu ₃ Ir ₄ Sn ₁₃ intermetallic compound. Physica B: Condensed Matter, 2006, 384, 332-335.	1.3	13
83	Magnetically frustrated behavior in multiferroics RMn ₂ O ₅ (R=Bi, Eu, and Dy): A Raman scattering study. Journal of Applied Physics, 2007, 101, 09M106.	1.1	13
84	Unusual diffusive effects on the ESR of Nd ³⁺ ions in the tunable topologically nontrivial semimetal YBiPt. Journal of Physics Condensed Matter, 2016, 28, 125601.	0.7	13
85	On the crystalline field of rare-earth ions in the cubic intermetallic compound: YSb. Physics Letters, Section A: General, Atomic and Solid State Physics, 1974, 50, 392-394.	0.9	12
86	Study of the local symmetry properties of Dy in the metallic compound, LaSb. Solid State Communications, 1975, 17, 1279-1283.	0.9	12
87	Exchange interaction and relaxation in LuAl ₂ :Ce and YAl ₂ :Ce intermetallic compounds. Physical Review B, 1975, 12, 1298-1303.	1.1	12
88	Crystal-field effects in Er ³⁺ and Yb ³⁺ -doped hexagonal NaYF ₄ . Physical Review B, 2011, 84, 041101.	1.1	12
89	Electrothermal silver nanowire thin films for In-Situ observation of thermally-driven chemical processes. Sensors and Actuators B: Chemical, 2018, 259, 475-483.	4.0	12
90	On the origin of the exchange interaction between rare-earth ions in Van Vleck pnictides. Physics Letters, Section A: General, Atomic and Solid State Physics, 1975, 53, 290-292.	0.9	11

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91	ESR of trapped centers in \hat{I}^3 irradiated silver chlorates single crystals. Journal of Chemical Physics, 1976, 65, 3461-3467.	1.2	11
92	Phase transition in $SbCl_5$ - graphite studied by spin resonance experiments. Solid State Communications, 1986, 58, 333-336.	0.9	11
93	Magnetic field modulation frequency, sample size and electromagnetic configuration effects on the spin resonance spectra of graphite intercalation compounds. Synthetic Metals, 1989, 30, 97-107.	2.1	11
94	Crystal field effects in the ESR spectra of $Ce_{1-x}RE_xFe_4P_{12}$ (RE = Gd, Dy, Er). Solid State Communications, 1990, 74, 1047-1050.	0.9	11
95	Electron spin resonance of Er^{3+} in YBiPt. Physical Review B, 1995, 52, 15062-15065.	1.1	11
96	Raman-scattering and weak-ferromagnetism studies in Eu_2CuO_4 . Physical Review B, 1996, 53, 837-842.	1.1	11
97	Electron spin resonance of Dy and Er in Ir. Physics Letters, Section A: General, Atomic and Solid State Physics, 1972, 40, 269-271.	0.9	10
98	ESR of Nd^{3+} in type II superconductors. Solid State Communications, 1978, 28, 427-433.	0.9	10
99	Stress effects on the ESR spectra of Dy in Ag thin films. Physical Review B, 1980, 21, 34-39.	1.1	10
100	Stress effects on the electron-spin-resonance spectra of Er in gold and silver thin films. Physical Review B, 1981, 23, 3149-3158.	1.1	10
101	Spin dynamics in perovskites, pyrochlores, and layered manganites. Journal of Applied Physics, 2000, 87, 5810-5812.	1.1	10
102	Multiband effects in the electron spin resonance of Gd^{3+} in the intermediate-valence compound $YbAl_3$ and its reference compound $LuAl_3$. Physical Review B, 2007, 75, .	1.1	10
103	Electron spin resonance study of the $La_{1-x}Sn_x$ superconducting system. Journal of Physics Condensed Matter, 2011, 23, 455701.	0.7	10
104	Probing the localized to itinerant behavior of the $4f$ electron in $Ce_{1-x}Gd_xIn_3$: an electron spin resonance study. Journal of Physics Condensed Matter, 2014, 26, 175501.	1.1	10
105	Gd^{3+} spin-lattice relaxation via multi-band conduction electrons in $Y_{1-x}Gd_xIn_3$: an electron spin resonance study. Journal of Physics Condensed Matter, 2014, 26, 175501.	0.7	10
106	Multiband electronic characterization of the complex intermetallic cage system Y_3Co_4 . Physical Review B, 2015, 92, .	1.1	10
107	Thermoplasmonic Maskless Lithography on Upconverting Nanocomposites Assisted by Gold Nanostars. ACS Applied Nano Materials, 2019, 2, 6889-6897.	2.4	10
108	Hyperspectral imaging thermometry assisted by upconverting nanoparticles: Experimental artifacts and accuracy. Physica B: Condensed Matter, 2022, 629, 413639.	1.3	10

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109	Stress-induced g-shift of diluted Er in Au thin films. Solid State Communications, 1977, 22, 347-349.	0.9	9
110	Comment on the Gd crystalline field and the Gd-Pr exchange in the Van Vleck monopnictides. Physical Review B, 1979, 19, 2385-2389.	1.1	9
111	Crystal field effects on the electron spin resonance of rare-earths in YPd3: Comparison with inelastic neutrons scattering experiments. Solid State Communications, 1981, 39, 1025-1030.	0.9	9
112	Raman measurements and lattice dynamics in the high Tc superconductor YBa2Cu3O7. Solid State Communications, 1987, 64, 505-508.	0.9	9
113	Spin resonance lineshape and c-axis resistivity in SbCl5-GICs. Synthetic Metals, 1988, 23, 305-310.	2.1	9
114	Field-induced spin reorientation in Eu2CuO4:Gd studied by magnetic resonance. Physical Review B, 1993, 48, 16775-16784.	1.1	9
115	ESR of Gd ³⁺ and Er ³⁺ in Pr _{2-x} Ce _x CuO ₄ . Physical Review B, 1995, 51, 11909-11914.	1.1	9
116	ESR of Gd ³⁺ in magnetically ordered Eu ₂ CuO ₄ . Physical Review B, 1996, 54, 1123-1127.	1.1	9
117	ESR of Gd ³⁺ in the Kondo-lattice compound YbAgCu ₄ and its reference compounds RAgCu ₄ (R=Y, Lu). Physical Review B, 1997, 56, 8933-8937.	1.1	9
118	Electron spin resonance of Gd ³⁺ in the normal state of RNi ₂ B ₂ C (R=Y, Lu). Physical Review B, 1998, 57, 3668-3671.	1.1	9
119	Vibrational and electronic excitations in the (Ce, La)MIn ₅ (M=Co, Rh) heavy-fermion family. Physical Review B, 2007, 75, .	1.1	9
120	Magnetic field dependent magnetization of a conducting plasticized poly(aniline) film. Journal of Physics Condensed Matter, 2008, 20, 285228.	0.7	9
121	Coexisting on-center and off-center Yb^{3+} in $\text{Ce}_{1-x}\text{Yb}_x\text{CuO}_4$. Physical Review B, 2009, 80, .	1.1	9
122	Evidence for a subtle structural symmetry breaking in EuB_6 . Journal of Physics Condensed Matter, 2009, 21, 456007.	0.7	9
123	Electron spin resonance (ESR) of Eu^{2+} in type-I clathrate $\text{Sr}_8\text{Eu}_x\text{Ga}_{8-x}$. Physical Review B, 2010, 82, .	1.3	9
124	Magnetic polaron effect in $\text{Sr}_8\text{Eu}_x\text{Ga}_{8-x}$. Physical Review B, 2010, 82, .	1.1	9
125	Correlation between electron spin resonance and superconductivity in $\text{Gd}_x\text{B}_{1-x}\text{Ru}_2$ (B=Th, Ce, La). Physics Letters, Section A: General, Atomic and Solid State Physics, 1973, 45, 161-162.	0.9	8
126	ESR of O ³⁻ trapped in $\hat{\Gamma}^3$ -irradiated NaClO ₃ . Solid State Communications, 1978, 28, 961-964.	0.9	8

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127	Relation between g shifts and the stability of host AB ₂ d-band compounds. Journal of the Less Common Metals, 1980, 70, P69-P73.	0.9	8
128	Electron spin resonance of Er ³⁺ in YBiPt. Physica B: Condensed Matter, 1996, 223-224, 396-398.	1.3	8
129	ESR of Gd ³⁺ in LuInCu ₄ intermetallic compound. Solid State Communications, 1997, 104, 223-226.	0.9	8
130	Effects of Cation Vacancies in the Phonon Raman Spectra of LaMnO ₃ . Physica Status Solidi (B): Basic Research, 2000, 220, 609-613.	0.7	8
131	Structural effects in the EPR spectra of Ni ³⁺ in La ₂ Ni _{0.5} Li _{0.5} O ₄ . Physical Review B, 2000, 62, 9593-9598.	1.1	8
132	Field Distribution and Flux-Line Depinning in MgB ₂ . Physical Review Letters, 2002, 89, 087602.	2.9	8
133	Magnetic properties of amorphous Si films doped with rare-earth elements. Physical Review B, 2003, 68, .	1.1	8
134	Origin of the A _{1g} and B _{1g} electronic Raman scattering peaks in the superconducting state of YBa ₂ Cu ₃ O _{7-δ} . Physical Review B, 2004, 69, .	1.1	8
135	ESR of the ozonide (O ₃ ⁻) radical in γ -irradiated AgClO ₃ . Chemical Physics Letters, 1976, 37, 138-139.	1.2	7
136	ESR study of Gd and Nd in RNi ₂ and RCo ₂ laves phase compounds. Solid State Communications, 1981, 39, 203-207.	0.9	7
137	Kinetics of ordering in the order-disorder phase transition of AlCl ₃ -intercalated graphite studied using ESR. Physical Review B, 1986, 33, 6524-6526.	1.1	7
138	Kinetics of ordering in graphite-SbCl ₅ studied by ESR. Physical Review B, 1987, 36, 2893-2896.	1.1	7
139	New paramagnetic center in amorphous silicon doped with rare-earth elements. Physical Review B, 1989, 39, 2860-2863.	1.1	7
140	Polarons, Bipolarons, and Crystallization in Conducting Polymers: An ESR Study. Physica Status Solidi (B): Basic Research, 2000, 220, 631-634.	0.7	7
141	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. Physical Review B, 2008, 78, .	1.1	7
142	Electron Spin resonance of Gd ³⁺ in three dimensional topological insulator Bi ₂ Se ₃ . Journal of Physics: Conference Series, 2015, 592, 012125.	0.3	7
143	Conduction electrons mediating the evolution from antiferromagnetic to ferromagnetic ordering in Gd(Co _{1-x} Y _x) ₂ Zn ₂₀ (0 \leq x \leq 1). Physical Review B, 2017, 95, .	1.1	7
144	Controlling the thermal switching in upconverting nanoparticles through surface chemistry. Nanoscale, 2021, 13, 16267-16276.	2.8	7

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145	Re-entrant critical field behavior in $Gd_xTh_{1-x}Ru_2$: Correlation with EPR. Physics Letters, Section A: General, Atomic and Solid State Physics, 1973, 45, 163-164.	0.9	6
146	On the anisotropy in the exchange field experienced by Er ions in the metallic cubic compounds PrSb and TmSb. Journal of Physics F: Metal Physics, 1975, 5, 2379-2387.	1.6	6
147	ESR of non S state ions in metallic Van Vleck pnictides. Journal of Physics F: Metal Physics, 1977, 7, 703-712.	1.6	6
148	ESR of LaS : Er and the origin of random strains in dilute rare earth alloys. Journal of Magnetism and Magnetic Materials, 1982, 25, 271-278.	1.0	6
149	Observation of an unusual ESR signal in antiferromagnetic Eu_2CuO_4 . Journal of Applied Physics, 1991, 69, 4872-4873.	1.1	6
150	Low-energy spin-wave excitations in the bilayered magnetic manganite $La_{2-x}Sr_{1+2x}Mn_2O_7(0.30 < x < 0.50)$. Physical Review B, 2003, 67, .	1.1	6
151	Magnetic field dependence of the magnetic susceptibility and the specific heat of the doped plasticized polyaniline (PANI-DB3EPSA) $_{0.5}$. Journal of Physics Condensed Matter, 2011, 23, 206004.	0.7	6
152	Electron spin resonance of the half-Heusler antiferromagnet GdPdBi. Solid State Communications, 2014, 177, 95-97.	0.9	6
153	Collapse of the Gd^{3+} ESR fine structure throughout the coherent temperature of the Gd-doped Kondo Semiconductor $CeFe_4P_{12}$. Physical Review B, 2016, 94, .	1.1	6
154	Diffusive-like effects and possible non trivial local topology on the half-Heusler YPdBi compound. AIP Advances, 2018, 8, 055713.	0.6	6
155	Strain effects on the ESR spectra of Au:Yb thin films alloys. Journal of Magnetism and Magnetic Materials, 1980, 15-18, 1112-1114.	1.0	5
156	resistivity in graphite- $AlCl_3$ as found by CESR measurements. Synthetic Metals, 1990, 36, 235-239.	2.1	5
157	Pyrochlore manganites spin dynamics in the paramagnetic regime. Journal of Applied Physics, 1999, 85, 5408-5410.	1.1	5
158	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 Tc suppression: A signature of the effects of orthorhombic distortions. Physical Review B, 1999, 59, 6557-6562.	1.1	5
159	Weak ferromagnetism above TN in Gd_2CuO_4 . Physica B: Condensed Matter, 2001, 305, 48-55.	1.3	5
160	Conduction electron spin resonance evidence for internal field in graphite. Physica B: Condensed Matter, 2002, 320, 413-415.	1.3	5
161	Solid state Pomeranchuk effect. Physica B: Condensed Matter, 2005, 359-361, 744-746.	1.3	5
162	Exchange and crystal field effects in the ESR spectra of $Eu_{2-x}La_xMn_6O_{12}$. Physical Review B, 2005, 71, 040401.	1.1	5

#	ARTICLE	IF	CITATIONS
163	Electron spin resonance (ESR) in multiferroic. Journal of Magnetism and Magnetic Materials, 2007, 310, e364-e366.	1.0	5
164	Electron spin resonance of Gd ³⁺ in Gd _m Mn _n 3m+2n (M=Rh, Ir; n=,1; m=1,2) antiferromagnets. Journal of Applied Physics, 2008, 103, . Thermally activated exchange narrowing of the Gd	1.1	5
165	ESR fine structure in a single crystal of Ce Conduction electron spin resonance in AlB ₂ . Journal of Physics Condensed Matter, 2013, 25, 216001.	1.1	5
166	Conduction electron spin resonance in AlB ₂ . Journal of Physics Condensed Matter, 2013, 25, 216001.	0.7	5
167	Low temperature transport and thermodynamic properties of the Zintl compound Yb ₁₁ AlSb ₉ : A new Kondo lattice semiconductor. Journal of Alloys and Compounds, 2016, 669, 60-65.	2.8	5
168	Anharmonic rattling vibrations effects in the ESR of Er ³⁺ -doped SmB ₆ Kondo insulator. AIP Advances, 2017, 7, 055709.	0.6	5
169	He ³ cold finger cryostat for epr experiments. Cryogenics, 1974, 14, 285-287.	0.9	4
170	Low temperature ESR in Ni(BrO ₃) ₂ ·6H ₂ O. Journal of Physics and Chemistry of Solids, 1977, 38, 1075-1077.	1.9	4
171	ESR and superconductivity of Nd ³⁺ and Gd ³⁺ in Zr ₂ . Solid State Communications, 1981, 39, 1157-1161.	0.9	4
172	Temperature dependence of the electrical resistivities in AlCl ₃ intercalated graphites determined by conduction carrier spin resonance. Synthetic Metals, 1985, 12, 407-411.	2.1	4
173	Lowering the conductivity of carbon fibers by fluorination. Synthetic Metals, 1989, 34, 725-732.	2.1	4
174	Study of the mechanism of conduction in intercalated carbon pitch-based fibres. Synthetic Metals, 1989, 31, 251-265.	2.1	4
175	Crystal field study in rare-earth-doped LuNi ₄ . Physical Review B, 2001, 63, .	1.1	4
176	Strong charge carrier effect on the magnetic coupling of La-doped CaMnO ₃ . Physica B: Condensed Matter, 2002, 320, 40-42.	1.3	4
177	ESR of different Gd ³⁺ sites in CaB ₆ . Physica B: Condensed Matter, 2002, 320, 419-422.	1.3	4
178	Field-dependent collective ESR mode in YbRh ₂ Si ₂ . Physica B: Condensed Matter, 2009, 404, 2964-2968.	1.3	4
179	Experimental evidence for off-center rattling of Yb ³⁺ in the skutterudite compounds of Ce _{1-x} Yb _x Fe ₄ P ₁₂ . Journal of Physics: Conference Series, 2010, 200, 012045.	0.3	4
180	Probing Surface Effects on NaYF ₄ Nanoparticles by Nuclear Magnetic Resonance. Journal of Physical Chemistry C, 2020, 124, 9523-9535.	1.5	4

#	ARTICLE	IF	CITATIONS
199	ESR of Au: Yb thin films: Crystal-field effects and the Kondo dilemma. Physical Review B, 1980, 22, 4161-4166.	1.1	2
200	Crystal field effects in the ESR spectra of Dy ³⁺ , Er ³⁺ and Yb ³⁺ in YPd ₃ . Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 107, 359-360.	0.9	2
201	Conduction carriers spin resonance experiments in AlCl ₃ - GICs stage 2 reveal an order-disorder phase transition. Synthetic Metals, 1989, 34, 557-561.	2.1	2
202	ESR studies of AsF ₅ /GICs: Comparison of intercalated HOPG and carbon fibers. Synthetic Metals, 1989, 34, 549-555.	2.1	2
203	Laser-excited fluorescence and electron-spin resonance of Er ³⁺ in polycrystalline AlCl ₃ . Physical Review B, 1990, 42, 909-912.	1.1	2
204	Raman and weak ferromagnetism in Eu ₂ CuO ₄ . Physica B: Condensed Matter, 1996, 223-224, 522-525.	1.3	2
205	Raman Scattering in CMR Manganites. Materials Science Forum, 1999, 302-303, 134-138.	0.3	2
206	Evolution of the Eu ²⁺ local environment in Ca _{1-x} Eu _x B ₆ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1659-E1661.	1.0	2
207	Magnetic polaron and Fermi surface effects on the ESR spin-flip scattering of above. Physica B: Condensed Matter, 2004, 354, 326-330.	1.3	2
208	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). Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 1550-1555.	0.8	2
209	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). Physical Review B, 2006, 73, .	1.1	2
210	Magnetic properties of frustrated Y-doped. Physica B: Condensed Matter, 2007, 398, 430-433.	1.3	2
211	Conduction electron spin resonance in the $\text{Ca}_{1-x}\text{Yb}_x\text{Fe}_2\text{As}_2$ (0 ≤ x ≤ 0.50) and $\text{Ca}_{1-x}\text{Lu}_x\text{Fe}_2\text{As}_2$ compounds. Journal of Physics Condensed Matter, 2015, 27, 255601.	0.7	2
212	Unusual evolution from a superconducting to an antiferromagnetic ground state in $\text{Y}_{1-x}\text{Fe}_x\text{B}_6$ (0 ≤ x ≤ 1). Physical Review B, 2015, 91, 014407.		

#	ARTICLE	IF	CITATIONS
235	Synthesis, characterization, and incorporation of upconverting nanoparticles into a dental adhesive. Brazilian Oral Research, 2021, 35, e120.	0.6	1
236	Intercalant vibrations in stage-1AlCl ₃ graphite. Physical Review B, 1992, 46, 6586-6588.	1.1	0
237	ESR of Mn ²⁺ reveals a crystal field reduction in AlCl ₃ upon intercalation in graphite. Journal of Physics Condensed Matter, 1993, 5, A375-A376.	0.7	0
238	Raman and ESR Measurements in Stage-1 AlCl ₃ Graphite. Molecular Crystals and Liquid Crystals, 1994, 244, 287-292.	0.3	0
239	Accurate temperature regulation in a commercial SQUID magnetometer during fast cooling. European Physical Journal D, 1996, 46, 2805-2806.	0.4	0
240	Raman-Scattering and Weak-Ferromagnetism Studies in Eu _{2-x} Pr _x CuO ₄ . Materials Science Forum, 1999, 302-303, 164-168.	0.3	0
241	Electronic phase-separation in Mg _{1-x} B ₂ probed by CESR. Physica C: Superconductivity and Its Applications, 2004, 408-410, 832-833.	0.6	0
242	Phonons in the bilayered magnetic manganite. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1736-1737.	1.0	0
243	ESR determination of the crystal field parameters of Nd, Dy, Er, and Yb doped skutterudite CeFe ₄ P ₁₂ . Physica B: Condensed Matter, 2009, 404, 3281-3284.	1.3	0
244	Single crystal growth and characterization of the intermetallic cubic cage system YCo _{1.82} Mn _{0.18} Zn ₂₀ . Physica B: Condensed Matter, 2018, 536, 850-854.	1.3	0
245	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.	1.1	0