

Pierre Rabu

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#	Paper	IF	Citations
134	Structure and Magnetism of a Polycrystalline Transition Metal Soap \square $\text{CoII}[\text{OOC}(\text{CH}_2)_{10}\text{COO}](\text{H}_2\text{O})_2$. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 2843	2.3	276
133	Synthesis, structure and magnetism of homologous series of polycrystalline cobalt alkane mono- and dicarboxylate soaps. <i>Chemistry - A European Journal</i> , 2002 , 8, 1813-20	4.8	234
132	Ab-Initio XRPD Crystal Structure and Giant Hysteretic Effect ($H_c = 5.9$ T) of a New Hybrid Terephthalate-Based Cobalt(II) Magnet \square <i>Chemistry of Materials</i> , 2000 , 12, 2805-2812	9.6	186
131	Metal-peptide frameworks (MPFs): "bioinspired" metal organic frameworks. <i>Journal of the American Chemical Society</i> , 2008 , 130, 2517-26	16.4	142
130	From hydrated $\text{Ni}_3(\text{OH})_2(\text{C}_8\text{H}_4\text{O}_4)_2(\text{H}_2\text{O})_4$ to anhydrous $\text{Ni}_2(\text{OH})_2(\text{C}_8\text{H}_4\text{O}_4)$: impact of structural transformations on magnetic properties. <i>Inorganic Chemistry</i> , 2014 , 53, 872-81	5.1	133
129	Layered hydroxide hybrid nanostructures: a route to multifunctionality. <i>Chemical Society Reviews</i> , 2011 , 40, 1031-58	58.5	120
128	Misfit layer compounds (MS) $n\text{T}_2\text{S}$ (M = Sn, Pb, Bi, rare earth elements; T = Nb, Ta ; n = 1.08 \square 1.19), a new class of layer compounds. <i>Solid State Communications</i> , 1989 , 70, 409-413	1.6	112
127	Layered Organic-Inorganic Materials: A Way towards Controllable Magnetism. <i>Advanced Engineering Materials</i> , 2003 , 5, 189-210	3.5	99
126	Copper(II) and cobalt(II) dicarboxylate-based layered magnets: influence of \square electron ligands on the long range magnetic ordering. <i>Polyhedron</i> , 2001 , 20, 1677-1685	2.7	97
125	Self-Assembly and Magnetism of Mn_{12} Nanomagnets on Native and Functionalized Gold Surfaces. <i>Advanced Materials</i> , 2005 , 17, 1612-1616	24	96
124	Supramolecular cobalt cages and coordination polymers templated by anion guests: self-assembly, structures, and magnetic properties. <i>Chemistry - A European Journal</i> , 2007 , 13, 5401-7	4.8	85
123	The incommensurate misfit layer structure of $(\text{PbS})_{1.14}\text{NbS}_2$, 'PbNbS3' and $(\text{LaS})_{1.14}\text{NbS}_2$, 'LaNbS3': an X-ray diffraction study. <i>Acta Crystallographica Section B: Structural Science</i> , 1990 , 46, 324-332		82
122	Hybrid organic-inorganic layered compounds prepared by anion exchange reaction: correlation between structure and magnetic properties. <i>Journal of Materials Chemistry</i> , 1999 , 9, 169-174		81
121	Formation of Ferromagnetic Chains by Photolysis of 1:1 Complexes of Bis(hexafluoroacetylacetonato)copper(II) with Diazodi-4-pyridylmethane. <i>Journal of the American Chemical Society</i> , 1997 , 119, 8246-8252	16.4	78
120	Synthesis, Crystal Structure and Magnetic Properties of the Helical-Chain Compounds $[\text{M}_2(\text{O}_2\text{CC}_{12}\text{H}_8\text{CO}_2)_2(\text{H}_2\text{O})_8]$ [M = Cobalt(II), Nickel(II)]. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 895-900	2.3	74
119	Magnetic properties of a new 3D-cobalt phosphonate: $\text{Co}_3(\text{O}_3\text{PC}_2\text{H}_4\text{CO}_2)_2$. <i>Journal of Materials Chemistry</i> , 1999 , 9, 1323-1326		74
118	Isolation of the large {actinide} $_{38}$ poly-oxo cluster with uranium. <i>Journal of the American Chemical Society</i> , 2013 , 135, 15678-81	16.4	72

117	Hybrid organic/inorganic multilayer materials: influence of π -electrons as magnetic media in a series of bridged-layer compounds $M_2(OH)_4A_x/2$ ($M=Cu(II)$ or $Co(II)$, A =dicarboxylate anion). <i>Polyhedron</i> , 2000 , 19, 259-266	2.7	72
116	A three-dimensional metal-organic framework with an unprecedented octahedral building unit. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6488-91	16.4	69
115	Structure and magnetic properties of a new cobalt(II) thiophenedicarboxylate coordination polymer showing unprecedented coordination. <i>Inorganic Chemistry</i> , 2007 , 46, 3423-5	5.1	67
114	Photochemical Formation of Ferrimagnetic Chains from a Pair of Polymeric Complexes Made of Octahedral Bis(hexafluoroacetylacetonato)manganese(II) with Diazodi(4-pyridyl)methane in the Cis and Trans Configurations as Repeating Units. <i>Journal of the American Chemical Society</i> , 1998 , 120, 10080-10087	16.4	67
113	Identification, quantification and modification of detonation nanodiamond functional groups. <i>Diamond and Related Materials</i> , 2012 , 22, 113-117	3.5	61
112	Synthesis, structure and magnetic properties of chiral and nonchiral transition-metal malates. <i>Chemistry - A European Journal</i> , 2006 , 12, 7627-38	4.8	61
111	Pressure effect on the magnetism of layered copper(II) compounds with interlayer spacing up to 40.7 Å. Nature of the magnetic ordering. <i>Physical Review B</i> , 2002 , 65,	3.3	61
110	Ferro/antiferromagnetism mediated by interlayer organic spacers in layered copper(II) compounds. <i>Chemical Communications</i> , 1996 , 1107	5.8	60
109	Preparation and characterization of new mixed sandwiched layered compounds $Ln_3Nb_2S_8$ ($Ln=La, Ce$). <i>Journal of Solid State Chemistry</i> , 1989 , 78, 35-45	3.3	58
108	Transparent, flexible, and paramagnetic ionogels based on PMMA and the iron-based ionic liquid 1-butyl-3-methylimidazolium tetrachloroferrate(III) [Bmim][FeCl ₄]. <i>Journal of Materials Chemistry</i> , 2010 , 20, 9543		57
107	A Unique NiII Complex with Three Different Azido Bridges: Magneto-Structural Correlations in the First Triply Alternating $S = 1$ Chain. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 2520-2522		53
106	Long range ferromagnetism in tunable cobalt(II) layered compounds up to 25 Å part. <i>Journal of Magnetism and Magnetic Materials</i> , 1996 , 154, L7-L11	2.8	52
105	Temperature induced single-crystal-to-single-crystal transformations and structure directed effects on magnetic properties. <i>Inorganic Chemistry</i> , 2007 , 46, 9083-9	5.1	51
104	Three-Coordinate Iron(II) N-Heterocyclic Carbene Alkyl Complexes. <i>Organometallics</i> , 2012 , 31, 4102-4105,8		50
103	Characterization of new $BnNbS_3$, $PbNbS_3$, $PbNb_2S_5$, $SnTiS_3$ and $SnTi_2S_5$ compounds. <i>Materials Research Bulletin</i> , 1988 , 23, 1061-1069	5.1	50
102	Multilayered Ferromagnets Based on Hybrid Organic/Inorganic Derivatives. <i>Advanced Materials</i> , 1998 , 10, 1024-1028	24	49
101	An approach to chiral magnets using π -hydroxycarboxylates. <i>Journal of Materials Chemistry</i> , 2006 , 16, 2715-2728		45
100	Influence of Magnetic Ordering on the Luminescence in a Layered Organic/Inorganic OPVNi(II) Compound. <i>Chemistry of Materials</i> , 2004 , 16, 2933-2937	9.6	43

- 99 Magnetic properties of rare-earth-based misfit layered materials of formula $(LnS)_nNbS_2(Ln$ identical to lanthanides, Y). *Journal of Physics Condensed Matter*, **1991**, 3, 9929-9940 1.8 42
- 98 Theoretical determination of multiple exchange couplings and magnetic susceptibility data in inorganic solids: the prototypical case of $Cu_2(OH)3NO_3$. *Journal of Physical Chemistry B*, **2006**, 110, 115-8³-4 39
- 97 Synthesis, structure, and magnetic properties of two new ferromagnetic/antiferromagnetic one-dimensional nickel(II) complexes. Magnetostructural correlations. *Inorganic Chemistry*, **2000**, 39, 2572-6 5.1 39
- 96 Designing Near-Infrared and Visible Light Emitters by Postsynthetic Modification of $Ln+3IRMOF-3$. *European Journal of Inorganic Chemistry*, **2014**, 2014, 5285-5295 2.3 38
- 95 New layered organic-inorganic magnets incorporating azo dyes. *Journal of Materials Chemistry*, **2009**, 19, 6106 38
- 94 Studies on Three-Coordinate $[Co\{N(SiMe_3)_2\}_2L]$ Complexes, L = N-Heterocyclic Carbene. *Organometallics*, **2015**, 34, 2429-2438 3.8 37
- 93 Trinuclear copper(II) coordination compounds with the new ligand 1,9-bis-(3-amino-4H-1,2,4-triazol-5-yl)-3,7-dithianonane; X-ray structures and magnetochemistry. *Inorganica Chimica Acta*, **1996**, 248, 35-44 2.7 37
- 92 Uniform metal (hydr)oxide particles from water/ionic liquid precursor (ILP) mixtures. *Chemistry - A European Journal*, **2008**, 14, 8409-17 4.8 36
- 91 Magnetic properties of bulk Mn_{12} Pivalates¹⁶ single molecule magnets and their self assembly on functionalized gold surface. *Journal of Applied Physics*, **2004**, 95, 7345-7347 2.5 36
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- 89 Grafting of Thiophenecarboxylates into Magnetic Transition Metal Hydroxide Layers. *Chemistry of Materials*, **2006**, 18, 3005-3015 9.6 35
- 88 Incommensurate spin correlation driven by frustration in $BiCu_2PO_6$. *Physical Review B*, **2009**, 80, 3.3 32
- 87 Hydrothermal Crystallization of Uranyl Coordination Polymers Involving an Imidazolium Dicarboxylate Ligand: Effect of pH on the Nuclearity of Uranyl-Centered Subunits. *Inorganic Chemistry*, **2016**, 55, 8697-705 5.1 32
- 86 Tunable synthesis of Prussian Blue in exponentially growing polyelectrolyte multilayer films. *Langmuir*, **2009**, 25, 14030-6 4 31
- 85 Comparison of the structure and magnetic order in a series of layered Ni(II) organophosphonates, $Ni[(RPO_3)(H_2O)]$ (R = C₆H₅, CH₃, C₁₈H₃₇). *Inorganic Chemistry*, **2008**, 47, 10945-52 5.1 31
- 84 Syntheses, Structures and Magnetic Properties of Layered Metal(II) Mandelates. *European Journal of Inorganic Chemistry*, **2005**, 2005, 662-669 2.3 31
- 83 Recent Experimental and Theoretical Studies of Molecular and Layered Metal-Radical Based Magnets. *Molecular Crystals and Liquid Crystals*, **1995**, 273, 125-140 31
- 82 Towards a better understanding of magnetic interactions within m-phenylene alpha-nitronyl nitroxide and imino nitroxide based radicals, part III: Magnetic exchange in a series of triradicals and tetradicals based on the phenyl acetylene and biphenyl coupling units. *Chemistry - A European Journal*, **2005**, 11, 2440-54 4.8 29

81	Long-Range Energy Transport via Plasmonic Propagation in a Supramolecular Organic Waveguide. <i>Nano Letters</i> , 2016 , 16, 2800-5	11.5	28
80	Neutron diffraction studies of canted antiferromagnetic ordering in Coll hydroxide terephthalate. <i>Solid State Sciences</i> , 2003 , 5, 321-326	3.4	28
79	Rational synthesis of chiral layered magnets by functionalization of metal simple hydroxides with chiral and non-chiral Ni(II) Schiff base complexes. <i>Dalton Transactions</i> , 2010 , 39, 10577-80	4.3	26
78	Bulk homochirality of a 3-D inorganic framework: ligand control of inorganic network chirality. <i>Chemical Communications</i> , 2009 , 4551-3	5.8	26
77	Ferromagnetism in 1d and 2d triangular nickel(II) -based compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 1996 , 163, 365-372	2.8	26
76	Chain-like and dinuclear coordination polymers in lanthanide (Nd, Eu) oxochloride complexes with 2,2':6',2''-terpyridine: synthesis, XRD structure and magnetic properties. <i>Dalton Transactions</i> , 2011 , 40, 9136-44	4.3	25
75	Stabilization of Tetravalent 4f (Ce), 5d (Hf), or 5f (Th, U) Clusters by the $[\text{SiW}_9\text{O}_{34}]^{10-}$ Polyoxometalate. <i>Inorganic Chemistry</i> , 2015 , 54, 8271-80	5.1	24
74	Ab initio crystal structure of copper(II) hydroxy-terephthalate by synchrotron powder diffraction and magnetic properties. <i>Solid State Sciences</i> , 2005 , 7, 227-232	3.4	24
73	Synthesis and Spectroscopy of Coordination Compounds of a Versatile Bridging Ligand. Molecular Structures of the Dinuclear Compounds $[\text{Co}_2(\text{bdnol})(\text{NCS})_3]$, $[\text{Zn}_2(\text{bdnol})\text{Cl}(\text{NCS})_2]$, and $[\text{Cu}_2(\text{bdnol})(\text{NO}_3)_3]$ and of the Polymeric Copper(I) Compound $[\text{Cu}_2(\text{Hbdnol})(\text{NCS})_2]$. <i>Inorganic Chemistry</i> , 1995 , 34, 6302-6311	5.1	24
72	Very-low temperature magnetic ordering and dimensionality of the square planar system cobalt(II) phenoxyacetate. <i>Solid State Sciences</i> , 2005 , 7, 431-436	3.4	23
71	From Salicylaldehyde to Chiral Salen Sulfonates Syntheses, Structures and Properties of New Transition Metal Complexes Derived from Sulfonato Salen Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4450-4461	2.3	22
70	Intercalation synthesis of functional hybrid materials based on layered simple hydroxide hosts and ionic liquid guests--a pathway towards multifunctional ionogels without a silica matrix?. <i>Dalton Transactions</i> , 2011 , 40, 9977-88	4.3	21
69	Synthesis, optical and magnetic properties of hybrid H^+ -oligothiophenecarboxylates/transition metal hydroxide multilayered compounds. <i>Journal of Materials Chemistry</i> , 2010 , 20, 9401		21
68	Ligand influences on the structures of copper(II) vanadates. Structures and magnetic properties of $[\text{Cu}_3(\text{triazolate})_2\text{V}_4\text{O}_{12}]$, $[\text{Cu}_2(\text{tpyrypyz})_2\text{V}_4\text{O}_{12}]$ (tpyrypyz=tetrapyridylpyrazine) and $[\text{Cu}_2(\text{pyrazine})\text{V}_4\text{O}_{12}]$. <i>Solid State Sciences</i> , 2002 , 4, 1095-1102	3.4	21
67	Synthesis, Structure and Magnetic Properties of the Cobalt(II) 1,1'-Biphenyl-2,2'-dicarboxylate Hydroxide Chain Compound $[\text{Co}_3\{\text{O}_2\text{CC}_{12}\text{H}_8\text{CO}_2\}_2.5(\text{OH})(\text{H}_2\text{O})_2]_n$. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 4173-4178	2.3	21
66	Series of Hydrated Heterometallic Uranyl-Cobalt(II) Coordination Polymers with Aromatic Polycarboxylate Ligands: Formation of U?O-Co Bonding upon Dehydration Process. <i>Inorganic Chemistry</i> , 2016 , 55, 10453-10466	5.1	21
65	New Layered Hydroxide-Based Organic/Inorganic Ferromagnets with Basal Spacings up to 40 Å <i>Molecular Crystals and Liquid Crystals</i> , 1997 , 305, 291-302		20
64	Ferromagnetic Heisenberg chains: A description of the magnetic susceptibility from a noncritical scaling approach. <i>Physical Review B</i> , 2005 , 72,	3.3	19

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- 62 Electron density analysis of the layered antiferromagnetic compound $\text{Cu}_2(\text{OH})_3\text{NO}_3$: Relationship with the magnetic interaction mechanism. *Physical Review B*, **2006**, 73, 3.3 18
- 61 Magnetism of Co(II) and Cu(II) hydroxide-based spin layers bridged by saturated or unsaturated dicarboxylate anions. *Synthetic Metals*, **2001**, 122, 509-515 3.6 18
- 60 Reactivity of π -Phosphino Enolate Complexes of Nickel(II) and Palladium(II) toward Electrophilic Metal Centers. Synthesis and Crystal Structures of the Bimetallic Palladium(II)–Gold(I) Complex $[(\text{dmba})\text{Pd}\{\text{Ph}_2\text{PCH}(\text{AuPPh}_3)\text{C}(\text{O})\text{Ph}\}](\text{BF}_4)$ and of the Nickel(II)–Cobalt(II) Paramagnetic Complex $[\text{Ni}(\text{Ph}_2\text{PCH}(\text{C}(\text{O})(\text{p}-\text{C}_6\text{H}_4\text{CH}_3)_2)\text{Co}]_2$. *Inorganic Chemistry*, **1996**, 35, 5986-5994 5.1 18
- 59 Efficient Microwave-Assisted Functionalization of the Aurivillius-Phase $\text{Bi}_2\text{SrTa}_2\text{O}_9$. *Inorganic Chemistry*, **2016**, 55, 4039-46 5.1 18
- 58 Functional Hybrid Materials Based on Layered Simple Hydroxide Hosts and Dicarboxylate Schiff Base Metal Complex Guests. *European Journal of Inorganic Chemistry*, **2012**, 2012, 5225-5238 2.3 17
- 57 Peptide-intercalated layered metal hydroxides: effect of peptide chain length and side chain functionality on structural, optical and magnetic properties. *Chemical Science*, **2012**, 3, 1945 9.4 17
- 56 Structure of zinc hydroxy-terephthalate: $\text{Zn}_3(\text{OH})_4(\text{C}_8\text{H}_4\text{O}_4)$. *Solid State Sciences*, **2006**, 8, 958-963 3.4 17
- 55 Synthesis, Structure, and Magnetic Properties of CaMSi_2O_6 (M= Co, Ni) Compounds and Their Solid Solutions. *Journal of Solid State Chemistry*, **1996**, 124, 374-380 3.3 17
- 54 Electrocatalytic Properties of Metal Phthalocyanine Tetrasulfonate Intercalated in Metal Layered Simple Hydroxides (Metal: Co, Cu, and Zn). *Journal of Physical Chemistry C*, **2015**, 119, 13335-13342 3.8 16
- 53 Imidazolium Dicarboxylate Based Metal–Organic Frameworks Obtained by Solvo-Ionothermal Reaction. *European Journal of Inorganic Chemistry*, **2015**, 2015, 5342-5350 2.3 16
- 52 The crystal structure of the misfit layer compound $(\text{YS})_{1.23}\text{NbS}_2$. *Journal of Solid State Chemistry*, **1990**, 88, 451-458 3.3 16
- 51 New metal phthalocyanines/metal simple hydroxide multilayers: experimental evidence of dipolar field-driven magnetic behavior. *Inorganic Chemistry*, **2014**, 53, 1184-94 5.1 15
- 50 Antiferromagnetic Heisenberg spin-1 chain: Magnetic susceptibility of the Haldane chain described using scaling. *Physical Review B*, **2004**, 70, 3.3 15
- 49 Structural reinvestigation of $(\text{LaS})_{1.14}\text{NbS}_2$ and resistivity measurements. *Materials Research Bulletin*, **1990**, 25, 855-861 5.1 15
- 48 Insight of an easy topochemical oxidative reaction in obtaining high performance electrochemical capacitor based on CoII/CoIII monometallic cobalt Layered Double Hydroxide. *Journal of Power Sources*, **2015**, 293, 1-10 8.9 14
- 47 Magnetic Properties and Pressure-Induced Ferromagnetism of $\text{Cu}_2(\text{OH})_3(\text{CH}_3\text{COO})\cdot\text{H}_2\text{O}$. *Journal of Physical Chemistry C*, **2008**, 112, 19147-19150 3.8 14
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45	Magnetic and luminescent coordination networks based on imidazolium salts and lanthanides for sensitive ratiometric thermometry. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 2775-2787	3	14
44	Synthesis and characterization of rod-like ZnO decorated with Fe ₂ O ₃ nanoparticles monolayer. <i>Journal of Alloys and Compounds</i> , 2014 , 586, S476-S482	5.7	13
43	Layered Simple Hydroxides Functionalized by Fluorene-Phosphonic Acids: Synthesis, Interface Theoretical Insights, and Magnetoelectric Effect. <i>Advanced Functional Materials</i> , 2017 , 27, 1703576	15.6	13
42	Elaboration of Luminescent and Magnetic Hybrid Networks Based on Lanthanide Ions and Imidazolium Dicarboxylate Salts: Influence of the Synthesis Conditions. <i>Magnetochemistry</i> , 2017 , 3, 1	3.1	13
41	Structure and Magnetic Properties of a New 1D Nickel(II) Hydroxythiophenedicarboxylate. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3713-3720	2.3	13
40	Direct synthesis of mesoporous silica containing cobalt: A new strategy using a cobalt soap as a co-template. <i>Microporous and Mesoporous Materials</i> , 2007 , 106, 17-27	5.3	13
39	Microwave-assisted post-synthesis modification of layered simple hydroxides. <i>New Journal of Chemistry</i> , 2014 , 38, 2016-2023	3.6	12
38	Hybrid interfaces in layered hydroxides: magnetic and multifunctional superstructures by design. <i>Nanotechnology Reviews</i> , 2015 , 4,	6.3	11
37	Microwave-assisted functionalization of the Aurivillius phase BiSrTaO: diol grafting and amine insertion alcohol grafting. <i>Chemical Science</i> , 2018 , 9, 7104-7114	9.4	11
36	Lamellar nickel hydroxy-halides: anionic exchange synthesis, structural characterization and magnetic behavior. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 4449-4460	7.1	11
35	Biomimetic synthesis of chiral erbium-doped silver/peptide/silica core-shell nanoparticles (ESPN). <i>Nanoscale</i> , 2011 , 3, 5168-79	7.7	11
34	Novel two-dimensional metal-organic framework with unprecedented trimeric building unit constructed from bridging water molecules. <i>Materials Research Bulletin</i> , 2006 , 41, 981-986	5.1	11
33	Synthesis and Characterization of New Quasi-One-Dimensional Mn(II) Hydroxynitrates (M _x Zn _{1-x})(OH)(NO ₃)H ₂ O (x = 0.53, 1.00). <i>Journal of Solid State Chemistry</i> , 1995 , 118, 28-32	3.3	11
32	Coordination properties of two new Schiff-base phenoxy-carboxylates and comparative study of their antioxidant activities. <i>Inorganica Chimica Acta</i> , 2020 , 508, 119656	2.7	10
31	Functional Heterometallic Layered Hybrid Magnets by Double Ion-Exchange. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2731-2740	2.3	10
30	Molecular Clusters in Mesoporous Materials as Precursors to Nanoparticles of a New Lacunar Ternary Compound Pd _x Mo _y P. <i>Journal of Cluster Science</i> , 2008 , 19, 73-88	3	10
29	Magnetic properties of the misfit layer compound (CeS) _{1.15} NbS ₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 1249-1251	2.8	10
28	New metastable hybrid phase, Zn ₂ (OH) ₂ (C ₈ H ₄ O ₄), exhibiting unique oxo-penta-coordinated Zn(II) atoms. <i>Solid State Sciences</i> , 2009 , 11, 818-823	3.4	9

27	Synthesis, crystal structure, magnetic properties and DFT calculations of new dihydroxo-bridged binuclear chromium(III) based on monodentate mixed ligand. <i>Inorganica Chimica Acta</i> , 2018 , 476, 54-60	2.7	8
26	Pseudomorphic Transformation of Layered Simple Hydroxides into Prussian Blue Analogue Nanoplatelets. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 2030-2038	2.3	8
25	Synthesis, crystal structure and spectroscopic properties of a new chiral cadmium (II) malate. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 1088-1090	3.1	8
24	Structural transition at 225 K of the trinuclear Fe(III) heptanoate $[\text{Fe}_3\text{O}(\text{O}_2\text{CC}_6\text{H}_{13})_6(\text{H}_2\text{O})_3]\text{NO}_3$. <i>Solid State Sciences</i> , 2005 , 7, 1236-1246	3.4	8
23	Post-Synthesis Modification of the Aurivillius Phase BiSrTaO via In Situ Microwave-Assisted "Click Reaction". <i>Inorganic Chemistry</i> , 2016 , 55, 9790-9797	5.1	8
22	Preparation of cytocompatible luminescent and magnetic nanohybrids based on ZnO, Zn _{0.95} Ni _{0.05} O and core@shell ZnO@Fe ₂ O ₃ polymer grafted nanoparticles for biomedical imaging. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	7
21	A density functional study of copper hydroxonitrate: size effects and spin density topology. <i>Polyhedron</i> , 2001 , 20, 1305-1309	2.7	7
20	Characterization of cobalt phosphide nanoparticles derived from molecular clusters in mesoporous silica. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	6
19	Two-Dimensional Hybrid Materials: Transferring Technology from Biology to Society. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 1089-1095	2.3	6
18	Synthesis, structural characterizations, spectroscopic and magnetic properties of MnII and MnIII complexes with an unprecedented bridging coordination mode of 2-salicylichydrazono-1,3-dithiolane ligand. <i>Polyhedron</i> , 2011 , 30, 1774-1778	2.7	6
17	Hybrid Organic-Inorganic Multilayer Compounds: Towards Controllable and/or Switchable Magnets	357-395	6
16	Misfit layer compounds family (MS) _n TS ₂ (M = Sn, Pb, Bi, rare earth element; T = Nb, Ta; n = 1.08-1.19). <i>Phase Transitions</i> , 1991 , 30, 39-47	1.3	6
15	Scaling Theory Applied to Low Dimensional Magnetic Systems	347-377	6
14	Noncentrosymmetric Cu(II) Layered Hydroxide: Synthesis, Crystal Structure, Nonlinear Optical, and Magnetic Properties of Cu ₂ (OH) ₃ (C ₁₂ H ₂₅ SO ₄). <i>Crystal Growth and Design</i> , 2018 , 18, 1809-1817	3.5	5
13	Stoichiometric molecular single source precursors to cobalt phosphides. <i>Inorganica Chimica Acta</i> , 2014 , 409, 330-341	2.7	5
12	First principles investigation of the atomic structure and magnetic properties of copper hydroxide acetate. <i>Comptes Rendus Chimie</i> , 2012 , 15, 202-208	2.7	5
11	Bulk nanostructured Ni P alloys: Elaboration from metastable Ni P nanoparticles by spark plasma sintering; mechanical and magnetic properties. <i>Journal of Alloys and Compounds</i> , 2016 , 686, 252-266	5.7	4
10	Salts and Solvents Effect on the Crystal Structure of Imidazolium Dicarboxylate Salt Based Coordination Networks. <i>Crystal Growth and Design</i> , 2019 , 19, 4264-4272	3.5	4

9	ESR study in X, Q and W-band of ferromagnetic copper(II) layer compounds involving bridging dicarboxylate anions. <i>Inorganica Chimica Acta</i> , 2001 , 326, 13-19	2.7	4
8	Influence of surface segregation of sulphur on the corrosion resistance of 270 nickel in acidic and alkaline media. <i>Journal of Applied Electrochemistry</i> , 1992 , 22, 57-63	2.6	4
7	Hybrid Materials Engineering in Biology, Chemistry, and Physics. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 1086-1088	2.3	3
6	Hybrid Organic-Inorganic Multilayer Compounds: Towards Controllable and/or Switchable Magnets	357-395	3
5	A new copper(II) coordination polymer containing chains of interconnected paddle-wheel antiferromagnetic clusters. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017 , 73, 1050-1055	0.8	2
4	Scaling Theory Applied to Low Dimensional Magnetic Systems	2005 , 347-377	1
3	Octahedral Hexachloro Environment of Dy ³⁺ with Slow Magnetic Relaxation and Luminescent Properties. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2099-2107	2.3	1
2	Tuning the organization of the interlayer organic moiety in a hybrid layered perovskite. <i>Journal of Solid State Chemistry</i> , 2019 , 269, 532-539	3.3	1
1	Fast and efficient shear-force assisted production of covalently functionalized oxide nanosheets. <i>Journal of Colloid and Interface Science</i> , 2022 , 607, 621-632	9.3	