

# Rafael Calvo

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Exchange couplings and quantum phases in two dissimilar arrays of similar copper dinuclear units. Dalton Transactions, 2020, 49, 5228-5240.	3.3	6
2	Magnetic-field-tuned phase transition of a molecular material from the isolated-spin to the coupled-spin regime. Physical Chemistry Chemical Physics, 2019, 21, 4394-4407.	2.8	3
3	Temperature dependence of the effective interdimer exchange interaction in a weakly coupled antiferromagnetic dimer copper compound. Physical Review B, 2017, 96, .	3.2	5
4	Antiferromagnetic spin chain behavior and a transition to 3D magnetic order in Cu(D,L-alanine) 2 : Roles of H-bonds. Solid State Sciences, 2016, 55, 144-151.	3.2	6
5	Structure and magnetism of a binuclear Cu <sup>II</sup> pyrophosphate: transition to a 3D magnetic behaviour studied by single crystal EPR. Dalton Transactions, 2015, 44, 4732-4743.	3.3	13
6	1D Magnetic Interactions in Cu <sup>II</sup> Oxovanadium Phosphates (VPO), Magnetic Susceptibility, DFT, and Single-Crystal EPR. Inorganic Chemistry, 2015, 54, 3805-3814.	4.0	6
7	The structure, magnetism and EPR spectra of a (1/4-thiophenolato)(1/4-pyrazolato-N,N <sup>ε</sup> 2) double bridged dicopper(II) complex. Dalton Transactions, 2015, 44, 2431-2438.	3.3	10
8	Electron paramagnetic resonance study of ternary CuII compounds with glycine and phenanthroline. Journal of Chemical Sciences, 2014, 126, 255-264.	1.5	3
9	Structural and EPR studies of pyrophosphate-bridged dinuclear CuII complexes. Polyhedron, 2014, 79, 178-185.	2.2	6
10	Two dinuclear pyrophosphate-bridged copper(II) complexes displaying unusually strong OHO interactions. Inorganic Chemistry Communication, 2012, 22, 141-145.	3.9	5
11	Structure and magnetism of catena-poly[copper(II)-1/4-dichloro-L-lysine]hemihydrate: Copper chains with monochloride bridges. Polyhedron, 2012, 47, 53-59.	2.2	10
12	Collapse of the EPR fine structure of a one-dimensional array of weakly interacting binuclear units: A dimensional quantum phase transition. Physical Review B, 2011, 84, .	3.2	25
13	Exchange Interactions Through $\pi$ - $\pi$ Stacking in the Lamellar Compound $[\{Cu(bipy)(en)\}\{Cu(bipy)(H_2O)\}\{VO_3\}_4]_n$ . Inorganic Chemistry, 2011, 50, 11461-11471.	4.0	19
14	EPR and magnetic studies of a carboxylate-bridged dinuclear copper(II) compound: $[Cu_2(flu)_4(dmf)_2]$ . Journal of the Brazilian Chemical Society, 2011, 22, 669-676.	0.6	5
15	1/4-Acetato-1/4-aqua-1/4-hydroxido-bis[(1,10-phenanthroline)copper(II)] dinitrate monohydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2011, 67, m130-m133.	0.4	2
16	Synthesis and structures of four new compounds of the copper(II)-carboxylate-pyridinecarboxamide system. Inorganica Chimica Acta, 2011, 373, 117-123.	2.4	21
17	Pyrophosphate-Bridged CuII Chain Magnet: $[[Na_3Cu(P_2O_7)(NO_3)] \cdot 3H_2O]_n$ . Inorganic Chemistry, 2010, 49, 5650-5657.	4.0	7
18	Magnetism and Structure in Chains of Copper Dinuclear Paddlewheel Units. Inorganic Chemistry, 2010, 49, 695-703.	4.0	39

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19	Alternate Cu <sub>2</sub> and Er <sub>2</sub> Spin Carriers in a Carboxylate-Bridged Chain: EPR Study. <i>Journal of Physical Chemistry A</i> , 2009, 113, 8830-8833.	2.5	3
20	New copper(II)-radical one dimensional chain: Synthesis, crystal structure, EPR, magnetic properties and DFT calculations. <i>Dalton Transactions</i> , 2009, , 6816.	3.3	25
21	Synthesis and Structure of the Dimeric Copper(II) Complex Tetrakis[N-thiazol-2-yl-(4-methylphenyl)sulfonamidate]dicopper(II). <i>Journal of Chemical Crystallography</i> , 2008, 38, 71-75.	1.1	7
22	1-D Polymers with Alternate Cu <sub>2</sub> and Ln <sub>2</sub> Units (Ln = Gd, Er, Y) and Carboxylate Linkages. <i>Inorganic Chemistry</i> , 2008, 47, 10389-10397.	4.0	23
23	Isotropic and anisotropic spin-spin interactions and a quantum phase transition in a dinuclear Cu(II) compound. <i>Physical Review B</i> , 2008, 77.	3.2	44
24	Protein-Cofactor Interactions in Bacterial Reaction Centers from <i>Rhodobacter sphaeroides</i> R-26: II. Geometry of the Hydrogen Bonds to the Primary Quinone <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" overflow="scroll" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML"</small>	0.5	68
25	A new copper(II) di-1/2-carboxylato bridged dinuclear complex: [Cu(oda)phen] <sub>2</sub> ·6H <sub>2</sub> O (oda=oxydiacetate,) <i>Tj ETQq1 1 0.784314 rgBT</i> <small>xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML"</small>	3.9	32
26	A seven-coordinate Fe(III) compound: [Fe{O(CH <sub>2</sub> CO <sub>2</sub> ) <sub>2</sub> }(H <sub>2</sub> O) <sub>2</sub> (NO <sub>3</sub> )]. Preparation, structure and magnetic properties. <i>Inorganica Chimica Acta</i> , 2007, 360, 2911-2916.	2.4	9
27	Synthesis, crystal structure and magnetic properties of a new dinuclear copper(II) amino acid complex [Cu <sub>2</sub> (l-arg) <sub>2</sub> (1/4-HPO <sub>4</sub> -O)(1/4-HPO <sub>4</sub> -O,Oâ€²)(1/4-OH)]âˆ™(H <sub>3</sub> O) <sup>+</sup> ·(H <sub>2</sub> O) <sub>6</sub> . <i>Polyhedron</i> , 2007, 26, 5001-5008.	2.2	13
28	Magnetic properties and EPR spectra of [Cu(L-arginine) <sub>2</sub> ](NO <sub>3</sub> ) <sub>2</sub> ·3H <sub>2</sub> O. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 1533-1539.	4.0	9
29	EPR measurements of weak exchange interactions coupling unpaired spins in model compounds. <i>Applied Magnetic Resonance</i> , 2007, 31, 271-299.	1.2	57
30	Growth, EPR and optical absorption spectra of l-threonine single crystals doped with Cu <sup>2+</sup> ions. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 586-593.	4.0	7
31	Magnetic Properties of Ferromagnetic Quasi-1D Copper-Peptide Compounds: Exchange Interactions and Very Low Temperature Phase Transitions. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8052-8063.	2.6	16
32	Protein-Cofactor Interactions in Bacterial Reaction Centers from <i>Rhodobacter sphaeroides</i> R-26: I. Identification of the ENDOR Lines Associated with the Hydrogen Bonds to the Primary Quinone <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www..</small>	0.5	32
33	Weak Exchange Interaction Supported by a Biologically Relevant Long Chemical Bridge in a Cu <sup>2+</sup> Peptide Model Compound. <i>Inorganic Chemistry</i> , 2006, 45, 2942-2947.	4.0	21
34	Gadolinium(III) and europium(III) l-glutamates: Synthesis and characterization. <i>Inorganica Chimica Acta</i> , 2006, 359, 3921-3926.	2.4	14
35	EPR study of Cu(II) dopant ions in single crystals of bis(l-asparaginato)Zn(II). <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 745-750.	4.0	7
36	Single crystal EPR study of electronic structure and exchange interactions for copper(II)(l-arginine) <sub>2</sub> (SO <sub>4</sub> )·(H <sub>2</sub> O) <sub>6</sub> : a model system to study exchange interactions between unpaired spins in proteins. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 415-423.	3.5	22

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37	catena-Poly[copper(II)-1/4-L-tyrosyl-L-leucinato]. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, m250-m252.	0.4	3
38	Gadolinium and Neodymium Citrates: Evidence for Weak Ferromagnetic Exchange between Gadolinium(III) Cations. Inorganic Chemistry, 2005, 44, 8979-8987.	4.0	85
39	Electron Paramagnetic Resonance Study of Weak Exchange Interactions between Metal Ions in a Model System: Cu(I)Gly-Trp. Journal of Physical Chemistry B, 2004, 108, 9549-9555.	2.6	22
40	Probing hydrogen bonding to quinone anion radicals by 1H and 2H ENDOR spectroscopy at 35 GHz. Chemical Physics, 2003, 294, 401-413.	1.9	64
41	Structure and Magnetic Properties of Layered High-Spin Co(II)(l-threonine)2(H2O)2. Inorganic Chemistry, 2003, 42, 4409-4416.	4.0	58
42	Carboxylate-Bridged Copper(II)-Lanthanide(III) Complexes [Cu3Ln2(oda)6(H2O)6]·12H2O (Ln = Dy, Ho). <a href="#">Tj ETQq0 0 0 rgBT /Overlo</a> <a href="#">Spin-Lattice Relaxation of Coupled Metal-Radical Spin-Dimers in Proteins: Application to Fe2+-Cofactor</a>	4.0	68
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55	Structure of bis(L-alaninato)zinc(II) and single crystal EPR spectra of Cu(II) impurities. Journal of Inorganic Biochemistry, 1999, 73, 151-155.	3.5	20
56	Crystal Structures and Magnetic Properties of CuX <sub>2</sub> (pdmp) <sub>2</sub> Complexes (X = Br, Cl). Inorganic Chemistry, 1999, 38, 4413-4421.	4.0	24
57	Structure, Single Crystal EPR Spectra, and Exchange Interactions in [Cu(L-proline) <sub>2</sub> ] <sub>2</sub> ·5H <sub>2</sub> O and Cu(d,l-proline) <sub>2</sub> ·2H <sub>2</sub> O. Inorganic Chemistry, 1999, 38, 3598-3604.	4.0	24
58	Vibronic Behavior and Single-Crystal EPR Spectra of Cu(II) in Copper-Doped Diaqua(L-aspartato)zinc(II) Hydrate. Journal of Physical Chemistry A, 1999, 103, 2606-2617.	2.5	18
59	Crystal structure and EPR spectra of glycilglycilglycinocopper(II)bromide sesquihydrate. Journal of Chemical Crystallography, 1998, 28, 61-68.	1.1	1
60	Optical spectra and magnetic field effects in Cr(III)(L-histidine) <sub>2</sub> d(NO <sub>3</sub> ). Journal of Physics and Chemistry of Solids, 1998, 59, 887-892.	4.0	2
61	Ion-Pair Charge-Transfer Complexes Based on (o-Phenylenebis(oxamato))cuprate(II) and Cyclic Diquaternary Cations of 1,10-Phenanthroline and 2,2'-Bipyridine: Synthesis, Crystal Structure, and Physical Properties. Inorganic Chemistry, 1998, 37, 6452-6460.	4.0	88
62	Magnetic properties of the M(PO <sub>3</sub> ) <sub>3</sub> (M=Ti, V) metaphosphates. Journal of Materials Chemistry, 1998, 8, 1423-1426.	6.7	12
63	Magnetic Interactions in the Copper Complex (L-Aspartato)(1,10-phenanthroline)copper(II) Hydrate. An Exchange-Coupled Extended System with Two Dissimilar Copper Ions. Inorganic Chemistry, 1997, 36, 3183-3189.	4.0	23
64	EPR measurements in copper saccharinate single crystals. Chemical Physics Letters, 1997, 271, 51-54.	2.6	24
65	EPR spectroscopy and exchange interaction parameters in Cu(glycine) <sub>2</sub> ·H <sub>2</sub> O. Physica B: Condensed Matter, 1996, 225, 63-75.	2.7	22
66	Evaluation by EPR of the Exchange Interactions Coupling Anisotropic Spins at Symmetry-Related Sites in Paramagnetic Crystals. Journal of Magnetic Resonance Series A, 1995, 114, 1-11.	1.6	21
67	Magnetic interactions in aqua(L-aspartato)-(2,2'-bipyridine)copper(II) trihydrate. Inorganica Chimica Acta, 1995, 228, 261-266.	2.4	21
68	Magnetic interactions in Cu(L-isoleucine) <sub>2</sub> ·...H <sub>2</sub> O: An EPR measurement. Physical Review B, 1995, 52, 9466-9476.	3.2	18
69	The exchange interactions and magnetic behaviour of Cu(L-alanine) <sub>2</sub> : specific heat measurements. Journal of Physics Condensed Matter, 1995, 7, 9595-9606.	1.8	15
70	Single-crystal EPR study of the compounds [MCu(edta)(H <sub>2</sub> O) <sub>3</sub> ]·H <sub>2</sub> O (M = Sr, Ba). Journal of the Chemical Society, Faraday Transactions, 1995, 91, 423-426.	1.7	4
71	Spin-lattice interaction for ions in low-symmetry sites: The case of Mn <sup>2+</sup> :CaCO <sub>3</sub> . Physical Review B, 1994, 49, 8583-8590.	3.2	4
72	Crystal structure and magnetic properties of diaqua(L-aspartato)copper(II). Inorganic Chemistry, 1993, 32, 6016-6022.	4.0	42

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73	Exchange interaction between copper(II) ions through glutamic acid molecules. <i>Inorganic Chemistry</i> , 1993, 32, 2078-2084.	4.0	36
74	Specific heat and exchange interactions of two isomer and isostructural copper(II)-amino-acid complexes. <i>Physical Review B</i> , 1993, 48, 3257-3263.	3.2	16
75	Crystal structure and magnetic interactions in bis(D,L-alaninato)copper(II) hydrate. <i>Inorganic Chemistry</i> , 1991, 30, 216-220.	4.0	33
76	Magnetic and structural properties of trans-bis (d,l-isoleucine) copper(II). <i>Journal of Solid State Chemistry</i> , 1991, 90, 211-215.	2.9	7
77	Spin diffusion in low-dimensional copper-amino-acid complexes. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 1877-1888.	1.8	11
78	Exchange interactions and magnetic dimension in Cu(L-alanine) <sub>2</sub> . <i>Physical Review B</i> , 1991, 43, 1074-1083.	3.2	25
79	Shifts with temperature of the EPR signal in Cu(L-alanine) <sub>2</sub> : A low-dimensional paramagnet. <i>Physical Review B</i> , 1991, 44, 5111-5119.	3.2	8
80	Molecular structure and single crystal EPR spectra of bis(L-Valinato)copper(II) monohydrate, Cu[H <sub>2</sub> NCH(CH <sub>3</sub> ) <sub>2</sub> CHCO <sub>2</sub> ] <sub>2</sub> ·H <sub>2</sub> O. <i>Physica B: Condensed Matter</i> , 1990, 164, 323-330.	2.7	10
81	Electron spin resonance lineshifts in paramagnetic copper-amino acid complexes. <i>Journal of Physics Condensed Matter</i> , 1990, 2, 9113-9124.	1.8	3
82	Molecular structure and exchange interactions in trans-bis(L-2-aminobutyrate)copper(II) and trans-bis(DL-2-aminobutyrate)copper(II). <i>Inorganic Chemistry</i> , 1990, 29, 3918-3922.	4.0	24
83	Electron paramagnetic resonance investigation of photosynthetic reaction centers from <i>Rhodobacter sphaeroides</i> R-26 in which Fe <sup>2+</sup> was replaced by Cu <sup>2+</sup> . Determination of hyperfine interactions and exchange and dipole-dipole interactions between Cu <sup>2+</sup> and QA <sup>-</sup> . <i>Biophysical Journal</i> , 1990, 58, 149-165.	0.5	48
84	Superexchange coupling mediated by carboxylate and hydrogen bridges in copper amino acid complexes. <i>Inorganic Chemistry</i> , 1990, 29, 1581-1583.	4.0	93
85	Exchange interactions in bis(L-leucinato)copper(II). <i>Journal of Physics Condensed Matter</i> , 1989, 1, 637-642.	1.8	24
86	Non-secular ESR broadening in a copper-amino acid complex. <i>Journal of Physics Condensed Matter</i> , 1989, 1, 7061-7068.	1.8	7
87	Second moment of the magnetic resonance of a dipolar-coupled lattice with several species of anisotropic spins. <i>Journal of Magnetic Resonance</i> , 1989, 81, 378-382.	0.5	0
88	Molecular structure of bis(L-leucinato)zinc(II) and single-crystal EPR spectra of the substitutionally copper(II)-63-doped complex. <i>Inorganic Chemistry</i> , 1989, 28, 1933-1938.	4.0	20
89	EPR of layered magnetic metal-amino acid salts. II. Cu(L-Met) <sub>2</sub> . <i>Chemical Physics</i> , 1988, 120, 449-459.	1.9	23
90	Very Low Temperature Magnetization of Cu(L-ALA) <sub>2</sub> . <i>Japanese Journal of Applied Physics</i> , 1987, 26, 861.	1.5	3

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91	EPR of layered magnetic metal-amine amino acid salts. I. Cu(L-PHE) <sub>2</sub> . Chemical Physics, 1987, 111, 431-438.	1.9	23
92	Crystal structure determination of L-α-aminoisobutyrate(L-Aib)-transition-metal complexes. III. Crystal structure of the 1:2 complex of bis(L-Aib)diaquazinc(II) and bis(L-Aib)aquazinc(II). Acta Crystallographica Section C: Crystal Structure Communications, 1986, 42, 21-24.	0.4	4
93	Crystal structure determination of L-α-aminoisobutyrate(L-Aib)-transition-metal complexes. II. Structure of bis(L-Aib)copper(II). Acta Crystallographica Section C: Crystal Structure Communications, 1986, 42, 19-21.	0.4	2
94	EPR Study of Cu(L-ILE) <sub>2</sub> , a copper-amino acid salt. Chemical Physics, 1985, 100, 89-99.	1.9	25
95	Temperature dependence of the EPR spectra of Cu(AAB) <sub>2</sub> , a copper-amino acid salt. Physics Letters, Section A: General, Atomic and Solid State Physics, 1985, 108, 217-220.	2.1	5
96	Neutron-diffraction study of the magnetic ordering in Ni(CH <sub>2</sub> CO <sub>2</sub> NH <sub>2</sub> ) <sub>2</sub> ·2H <sub>2</sub> O. Physical Review B, 1985, 31, 358-363.	3.2	2
97	Magnetic properties of four Cu(II)-amino acid salts. Journal of Applied Physics, 1984, 55, 2336-2337.	2.5	6
98	Structural and magnetic properties of a copper-amine amino acid salt: Copper (II) bis (L-α-amino isobutyrate). Journal of Chemical Physics, 1984, 81, 4584-4591.	3.0	29
99	The electronic structure of Fe <sup>2+</sup> in reaction centers from Rhodospseudomonas sphaeroides. III. EPR measurements of the reduced acceptor complex. Biophysical Journal, 1984, 45, 947-973.	0.5	140
100	Low temperature specific heat of cry-con grease. Cryogenics, 1983, 23, 52-54.	1.7	10
101	EPR study of electronic and magnetic properties of bis(DL-α-amino-β-butyrate)copper(II). A layered magnetic system. Physical Review B, 1983, 28, 1244-1248.	3.2	49
102	Magnetic susceptibility of antiferromagnetic nickel diglycine dihydrate. Journal of Applied Physics, 1982, 53, 2674-2676.	2.5	5
103	Specific heat of nickel diglycine dihydrate between 0.5 and 10 K. Journal of Applied Physics, 1982, 53, 2671-2673.	2.5	8
104	Spin-lattice coefficients of Mn <sup>2+</sup> in II-VI compounds. Physics Letters, Section A: General, Atomic and Solid State Physics, 1980, 77, 473-475.	2.1	21
105	Magnetic behavior of Cd <sub>1-x</sub> MnxSe. Physics Letters, Section A: General, Atomic and Solid State Physics, 1980, 80, 311-313.	2.1	12
106	<sup>14</sup> N Nuclear quadrupole interaction in Cu(II) doped L-alanine. Journal of Molecular Structure, 1980, 68, 203-208.	3.6	4
107	Magnetic properties of Cd <sub>1-x</sub> MnxTe. Solid State Communications, 1980, 35, 539-542.	1.9	43
108	EPR and ligand ENDOR measurements of Cu (II) in L-alanine single crystals. Journal of Chemical Physics, 1980, 72, 760-767.	3.0	40

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109	Coaxial coupler for a 9 GHz EPR/ENDOR cryostat. Review of Scientific Instruments, 1980, 51, 1409-1411.	1.3	7
110	Electron spin resonance in Cd <sub>1-x</sub> Mn <sub>x</sub> Te. Journal of Applied Physics, 1979, 50, 7738.	2.5	37
111	Magnetic, transport, and thermal properties of ferromagnetic EuB <sub>6</sub> . Journal of Applied Physics, 1979, 50, 1911-1913.	2.5	89
112	Electron spin resonance on Gd <sub>x</sub> Mo <sub>6</sub> Se <sub>8</sub> (x = 1.0 and 1.2). Solid State Communications, 1978, 27, 201-204.	1.9	16
113	Anisotropy and field dependence of the electron-paramagnetic-resonance linewidth of Ag: Dy. Physical Review B, 1978, 18, 3041-3047.	3.2	20
114	A general spin Hamiltonian to describe ligand hyperfine structure. Its application to heme-proteins. I. Nuclear Zeeman and hyperfine interactions. Journal of Magnetic Resonance, 1977, 26, 445-459.	0.5	2
115	The spin-lattice interaction for Eu <sup>2+</sup> in CaF <sub>2</sub> and SrF <sub>2</sub> . Solid State Communications, 1976, 18, 1439-1441.	1.9	5
116	On the electron spin resonance linewidths of met <sup>h</sup> myoglobin. Journal of Chemical Physics, 1976, 64, 2264-2265.	3.0	13
117	EPR spectra and linewidths of Mn <sup>2+</sup> in calcite. Physical Review B, 1975, 12, 853-860.	3.2	42
118	Stress-induced g shifts of <sup>7</sup> F levels for rare-earth ions. Physical Review B, 1974, 9, 4888-4892.	3.2	14
119	Semiempirical analysis of spin-lattice relaxation in rare earth Kramers' doublets. Solid State Communications, 1974, 15, 823-826.	1.9	0
120	On the temperature dependence of the axial parameter D of Mn <sup>2+</sup> in calcite. Solid State Communications, 1974, 15, 173-175.	1.9	10
121	Angular variation of the EPR linewidths of ions in tetragonal symmetries; Mn <sup>2+</sup> in CaWO <sub>4</sub> . Solid State Communications, 1973, 12, 963-965.	1.9	5
122	Temperature Dependence of the Spin-Lattice Interaction for Gd <sup>3+</sup> in ThO <sub>2</sub> and CeO <sub>2</sub> . Physical Review B, 1972, 5, 2474-2480.	3.2	19
123	The spin-lattice interaction for rare earth S-state ions. Journal of Physics and Chemistry of Solids, 1972, 33, 2275-2279.	4.0	23
124	Angular variation of the EPR linewidth of Ni <sup>2+</sup> in CaO. Physics Letters, Section A: General, Atomic and Solid State Physics, 1971, 37, 201-202.	2.1	6
125	Calculation of the Spin-Lattice Coefficients of Gd <sup>3+</sup> in CaF <sub>2</sub> Using a Point-Charge Model for the Crystalline Field. Physical Review B, 1971, 4, 2876-2880.	3.2	8
126	Endor measurements in <sup>57</sup> Fe <sup>3+</sup> in calcium oxide. Physics Letters, Section A: General, Atomic and Solid State Physics, 1970, 31, 407-408.	2.1	8



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127	Second and fourth order spin-lattice coefficients for Gd <sup>3+</sup> in thoria. Physics Letters, Section A: General, Atomic and Solid State Physics, 1970, 32, 393-394.	2.1	7
128	Spin-Lattice Coefficients for Gd <sup>3+</sup> and Eu <sup>2+</sup> in CaF <sub>2</sub> and for Gd <sup>3+</sup> in CaO. Physical Review, 1969, 177, 484-490.	2.7	43
129	Angular dependence of g-shifts of Kramer's doublets in a crystal under uniaxial stress. Physics Letters, Section A: General, Atomic and Solid State Physics, 1969, 30, 287-288.	2.1	4
130	Uniaxial stress measurements on iron group impurities in calcium oxide. Physics Letters, Section A: General, Atomic and Solid State Physics, 1968, 27, 143-144.	2.1	30
131	Temperature dependence of the hyperfine coupling of (Gd <sup>155</sup> ) <sup>3+</sup> in thorium oxide. Physics Letters, Section A: General, Atomic and Solid State Physics, 1968, 27, 713-714.	2.1	3
132	Temperature Dependence of the Hyperfine Coupling of Mn <sup>2+</sup> in the Oxides: Experimental and Theoretical. Physical Review, 1967, 164, 284-287.	2.7	17