

# Rafael Calvo

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The electronic structure of Fe <sup>2+</sup> in reaction centers from <i>Rhodospseudomonas sphaeroides</i> . III. EPR measurements of the reduced acceptor complex. <i>Biophysical Journal</i> , 1984, 45, 947-973.	0.5	140
2	EPR Study of the Molecular and Electronic Structure of the Semiquinone Biradical QA-â€¢QB-â€¢in Photosynthetic Reaction Centers from <i>Rhodobactersphaeroides</i> . <i>Journal of the American Chemical Society</i> , 2000, 122, 7327-7341.	13.7	110
3	Superexchange coupling mediated by carboxylate and hydrogen bridges in copper amino acid complexes. <i>Inorganic Chemistry</i> , 1990, 29, 1581-1583.	4.0	93
4	Magnetic, transport, and thermal properties of ferromagnetic EuB <sub>6</sub> . <i>Journal of Applied Physics</i> , 1979, 50, 1911-1913.	2.5	89
5	Ion-Pair Charge-Transfer Complexes Based on (o-Phenylenebis(oxamato))cuprate(II) and Cyclic Diquaternary Cations of 1,10-Phenanthroline and 2,2'-Bipyridine:â€‰ Synthesis, Crystal Structure, and Physical Properties. <i>Inorganic Chemistry</i> , 1998, 37, 6452-6460.	4.0	88
6	Gadolinium and Neodymium Citrates:â€‰ Evidence for Weak Ferromagnetic Exchange between Gadolinium(III) Cations. <i>Inorganic Chemistry</i> , 2005, 44, 8979-8987.	4.0	85
7	Carboxylate-Bridged Copper(II)-Lanthanide(III) Complexes [Cu <sub>3</sub> Ln <sub>2</sub> (oda) <sub>6</sub> (H <sub>2</sub> O) <sub>6</sub> ]-12H <sub>2</sub> O]n (Ln = Dy, Ho). <i>J. Inorg. Biochem.</i> 2001, 84, 1-14.	4.0	68
8	Protein-Cofactor Interactions in Bacterial Reaction Centers from <i>Rhodobacter sphaeroides</i> R-26: II. Geometry of the Hydrogen Bonds to the Primary Quinone $Q_A$ . <i>Journal of Physical Chemistry</i> , 2001, 105, 10784-10794.	0.5	68
9	Probing hydrogen bonding to quinone anion radicals by 1H and 2H ENDOR spectroscopy at 35 GHz. <i>Chemical Physics</i> , 2003, 294, 401-413.	1.9	64
10	Structure and Magnetic Properties of Layered High-Spin Co(II)(l-threonine) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> . <i>Inorganic Chemistry</i> , 2003, 42, 4409-4416.	4.0	58
11	EPR measurements of weak exchange interactions coupling unpaired spins in model compounds. <i>Applied Magnetic Resonance</i> , 2007, 31, 271-299.	1.2	57
12	EPR study of electronic and magnetic properties of bis(DL-proline) <sub>2</sub> amino-butyrato)copper(II). A layered magnetic system. <i>Physical Review B</i> , 1983, 28, 1244-1248.	3.2	49
13	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
14	Magnetic Properties of Carboxylate-Bridged Ferromagnetic Copper(II) Chains Coupled by Cation-â€‰ Interactions. <i>Journal of Physical Chemistry B</i> , 2001, 105, 5039-5047.	2.6	48
15	Structural and Single Crystal EPR Studies of the Complex Copper L-Glutamine: A Weakly Exchange-Coupled System with syn-anti Carboxylate Bridges. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2913-2919.	2.0	44
16	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
17	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. <i>Physical Review</i> , 1969, 177, 484-490.	2.7	43
18	Magnetic properties of Cd <sub>1-x</sub> Mn <sub>x</sub> Te. <i>Solid State Communications</i> , 1980, 35, 539-542.	1.9	43

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19	EPR spectra and linewidths of Mn <sup>2+</sup> in calcite. Physical Review B, 1975, 12, 853-860.	3.2	42
20	Crystal structure and magnetic properties of diaqua(L-aspartato)copper(II). Inorganic Chemistry, 1993, 32, 6016-6022.	4.0	42
21	EPR and ligand ENDOR measurements of Cu (ii) in L-alanine single crystals. Journal of Chemical Physics, 1980, 72, 760-767.	3.0	40
22	Magnetism and Structure in Chains of Copper Dinuclear Paddlewheel Units. Inorganic Chemistry, 2010, 49, 695-703.	4.0	39
23	Electron spin resonance in Cd <sup>1-x</sup> MnxTe. Journal of Applied Physics, 1979, 50, 7738.	2.5	37
24	EPR Study of the Semiquinone Biradical QA•-QB• in Photosynthetic Reaction Centers of Rhodospirillum rubrum at 326 GHz: A Determination of the Exchange Interaction. Journal of Physical Chemistry B, 2001, 105, 4053-4057.	2.6	37
25	Exchange interaction between copper(II) ions through glutamic acid molecules. Inorganic Chemistry, 1993, 32, 2078-2084.	4.0	36
26	Crystal structure and magnetic interactions in bis(D,L-alaninato)copper(II) hydrate. Inorganic Chemistry, 1991, 30, 216-220.	4.0	33
27	Identification of the ENDOR Lines Associated with the Hydrogen Bonds to the Primary Quinone in Photosynthetic Reaction Centers from Rhodospirillum rubrum. Biophysical Journal, 2006, 90, 1000-1008.	0.5	32
28	A new copper(II) di-1/2-carboxylato bridged dinuclear complex: [Cu(oda)phen]2·6H2O (oda=oxydiacetate,). Tj ETQo 0 0 0 rgBT /Overlo	3.9	32
29	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
30	Structural and magnetic properties of a copper amino acid salt: Copper (II) bis (L-alanine isobutyrate). Journal of Chemical Physics, 1984, 81, 4584-4591.	3.0	29
31	EPR Study of Cu(L-ILE) <sub>2</sub> , a copper-amino acid salt. Chemical Physics, 1985, 100, 89-99.	1.9	25
32	Exchange interactions and magnetic dimension in Cu(L-alanine) <sub>2</sub> . Physical Review B, 1991, 43, 1074-1083.	3.2	25
33	New copper(II)-radical one dimensional chain: Synthesis, crystal structure, EPR, magnetic properties and DFT calculations. Dalton Transactions, 2009, , 6816.	3.3	25
34	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
35	Exchange interactions in bis(L-leucinato)copper(II). Journal of Physics Condensed Matter, 1989, 1, 637-642.	1.8	24
36	Molecular structure and exchange interactions in trans-bis(L-2-aminobutyrate)copper(II) and trans-bis(DL-2-aminobutyrate)copper(II). Inorganic Chemistry, 1990, 29, 3918-3922.	4.0	24

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37	EPR measurements in copper saccharinate single crystals. <i>Chemical Physics Letters</i> , 1997, 271, 51-54.	2.6	24
38	Crystal Structures and Magnetic Properties of $\text{CuX}_2(\text{pdmp})_2$ Complexes (X = Br, Cl). <i>Inorganic Chemistry</i> , 1999, 38, 4413-4421.	4.0	24
39	Structure, Single Crystal EPR Spectra, and Exchange Interactions in $[\text{Cu}(\text{l-proline})_2]_2 \cdot 5\text{H}_2\text{O}$ and $\text{Cu}(\text{d,l-proline})_2 \cdot 2\text{H}_2\text{O}$ . <i>Inorganic Chemistry</i> , 1999, 38, 3598-3604.	4.0	24
40	The spin-lattice interaction for rare earth S-state ions. <i>Journal of Physics and Chemistry of Solids</i> , 1972, 33, 2275-2279.	4.0	23
41	EPR of layered magnetic metal-amino acid salts. I. $\text{Cu}(\text{L-PHE})_2$ . <i>Chemical Physics</i> , 1987, 111, 431-438.	1.9	23
42	EPR of layered magnetic metal-amino acid salts. II. $\text{Cu}(\text{L-Met})_2$ . <i>Chemical Physics</i> , 1988, 120, 449-459.	1.9	23
43	Magnetic Interactions in the Copper Complex (l-Aspartato)(1,10-phenanthroline)copper(II) Hydrate. An Exchange-Coupled Extended System with Two Dissimilar Copper Ions. <i>Inorganic Chemistry</i> , 1997, 36, 3183-3189.	4.0	23
44	1-D Polymers with Alternate $\text{Cu}^{2+}$ and $\text{Ln}^{3+}$ Units (Ln = Gd, Er, Y) and Carboxylate Linkages. <i>Inorganic Chemistry</i> , 2008, 47, 10389-10397.	4.0	23
45	EPR spectroscopy and exchange interaction parameters in $\text{Cu}(\text{glycine})_2 \cdot \text{H}_2\text{O}$ . <i>Physica B: Condensed Matter</i> , 1996, 225, 63-75.	2.7	22
46	Electron Paramagnetic Resonance Study of Weak Exchange Interactions between Metal Ions in a Model System: $\text{Cu}(\text{Gly-Trp})$ . <i>Journal of Physical Chemistry B</i> , 2004, 108, 9549-9555.	2.6	22
47	Single crystal EPR study of electronic structure and exchange interactions for copper(II)(l-arginine) $_2(\text{SO}_4) \cdot (\text{H}_2\text{O})_6$ : 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
48	Spin-lattice coefficients of $\text{Mn}^{2+}$ in $\text{M}^{VI}$ compounds. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1980, 77, 473-475.	2.1	21
49	Evaluation by EPR of the Exchange Interactions Coupling Anisotropic Spins at Symmetry-Related Sites in Paramagnetic Crystals. <i>Journal of Magnetic Resonance Series A</i> , 1995, 114, 1-11.	1.6	21
50	Magnetic interactions in aqua(l-aspartato)-(2,2'-bipyridine)copper(II) trihydrate. <i>Inorganica Chimica Acta</i> , 1995, 228, 261-266.	2.4	21
51	Weak Exchange Interaction Supported by a Biologically Relevant Long Chemical Bridge in a $\text{Cu}^{II}$ Peptide Model Compound. <i>Inorganic Chemistry</i> , 2006, 45, 2942-2947.	4.0	21
52	Synthesis and structures of four new compounds of the copper(II)-carboxylate-pyridinecarboxamide system. <i>Inorganica Chimica Acta</i> , 2011, 373, 117-123.	2.4	21
53	Anisotropy and field dependence of the electron-paramagnetic-resonance linewidth of Ag: Dy. <i>Physical Review B</i> , 1978, 18, 3041-3047.	3.2	20
54	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

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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	Structure and magnetic properties of binuclear Cu <sub>2</sub> (O <sub>2</sub> CCH <sub>2</sub> ...CHCH <sub>3</sub> ) <sub>4</sub> (DMF) <sub>2</sub> : a carboxylate-bridged Cu(II) spin dimer. Inorganica Chimica Acta, 2000, 310, 81-88.	2.4	20
57	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
58	Synthesis, Crystal Structure, and Magnetic Properties of the Mixed-Ligand Complex [Gd(CF <sub>3</sub> CO <sub>2</sub> ) <sub>3</sub> (phen) <sub>2</sub> (H <sub>2</sub> O)]. Inorganic Chemistry, 2001, 40, 3623-3625.	4.0	19
59	Electron Spin Relaxation in Pseudo-Jahn-Teller Low-Symmetry Cu(II) Complexes in Diaqua(L-Aspartate)Zn(II)·H <sub>2</sub> O Crystals. Journal of Magnetic Resonance, 2001, 153, 92-102.	2.1	19
60	Exchange Interactions Through π-π Stacking in the Lamellar Compound [Cu(bipy)(en)] <sub>2</sub> [Cu(bipy)(H <sub>2</sub> O)] <sub>2</sub> [VO <sub>3</sub> ] <sub>4</sub> . Inorganic Chemistry, 2011, 50, 11461-11471.	4.0	19
61	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
62	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
63	Temperature Dependence of the Hyperfine Coupling of Mn <sup>2+</sup> in the Oxides: Experimental and Theoretical. Physical Review, 1967, 164, 284-287. Spin-Lattice Relaxation of Coupled Metal-Radical Spin-Dimers in Proteins: Application to Fe <sup>2+</sup> -Cofactor	2.7	17

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73	On the electron spin resonance linewidths of metâ€moglobin. <i>Journal of Chemical Physics</i> , 1976, 64, 2264-2265.	3.0	13
74	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)]â€²Â·(H <sub>3</sub> O)+Â·(H <sub>2</sub> O) <sub>6</sub> . <i>Polyhedron</i> , 2007, 26, 5001-5008.	2.2	13
75	Structure and magnetism of a binuclear Cu<sup>II</sup> pyrophosphate: transition to a 3D magnetic behaviour studied by single crystal EPR. <i>Dalton Transactions</i> , 2015, 44, 4732-4743.	3.3	13
76	Magnetic behavior of Cd1â€²xMnxSe. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1980, 80, 311-313.	2.1	12
77	Magnetic properties of the M(PO <sub>3</sub> ) <sub>3</sub> (M=Ti, V) metaphosphates. <i>Journal of Materials Chemistry</i> , 1998, 8, 1423-1426.	6.7	12
78	Spin diffusion in low-dimensional copper-amino-acid complexes. <i>Journal of Physics Condensed Matter</i> , 1991, 3, 1877-1888.	1.8	11
79	Electron spin resonance of Cu 2+ impurities in l -arginine phosphate monohydrate single crystals. <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 1857-1862.	4.0	11
80	On the temperature dependence of the axial parameter D of Mn <sup>2+</sup> in calcite. <i>Solid State Communications</i> , 1974, 15, 173-175.	1.9	10
81	Low temperature specific heat of cry-con grease. <i>Cryogenics</i> , 1983, 23, 52-54.	1.7	10
82	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> Â·H <sub>2</sub> O. <i>Physica B: Condensed Matter</i> , 1990, 164, 323-330.	2.7	10
83	Structure and magnetism of catena-poly[copper(II)-1/4-dichloro-l-lysine]hemihydrate: Copper chains with monochloride bridges. <i>Polyhedron</i> , 2012, 47, 53-59.	2.2	10
84	The structure, magnetism and EPR spectra of a (1/4-thiophenolato)(1/4-pyrazolato-N,Nâ€²) double bridged dicopper(<sc>ii</sc>) complex. <i>Dalton Transactions</i> , 2015, 44, 2431-2438.	3.3	10
85	A seven-coordinate FeIII 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
86	Magnetic properties and EPR spectra of [Cu(L-arginine) <sub>2</sub> ](NO <sub>3</sub> ) <sub>2</sub> Â·3H <sub>2</sub> O. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 1533-1539.	4.0	9
87	Endor measurements in <sup>57</sup> Fe <sup>3+</sup> in calcium oxide. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1970, 31, 407-408.	2.1	8
88	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. <i>Physical Review B</i> , 1971, 4, 2876-2880.	3.2	8
89	Specific heat of nickel diglycine dihydrate between 0.5 and 10 K. <i>Journal of Applied Physics</i> , 1982, 53, 2671-2673.	2.5	8
90	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

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91	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
92	Coaxial coupler for a 9 GHz EPR/ENDOR cryostat. Review of Scientific Instruments, 1980, 51, 1409-1411.	1.3	7
93	Non-secular ESR broadening in a copper-amino acid complex. Journal of Physics Condensed Matter, 1989, 1, 7061-7068.	1.8	7
94	Magnetic and structural properties of trans-bis (d,l-isoleucine) copper(II). Journal of Solid State Chemistry, 1991, 90, 211-215.	2.9	7
95	EPR study of Cu(II) dopant ions in single crystals of bis(l-asparaginato)Zn(II). Journal of Physics and Chemistry of Solids, 2006, 67, 745-750.	4.0	7
96	Growth, EPR and optical absorption spectra of l-threonine single crystals doped with Cu <sup>2+</sup> ions. Journal of Physics and Chemistry of Solids, 2007, 68, 586-593.	4.0	7
97	Synthesis and Structure of the Dimeric Copper(II) Complex Tetrakis[N-thiazol-2-yl-(4-methylphenyl)sulfonamidate]dicopper(II). Journal of Chemical Crystallography, 2008, 38, 71-75.	1.1	7
98	Pyrophosphate-Bridged Cull Chain Magnet: {[Na <sub>3</sub> Cu(P <sub>2</sub> O <sub>7</sub> )(NO <sub>3</sub> )]·3H <sub>2</sub> O} <sub>n</sub> . Inorganic Chemistry, 2010, 49, 5650-5657.	4.0	7
99	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
100	Magnetic properties of four Cu(ii) amino acid salts. Journal of Applied Physics, 1984, 55, 2336-2337.	2.5	6
101	Structural and EPR studies of pyrophosphate-bridged dinuclear Cull complexes. Polyhedron, 2014, 79, 178-185.	2.2	6
102	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
103	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
104	Exchange couplings and quantum phases in two dissimilar arrays of similar copper dinuclear units. Dalton Transactions, 2020, 49, 5228-5240.	3.3	6
105	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
106	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
107	Magnetic susceptibility of antiferromagnetic nickel diglycine dihydrate. Journal of Applied Physics, 1982, 53, 2674-2676.	2.5	5
108	Temperature dependence of the EPR spectra of Cu(AAB) <sub>2</sub> , a copper-aminoacid salt. Physics Letters, Section A: General, Atomic and Solid State Physics, 1985, 108, 217-220.	2.1	5

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109	EPR and magnetic studies of a carboxylate-bridged dinuclear copper(II) compound: [Cu <sub>2</sub> (flu) <sub>4</sub> (dmf) <sub>2</sub> ]. Journal of the Brazilian Chemical Society, 2011, 22, 669-676.	0.6	5
110	Two dinuclear pyrophosphate-bridged copper(II) complexes displaying unusually strong OHO interactions. Inorganic Chemistry Communication, 2012, 22, 141-145.	3.9	5
111	Temperature dependence of the effective interdimer exchange interaction in a weakly coupled antiferromagnetic dimer copper compound. Physical Review B, 2017, 96, .	3.2	5
112	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
113	<sup>14</sup> N Nuclear quadrupole interaction in Cu(II) doped L-alanine. Journal of Molecular Structure, 1980, 68, 203-208.	3.6	4
114	Crystal structure determination of $\hat{L}$ -aminoisobutyrate( $\hat{L}$ -Aib)-transition-metal complexes. III. Crystal structure of the 1:2 complex of bis( $\hat{L}$ -Aib)diaquazinc(II) and bis( $\hat{L}$ -Aib)aquazinc(II). Acta Crystallographica Section C: Crystal Structure Communications, 1986, 42, 21-24.	0.4	4
115	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
116	Single-crystal EPR study of the compounds [MCu(edta)(H <sub>2</sub> O) <sub>3</sub> ] $\cdot$ H <sub>2</sub> O (M = Sr, Ba). Journal of the Chemical Society, Faraday Transactions, 1995, 91, 423-426.	1.7	4
117	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
118	Very Low Temperature Magnetization of Cu( $\hat{L}$ -ALA) <sub>2</sub> . Japanese Journal of Applied Physics, 1987, 26, 861.	1.5	3
119	Electron spin resonance lineshifts in paramagnetic copper-amino acid complexes. Journal of Physics Condensed Matter, 1990, 2, 9113-9124.	1.8	3
120	catena-Poly[copper(II)- $\frac{1}{4}$ -L-tyrosyl-L-leucinato]. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, m250-m252.	0.4	3
121	Alternate Cu <sub>2</sub> and Er <sub>2</sub> Spin Carriers in a Carboxylate-Bridged Chain: EPR Study. Journal of Physical Chemistry A, 2009, 113, 8830-8833.	2.5	3
122	Electron paramagnetic resonance study of ternary CuII compounds with glycine and phenanthroline. Journal of Chemical Sciences, 2014, 126, 255-264.	1.5	3
123	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
124	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
125	Neutron-diffraction study of the magnetic ordering in Ni(CH <sub>2</sub> CO <sub>2</sub> NH <sub>2</sub> ) <sub>2</sub> $\cdot$ 2H <sub>2</sub> O. Physical Review B, 1985, 31, 358-363.	3.2	2
126	Crystal structure determination of $\hat{L}$ -aminoisobutyrate( $\hat{L}$ -Aib)-transition-metal complexes. II. Structure of bis( $\hat{L}$ -Aib)copper(II). Acta Crystallographica Section C: Crystal Structure Communications, 1986, 42, 19-21.	0.4	2

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127	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
128	EPR study of the electronic properties and weak exchange interactions in bis(l-phenylalaninamidato)Cu(II). Journal of Inorganic Biochemistry, 2001, 84, 201-206.	3.5	2
129	¼-Acetato-¼-aqua-¼-hydroxido-bis[(1,10-phenanthroline)copper(II)] dinitrate monohydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2011, 67, m130-m133.	0.4	2
130	Crystal structure and EPR spectra of glycylglycylglycinocopper(II)bromide sesquihydrate. Journal of Chemical Crystallography, 1998, 28, 61-68.	1.1	1
131	Semiempirical analysis of spin-lattice relaxation in rare earth Kramers' doublets. Solid State Communications, 1974, 15, 823-826.	1.9	0
132	Second moment of the magnetic resonance of a dipolar-coupled lattice with several species of anisotropic spins. Journal of Magnetic Resonance, 1989, 81, 378-382.	0.5	0