

# Pierre Rabu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5640012/pierre-rabu-publications-by-year.pdf>

**Version:** 2024-04-28

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

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134  
papers

4,767  
citations

38  
h-index

62  
g-index

147  
ext. papers

4,997  
ext. citations

5.3  
avg, IF

5.1  
L-index

#	Paper	IF	Citations
134	Fast and efficient shear-force assisted production of covalently functionalized oxide nanosheets. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 607, 621-632	9.3	
133	Octahedral Hexachloro Environment of Dy <sup>3+</sup> with Slow Magnetic Relaxation and Luminescent Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 2099-2107	2.3	1
132	Coordination properties of two new Schiff-base phenoxy-carboxylates and comparative study of their antioxidant activities. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 508, 119656	2.7	10
131	Salts and Solvents Effect on the Crystal Structure of Imidazolium Dicarboxylate Salt Based Coordination Networks. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 4264-4272	3.5	4
130	Tuning the organization of the interlayer organic moiety in a hybrid layered perovskite. <i>Journal of Solid State Chemistry</i> , <b>2019</b> , 269, 532-539	3.3	1
129	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> , <b>2018</b> , 476, 54-60	2.7	8
128	Noncentrosymmetric Cu(II) Layered Hydroxide: Synthesis, Crystal Structure, Nonlinear Optical, and Magnetic Properties of Cu <sub>2</sub> (OH) <sub>3</sub> (C <sub>12</sub> H <sub>25</sub> SO <sub>4</sub> ). <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 1809-1817	3.5	5
127	Microwave-assisted functionalization of the Aurivillius phase BiSrTaO: diol grafting and amine insertion alcohol grafting. <i>Chemical Science</i> , <b>2018</b> , 9, 7104-7114	9.4	11
126	Magnetic and luminescent coordination networks based on imidazolium salts and lanthanides for sensitive ratiometric thermometry. <i>Beilstein Journal of Nanotechnology</i> , <b>2018</b> , 9, 2775-2787	3	14
125	Layered Simple Hydroxides Functionalized by Fluorene-Phosphonic Acids: Synthesis, Interface Theoretical Insights, and Magnetoelectric Effect. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1703576	15.6	13
124	A new copper(II) coordination polymer containing chains of interconnected paddle-wheel antiferromagnetic clusters. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2017</b> , 73, 1050-1055	0.8	2
123	Elaboration of Luminescent and Magnetic Hybrid Networks Based on Lanthanide Ions and Imidazolium Dicarboxylate Salts: Influence of the Synthesis Conditions. <i>Magnetochemistry</i> , <b>2017</b> , 3, 1	3.1	13
122	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> , <b>2016</b> , 686, 252-266	5.7	4
121	Pseudomorphic Transformation of Layered Simple Hydroxides into Prussian Blue Analogue Nanoplatelets. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 2030-2038	2.3	8
120	Long-Range Energy Transport via Plasmonic Propagation in a Supramolecular Organic Waveguide. <i>Nano Letters</i> , <b>2016</b> , 16, 2800-5	11.5	28
119	Efficient Microwave-Assisted Functionalization of the Aurivillius-Phase Bi <sub>2</sub> SrTa <sub>2</sub> O <sub>9</sub> . <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 4039-46	5.1	18
118	Post-Synthesis Modification of the Aurivillius Phase BiSrTaO via In Situ Microwave-Assisted "Click Reaction". <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 9790-9797	5.1	8

117	Series of Hydrated Heterometallic Uranyl-Cobalt(II) Coordination Polymers with Aromatic Polycarboxylate Ligands: Formation of U <sup>VI</sup> -Co Bonding upon Dehydration Process. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 10453-10466	5.1	21
116	Hydrothermal Crystallization of Uranyl Coordination Polymers Involving an Imidazolium Dicarboxylate Ligand: Effect of pH on the Nuclearity of Uranyl-Centered Subunits. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 8697-705	5.1	32
115	Electrocatalytic Properties of Metal Phthalocyanine Tetrasulfonate Intercalated in Metal Layered Simple Hydroxides (Metal: Co, Cu, and Zn). <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 13335-13342	3.8	16
114	Stabilization of Tetravalent 4f (Ce), 5d (Hf), or 5f (Th, U) Clusters by the [SiW <sub>9</sub> O <sub>34</sub> ](10-) Polyoxometalate. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 8271-80	5.1	24
113	Hybrid interfaces in layered hydroxides: magnetic and multifunctional superstructures by design. <i>Nanotechnology Reviews</i> , <b>2015</b> , 4,	6.3	11
112	Hybrid Materials Engineering in Biology, Chemistry, and Physics. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1086-1088	2.3	3
111	Two-Dimensional Hybrid Materials: Transferring Technology from Biology to Society. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1089-1095	2.3	6
110	Imidazolium Dicarboxylate Based Metal-Organic Frameworks Obtained by Solvo-Ionothermal Reaction. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 5342-5350	2.3	16
109	Studies on Three-Coordinate [Co{N(SiMe <sub>3</sub> ) <sub>2</sub> } <sub>2</sub> L] Complexes, L = N-Heterocyclic Carbene. <i>Organometallics</i> , <b>2015</b> , 34, 2429-2438	3.8	37
108	Insight of an easy topochemical oxidative reaction in obtaining high performance electrochemical capacitor based on CoII/CoIII monometallic cobalt Layered Double Hydroxide. <i>Journal of Power Sources</i> , <b>2015</b> , 293, 1-10	8.9	14
107	Stoichiometric molecular single source precursors to cobalt phosphides. <i>Inorganica Chimica Acta</i> , <b>2014</b> , 409, 330-341	2.7	5
106	From hydrated Ni <sub>3</sub> (OH) <sub>2</sub> (C <sub>8</sub> H <sub>4</sub> O <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub> to anhydrous Ni <sub>2</sub> (OH) <sub>2</sub> (C <sub>8</sub> H <sub>4</sub> O <sub>4</sub> ): impact of structural transformations on magnetic properties. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 872-81	5.1	133
105	New metal phthalocyanines/metal simple hydroxide multilayers: experimental evidence of dipolar field-driven magnetic behavior. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 1184-94	5.1	15
104	Designing Near-Infrared and Visible Light Emitters by Postsynthetic Modification of Ln <sup>3+</sup> IRMOF-3. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 5285-5295	2.3	38
103	Microwave-assisted post-synthesis modification of layered simple hydroxides. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 2016-2023	3.6	12
102	Lamellar nickel hydroxy-halides: anionic exchange synthesis, structural characterization and magnetic behavior. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 4449-4460	7.1	11
101	Synthesis and characterization of rod-like ZnO decorated with Fe <sub>2</sub> O <sub>3</sub> nanoparticles monolayer. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 586, S476-S482	5.7	13
100	Isolation of the large {actinide} <sub>38</sub> poly-oxo cluster with uranium. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 15678-81	16.4	72

99	Characterization of cobalt phosphide nanoparticles derived from molecular clusters in mesoporous silica. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	6
98	Preparation of cytocompatible luminescent and magnetic nanohybrids based on ZnO, Zn <sub>0.95</sub> Ni <sub>0.05</sub> O and core@shell ZnO@Fe <sub>2</sub> O <sub>3</sub> polymer grafted nanoparticles for biomedical imaging. <i>Journal of Nanoparticle Research</i> , <b>2012</b> , 14, 1	2.3	7
97	Three-Coordinate Iron(II) N-Heterocyclic Carbene Alkyl Complexes. <i>Organometallics</i> , <b>2012</b> , 31, 4102-4105.8		50
96	First principles investigation of the atomic structure and magnetic properties of copper hydroxide acetate. <i>Comptes Rendus Chimie</i> , <b>2012</b> , 15, 202-208	2.7	5
95	Functional Hybrid Materials Based on Layered Simple Hydroxide Hosts and Dicarboxylate Schiff Base Metal Complex Guests. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 5225-5238	2.3	17
94	Identification, quantification and modification of detonation nanodiamond functional groups. <i>Diamond and Related Materials</i> , <b>2012</b> , 22, 113-117	3.5	61
93	Peptide-intercalated layered metal hydroxides: effect of peptide chain length and side chain functionality on structural, optical and magnetic properties. <i>Chemical Science</i> , <b>2012</b> , 3, 1945	9.4	17
92	Functional Heterometallic Layered Hybrid Magnets by Double Ion-Exchange. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 2731-2740	2.3	10
91	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> , <b>2011</b> , 40, 9977-88	4.3	21
90	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> , <b>2011</b> , 40, 9136-44	4.3	25
89	Biomimetic synthesis of chiral erbium-doped silver/peptide/silica core-shell nanoparticles (ESPN). <i>Nanoscale</i> , <b>2011</b> , 3, 5168-79	7.7	11
88	Layered hydroxide hybrid nanostructures: a route to multifunctionality. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 1031-58	58.5	120
87	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> , <b>2011</b> , 30, 1774-1778	2.7	6
86	Transparent, flexible, and paramagnetic ionogels based on PMMA and the iron-based ionic liquid 1-butyl-3-methylimidazolium tetrachloroferrate(III) [Bmim][FeCl <sub>4</sub> ]. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 9543		57
85	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> , <b>2010</b> , 39, 10577-80	4.3	26
84	Synthesis, optical and magnetic properties of hybrid π-oligothiophenecarboxylates/transition metal hydroxide multilayered compounds. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 9401		21
83	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> , <b>2010</b> , 2010, 4450-4461	2.3	22
82	Incommensurate spin correlation driven by frustration in BiCu <sub>2</sub> PO <sub>6</sub> . <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	32

81	New metastable hybrid phase, $Zn_2(OH)_2(C_8H_4O_4)$ , exhibiting unique oxo-penta-coordinated Zn(II) atoms. <i>Solid State Sciences</i> , <b>2009</b> , 11, 818-823	3.4	9
80	Structure and Magnetic Properties of a New 1D Nickel(II) Hydroxythiophenedicarboxylate. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 3713-3720	2.3	13
79	Tunable synthesis of Prussian Blue in exponentially growing polyelectrolyte multilayer films. <i>Langmuir</i> , <b>2009</b> , 25, 14030-6	4	31
78	Bulk homochirality of a 3-D inorganic framework: ligand control of inorganic network chirality. <i>Chemical Communications</i> , <b>2009</b> , 4551-3	5.8	26
77	New layered organic-inorganic magnets incorporating azo dyes. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 6106		38
76	Comparison of the structure and magnetic order in a series of layered Ni(II) organophosphonates, $Ni[(RPO_3)(H_2O)]$ (R = C <sub>6</sub> H <sub>5</sub> , CH <sub>3</sub> , C <sub>18</sub> H <sub>37</sub> ). <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 10945-52	5.1	31
75	Magnetic Properties and Pressure-Induced Ferromagnetism of $Cu_2(OH)_3(CH_3COO)H_2O$ . <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 19147-19150	3.8	14
74	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> , <b>2008</b> , 19, 73-88	3	10
73	Uniform metal (hydr)oxide particles from water/ionic liquid precursor (ILP) mixtures. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 8409-17	4.8	36
72	Synthesis, crystal structure and spectroscopic properties of a new chiral cadmium (II) malate. <i>Inorganic Chemistry Communication</i> , <b>2008</b> , 11, 1088-1090	3.1	8
71	Metal-peptide frameworks (MPFs): "bioinspired" metal organic frameworks. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 2517-26	16.4	142
70	Structure and magnetic properties of a new cobalt(II) thiophenedicarboxylate coordination polymer showing unprecedented coordination. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 3423-5	5.1	67
69	Temperature induced single-crystal-to-single-crystal transformations and structure directed effects on magnetic properties. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 9083-9	5.1	51
68	Supramolecular cobalt cages and coordination polymers templated by anion guests: self-assembly, structures, and magnetic properties. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 5401-7	4.8	85
67	Synthesis, structure and magnetic properties of a new family of chiral metal(II) citramalates. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 1111-1120	2.7	18
66	Direct synthesis of mesoporous silica containing cobalt: A new strategy using a cobalt soap as a co-temple. <i>Microporous and Mesoporous Materials</i> , <b>2007</b> , 106, 17-27	5.3	13
65	Structure of zinc hydroxy-terephthalate: $Zn_3(OH)_4(C_8H_4O_4)$ . <i>Solid State Sciences</i> , <b>2006</b> , 8, 958-963	3.4	17
64	Novel two-dimensional metal-organic framework with unprecedented trimeric building unit constructed from bridging water molecules. <i>Materials Research Bulletin</i> , <b>2006</b> , 41, 981-986	5.1	11

63	Synthesis, structure and magnetic properties of chiral and nonchiral transition-metal malates. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 7627-38	4.8	61
62	Electron density analysis of the layered antiferromagnetic compound Cu <sub>2</sub> (OH)3NO <sub>3</sub> : Relationship with the magnetic interaction mechanism. <i>Physical Review B</i> , <b>2006</b> , 73,	3.3	18
61	An approach to chiral magnets using hydroxycarboxylates. <i>Journal of Materials Chemistry</i> , <b>2006</b> , 16, 2715-2728		45
60	Theoretical determination of multiple exchange couplings and magnetic susceptibility data in inorganic solids: the prototypical case of Cu <sub>2</sub> (OH)3NO <sub>3</sub> . <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 115-34	3.4	39
59	Grafting of Thiophenecarboxylates into Magnetic Transition Metal Hydroxide Layers. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 3005-3015	9.6	35
58	Scaling Theory Applied to Low Dimensional Magnetic Systems <b>2005</b> , 347-377		1
57	Ab initio crystal structure of copper(II) hydroxy-terephthalate by synchrotron powder diffraction and magnetic properties. <i>Solid State Sciences</i> , <b>2005</b> , 7, 227-232	3.4	24
56	Very-low temperature magnetic ordering and dimensionality of the square planar system cobalt(II) phenoxyacetate. <i>Solid State Sciences</i> , <b>2005</b> , 7, 431-436	3.4	23
55	Structural transition at 225 K of the trinuclear Fe(III) heptanoate [Fe <sub>3</sub> O(O <sub>2</sub> CC <sub>6</sub> H <sub>13</sub> ) <sub>6</sub> (H <sub>2</sub> O) <sub>3</sub> ]NO <sub>3</sub> . <i>Solid State Sciences</i> , <b>2005</b> , 7, 1236-1246	3.4	8
54	Syntheses, Structures and Magnetic Properties of Layered Metal(II) Mandelates. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 662-669	2.3	31
53	A three-dimensional metal-organic framework with an unprecedented octahedral building unit. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6488-91	16.4	69
52	Self-Assembly and Magnetism of Mn <sub>12</sub> Nanomagnets on Native and Functionalized Gold Surfaces. <i>Advanced Materials</i> , <b>2005</b> , 17, 1612-1616	24	96
51	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. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 2440-54	4.8	29
50	Ferromagnetic Heisenberg chains: A description of the magnetic susceptibility from a noncritical scaling approach. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	19
49	Magnetic properties of bulk Mn <sub>12</sub> Pivalates <sup>16</sup> single molecule magnets and their self assembly on functionalized gold surface. <i>Journal of Applied Physics</i> , <b>2004</b> , 95, 7345-7347	2.5	36
48	Antiferromagnetic Heisenberg spin-1 chain: Magnetic susceptibility of the Haldane chain described using scaling. <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	15
47	Influence of Magnetic Ordering on the Luminescence in a Layered Organic-Inorganic OPVNi(II) Compound. <i>Chemistry of Materials</i> , <b>2004</b> , 16, 2933-2937	9.6	43
46	Neutron diffraction studies of canted antiferromagnetic ordering in CoII hydroxide terephthalate. <i>Solid State Sciences</i> , <b>2003</b> , 5, 321-326	3.4	28

45	Synthesis, Structure and Magnetic Properties of the Cobalt(II) 1,1'-Biphenyl-2,2'-dicarboxylate Hydroxide Chain Compound $[\text{Co}_3\{\text{O}_2\text{CC}_6\text{H}_4\text{CO}_2\}_2\cdot 2.5(\text{OH})(\text{H}_2\text{O})_2]_n$ . <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 4173-4178	2.3	21
44	Layered Organic-Inorganic Materials: A Way towards Controllable Magnetism. <i>Advanced Engineering Materials</i> , <b>2003</b> , 5, 189-210	3.5	99
43	Ligand influences on the structures of copper(II) vanadates. Structures and magnetic properties of $[\text{Cu}_3(\text{triazolate})_2\text{V}_4\text{O}_{12}]$ , $[\text{Cu}_2(\text{tpyrpyz})_2\text{V}_4\text{O}_{12}]$ (tpyrpyz=tetrapyridylpyrazine) and $[\text{Cu}_2(\text{pyrazine})\text{V}_4\text{O}_{12}]$ . <i>Solid State Sciences</i> , <b>2002</b> , 4, 1095-1102	3.4	21
42	Synthesis, structure and magnetism of homologous series of polycrystalline cobalt alkane mono- and dicarboxylate soaps. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 1813-20	4.8	234
41	Synthesis, Crystal Structure and Magnetic Properties of the Helical-Chain Compounds $[\text{M}_2(\text{O}_2\text{CC}_6\text{H}_4\text{CO}_2)_2(\text{H}_2\text{O})_8]$ [M = Cobalt(II), Nickel(II)]. <i>European Journal of Inorganic Chemistry</i> , <b>2002</b> , 2002, 895-900	2.3	74
40	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> , <b>2002</b> , 65,	3.3	61
39	A density functional study of copper hydroxonitrate: size effects and spin density topology. <i>Polyhedron</i> , <b>2001</b> , 20, 1305-1309	2.7	7
38	Copper(II) and cobalt(II) dicarboxylate-based layered magnets: influence of π-electron ligands on the long range magnetic ordering. <i>Polyhedron</i> , <b>2001</b> , 20, 1677-1685	2.7	97
37	Structure and Magnetism of a Polycrystalline Transition Metal Soap $[\text{Co}(\text{OOC}(\text{CH}_2)_{10}\text{COO})(\text{H}_2\text{O})_2]$ . <i>European Journal of Inorganic Chemistry</i> , <b>2001</b> , 2001, 2843	2.3	276
36	ESR study in X, Q and W-band of ferromagnetic copper(II) layer compounds involving bridging dicarboxylate anions. <i>Inorganica Chimica Acta</i> , <b>2001</b> , 326, 13-19	2.7	4
35	Magnetism of Co(II) and Cu(II) hydroxide-based spin layers bridged by saturated or unsaturated dicarboxylate anions. <i>Synthetic Metals</i> , <b>2001</b> , 122, 509-515	3.6	18
34	Magnetic and electronic properties in novel terpyridine-based nitroxide complexes: strong radical-metal interaction via a pyridyl ring. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 5334-42	5.1	36
33	. <i>European Journal of Inorganic Chemistry</i> , <b>2000</b> , 2000, 211-216	2.3	14
32	Hybrid organic-inorganic multilayer materials: influence of π-electrons as magnetic media in a series of bridged-layer compounds $\text{M}_2(\text{OH})_4\text{A}_x/2$ (M=Cu(II) or Co(II), A=dicarboxylate anion). <i>Polyhedron</i> , <b>2000</b> , 19, 259-266	2.7	72
31	Synthesis, structure, and magnetic properties of two new ferromagnetic/antiferromagnetic one-dimensional nickel(II) complexes. Magnetostructural correlations. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 2572-6	5.1	39
30	Ab-Initio XRPD Crystal Structure and Giant Hysteretic Effect ( $H_c = 5.9$ T) of a New Hybrid Terephthalate-Based Cobalt(II) Magnet. <i>Chemistry of Materials</i> , <b>2000</b> , 12, 2805-2812	9.6	186
29	Hybrid organic-inorganic layered compounds prepared by anion exchange reaction: correlation between structure and magnetic properties. <i>Journal of Materials Chemistry</i> , <b>1999</b> , 9, 169-174		81
28	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> , <b>1999</b> , 9, 1323-1326		74

27	Multilayered Ferromagnets Based on Hybrid Organic/Inorganic Derivatives. <i>Advanced Materials</i> , <b>1998</b> , 10, 1024-1028	24	49
26	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> , <b>1998</b> , 120, 10080-10087	16.4	67
25	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> , <b>1997</b> , 119, 8246-8252	16.4	78
24	New Layered Hydroxide-Based Organic/Inorganic Ferromagnets with Basal Spacings up to 40 Å. <i>Molecular Crystals and Liquid Crystals</i> , <b>1997</b> , 305, 291-302		20
23	Reactivity of $\sigma$ -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 [(dmba)Pd{Ph <sub>2</sub> PCH(AuPPh <sub>3</sub> )C(O)Ph}](BF <sub>4</sub> ) and of the Nickel(II)/Cobalt(II) Paramagnetic Complex cis-[Ni{Ph <sub>2</sub> PCH C(O)(p-C <sub>6</sub> H <sub>4</sub> CH <sub>3</sub> ) <sub>2</sub> }Co] <sub>2</sub> . <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 5986-5994	5.1	18
22	Ferro/antiferromagnetism mediated by interlayer organic spacers in layered copper(II) compounds. <i>Chemical Communications</i> , <b>1996</b> , 1107	5.8	60
21	Long range ferromagnetism in tunable cobalt(II) layered compounds up to 25 Å apart. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1996</b> , 154, L7-L11	2.8	52
20	Ferromagnetism in 1d and 2d triangular nickel(II) -based compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1996</b> , 163, 365-372	2.8	26
19	Synthesis, Structure, and Magnetic Properties of CaMSi <sub>2</sub> O <sub>6</sub> (M= Co, Ni) Compounds and Their Solid Solutions. <i>Journal of Solid State Chemistry</i> , <b>1996</b> , 124, 374-380	3.3	17
18	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. <i>Inorganica Chimica Acta</i> , <b>1996</b> , 248, 35-44	2.7	37
17	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> , <b>1996</b> , 35, 2520-2522		53
16	Recent Experimental and Theoretical Studies of Molecular and Layered Metal-Radical Based Magnets. <i>Molecular Crystals and Liquid Crystals</i> , <b>1995</b> , 273, 125-140		31
15	Synthesis and Spectroscopy of Coordination Compounds of a Versatile Bridging Ligand. Molecular Structures of the Dinuclear Compounds [Co <sub>2</sub> (bdnol)(NCS) <sub>3</sub> ], [Zn <sub>2</sub> (bdnol)Cl(NCS) <sub>2</sub> ], and [Cu <sub>2</sub> (bdnol)(NO <sub>3</sub> ) <sub>3</sub> ] and of the Polymeric Copper(I) Compound [Cu <sub>2</sub> (Hbdnol)(NCS) <sub>2</sub> ]. <i>Inorganic Chemistry</i> , <b>1995</b> , 34, 6302-6311	5.1	24
14	Synthesis and Characterization of New Quasi-One-Dimensional Mn(II) Hydroxynitrates (M <sub>n</sub> xZn <sub>1-x</sub> )(OH)(NO <sub>3</sub> )H <sub>2</sub> O (x = 0.53, 1.00). <i>Journal of Solid State Chemistry</i> , <b>1995</b> , 118, 28-32	3.3	11
13	Influence of surface segregation of sulphur on the corrosion resistance of 270 nickel in acidic and alkaline media. <i>Journal of Applied Electrochemistry</i> , <b>1992</b> , 22, 57-63	2.6	4
12	Magnetic properties of the misfit layer compound (CeS) <sub>1.15</sub> NbS <sub>2</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , <b>1992</b> , 104-107, 1249-1251	2.8	10
11	Magnetic properties of rare-earth-based misfit layered materials of formula (LnS) <sub>n</sub> NbS <sub>2</sub> (Ln identical to lanthanides, Y). <i>Journal of Physics Condensed Matter</i> , <b>1991</b> , 3, 9929-9940	1.8	42
10	Misfit layer compounds family (MS) <sub>n</sub> TS <sub>2</sub> (M = Sn, Pb, Bi, rare earth element; T = Nb, Ta; n = 1.08-1.19). <i>Phase Transitions</i> , <b>1991</b> , 30, 39-47	1.3	6



9	The incommensurate misfit layer structure of (PbS) <sub>1.14</sub> NbS <sub>2</sub> , 'PbNbS <sub>3</sub> ' and (LaS) <sub>1.14</sub> NbS <sub>2</sub> , 'LaNbS <sub>3</sub> ': an X-ray diffraction study. <i>Acta Crystallographica Section B: Structural Science</i> , <b>1990</b> , 46, 324-332		82
8	Structural reinvestigation of (LaS) <sub>1.14</sub> NbS <sub>2</sub> and resistivity measurements. <i>Materials Research Bulletin</i> , <b>1990</b> , 25, 855-861	5.1	15
7	The crystal structure of the misfit layer compound (YS) <sub>1.23</sub> NbS <sub>2</sub> . <i>Journal of Solid State Chemistry</i> , <b>1990</b> , 88, 451-458	3.3	16
6	Misfit layer compounds (MS) <sub>n</sub> Ts <sub>2</sub> (M = Sn, Pb, Bi, rare earth elements; T = Nb, Ta ; n = 1.08 - 1.19), a new class of layer compounds. <i>Solid State Communications</i> , <b>1989</b> , 70, 409-413	1.6	112
5	Preparation and characterization of new mixed sandwiched layered compounds Ln <sub>3</sub> 2Nb <sub>2</sub> S <sub>8</sub> 88 (Ln = La, Ce). <i>Journal of Solid State Chemistry</i> , <b>1989</b> , 78, 35-45	3.3	58
4	Characterization of new BnNbS <sub>3</sub> , PbNbS <sub>3</sub> , PbNb <sub>2</sub> S <sub>5</sub> , SnTiS <sub>3</sub> and SnTi <sub>2</sub> S <sub>5</sub> compounds. <i>Materials Research Bulletin</i> , <b>1988</b> , 23, 1061-1069	5.1	50
3	Hybrid Organic-Inorganic Multilayer Compounds: Towards Controllable and/or Switchable Magnets 357-395		6
2	Scaling Theory Applied to Low Dimensional Magnetic Systems 347-377		6
1	Hybrid Organic-Inorganic Multilayer Compounds: Towards Controllable and/or Switchable Magnets 357-395		3