

JosÃ© Luis Pizarro Sanz

List of Publications by Year in descending order

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2739
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Industrial Waste Based Metal Catalysts for Oxidative Dehydrogenation of Propane. Industrial & Engineering Chemistry Research, 2013, 52, 7341-7349.	1.8	4
2	Crystal structure and microstructure of synthetic hexagonal magnesium-cobalt cordierite solid solutions (Mg _{2-2x} Co _{2x} Al ₄ Si ₅ O ₁₈). Acta Crystallographica Section B: Structural Science, 2013, 69, 110-121.	1.8	0
3	Synthesis and comparative study of Co(pym)(VO ₃) ₂ and [Co(H ₂ O) ₂ (VO ₃) ₂]. Dalton Transactions, 2012, 41, 14170.	1.6	9
4	M(C ₆ H ₁₆ N ₃) ₂ (VO ₃) ₄ as heterogeneous catalysts. Study of three new hybrid vanadates of cobalt(ii), nickel(ii) and copper(ii) with 1-(2-aminoethyl)piperazonium. Dalton Transactions, 2011, 40, 12690.	1.6	13
5	Li _{1.43} [FeII _{4.43} FeIII _{0.57} (HPO ₃) ₆]. _{1.5} H ₂ O: A Phosphite Oxoanion-Based Compound with Lithium Exchange Capability and Spin-Glass Magnetic Behavior. Chemistry of Materials, 2011, 23, 4317-4330.	3.2	34
6	Mild hydrothermal synthesis, crystal structure, thermal behaviour, spectroscopic and magnetic properties of (NH ₄) _{0.80} Li _{0.20} [Fe(AsO ₄)F]. Journal of Solid State Chemistry, 2011, 184, 2623-2628.	1.4	1
7	Magnetostructural correlations in the antiferromagnetic Co _{2-2x} Cu _x (OH)AsO ₄ (x=0 and 0.3) phases. Journal of Solid State Chemistry, 2011, 184, 2075-2082.	1.4	11
8	Catalytic performance of the high and low temperature polymorphs of (C ₆ N ₂ H ₁₆) _{0.5} [(VO)(HAsO ₄)F]: structural, thermal, spectroscopic and magnetic studies. Dalton Transactions, 2010, 39, 834-846.	1.6	11
9	Influence of SDC-YSZ Contact at Different Atmospheres in SOFC Operation and Processing Conditions. Journal of the Electrochemical Society, 2009, 156, B856.	1.3	13
10	Supercritical hydrothermal synthesis of Cu ₂ O(SeO ₃): Structural characterization, thermal, spectroscopic and magnetic studies. Materials Research Bulletin, 2009, 44, 1-5.	2.7	15
11	(1,3,4-oxadiazole)copper(II) Compounds: Dimensionality, Magnetism and Nuclease Activity. European Journal of Inorganic Chemistry, 2009, 2009, 373-388.	1.0	15
12	Mild Hydrothermal Synthesis and Structural Determination of Two Layered, Structurally Related Inorganic-Organic Hybrid Vanadates with Nickel(II) and Tris(2-aminoethyl)amine. European Journal of Inorganic Chemistry, 2009, 2009, 3607-3612.	1.0	15
13	Mild hydrothermal synthesis, crystal structure, thermal behavior, spectroscopic and magnetic properties of the (NH ₄) _{1-x} [Fe(AsO ₄) _{1-x} (PO ₄) _x F] (x=0.3, 0.6, 0.8) series. Thermal transformation of (NH ₄) _{1-x} [Fe(AsO ₄) _{0.7} (PO ₄) _{0.3} F] into the textural porous orthorhombic Fe(AsO ₄) _{0.7} (PO ₄) _{0.3} . Journal of Solid State Chemistry, 2009, 182, 932-941.	1.4	3
14	Synthesis, structures and temperature-induced phase transitions of the Sr ₂ Cd _{1-x} CaxWO ₆ (0 ≤ x ≤ 1) double perovskite tungsten oxides. Journal of Molecular Structure, 2009, 920, 196-201.	1.8	10
15	Chemical compatibility between YSZ and SDC sintered at different atmospheres for SOFC applications. Journal of Power Sources, 2009, 192, 151-157.	4.0	41
16	(NH ₄): A new mixed valence vanadium(III,IV) fluoro-arsenate with ferromagnetic interactions and electronic conductivity. Journal of Solid State Chemistry, 2009, 182, 65-71.	1.4	7
17	Organically templated open-framework phosphites. Journal of Materials Chemistry, 2009, 19, 3793.	6.7	78
18	Reactivity between La(Sr)FeO ₃ cathode, doped CeO ₂ interlayer and yttria-stabilized zirconia electrolyte for solid oxide fuel cell applications. Journal of Power Sources, 2008, 185, 401-410.	4.0	54

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19	Hydrothermal synthesis, crystal structure, thermal behavior and spectroscopic and magnetic properties of two new organically templated fluoro-vanadyl-hydrogenarsenates: $(R)_{0.5}[(VO)(HAsO_4)F]$ (R: Ethylenediammonium and piperazinium). <i>Journal of Solid State Chemistry</i> , 2008, 181, 884-894.	1.4	18
20	Crystal structures and cation ordering of Sr_2AlSbO_6 and Sr_2CoSbO_6 . <i>Journal of Solid State Chemistry</i> , 2008, 181, 1759-1766.	1.4	29
21	Synthesis, thermal, spectroscopic and magnetic studies of the $Mn(SeO_3) \cdot 2H_2O$ and $Fe_2(SeO_3)_3 \cdot 3H_2O$ selenites. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 1020-1026.	2.0	5
22	Structure, magnetic properties and nuclease activity of pyridine-2-carbaldehyde thiosemicarbazonecopper(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1910-1920.	1.5	50
23	Structural characterization, thermal, spectroscopic and magnetic studies of the $(C_3H_{12}N_2)_{0.75}[Mn_{1.5}O_{II}Fe_{1.5}O_{III}(AsO_4)F_6]$ and $(C_3H_{12}N_2)_{0.75}[Co_{1.5}O_{II}Fe_{1.5}O_{III}(AsO_4)F_6]$ compounds. <i>Materials Research Bulletin</i> , 2008, 43, 1307-1320.	2.7	2
24	Regiochemistry of the microwave-assisted reaction between aromatic amines and α -bromoketones to yield substituted 1H-indoles. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1763.	1.5	40
25	Microporous vanadyl-arsenate with the template incorporated exhibiting sorption and catalytic properties. <i>Chemical Communications</i> , 2008, , 4738.	2.2	15
26	Solvent-Free Thermal and Microwave-Assisted [3 + 2] Cycloadditions between Stabilized Azomethine Ylides and Nitrostyrenes. An Experimental and Theoretical Study. <i>Journal of Organic Chemistry</i> , 2007, 72, 4313-4322.	1.7	85
27	Hydrothermal synthesis and crystal structure of the $Ni_2(C_4H_4N_2)(V_4O_{12})(H_2O)_2$ and $Ni_3(C_4H_4N_2)_3(V_8O_{23})$ inorganic-organic hybrid compounds. Thermal, spectroscopic and magnetic studies of the hydrated phase. <i>Journal of Solid State Chemistry</i> , 2007, 180, 1149-1157.	1.4	25
28	Hydrothermal synthesis, thermal, structural, spectroscopic and magnetic studies of the $Mn_{5-x}Co_x(HPO_4)_2(PO_4)_2(H_2O)_4$ ($x=1.25, 2, 2.5$ and 3) finite solid solution. <i>Journal of Solid State Chemistry</i> , 2007, 180, 1686-1697.	1.4	13
29	A new organically templated monodimensional mixed valence (FeII/FeIII) phosphite: $(C_4H_{12}N_2)[Fe^{II}Fe^{III}(HPO_3)_2F_3]$. <i>Materials Research Bulletin</i> , 2007, 42, 544-552.	2.7	15
30	Magnetic evolution of the antiferromagnetic $Co_{2-x}Cu_x(OH)PO_4$ ($0 \leq x \leq 2$) solid solution. A neutron diffraction study. <i>Journal of Materials Chemistry</i> , 2007, 17, 3915.	6.7	23
31	Structural, Thermal, Spectroscopic, Specific-Heat, and Magnetic Studies of $(C_5H_{18}N_3)[Fe_3(HPO_3)_6] \cdot 3H_2O$: A New Organically Templated Iron(III) Phosphite with a Pillared Structure Formed by the Interpenetration of Two Subnets. <i>Inorganic Chemistry</i> , 2006, 45, 8965-8972.	1.9	25
32	Parametrization of the Magnetic Behavior of the Triangular Spin Ladder Chains Organically Templated: $(C_2N_2H_{10})[M(HPO_3)F_3]$ (MIII = Fe, Cr, and V). Crystal Structure and Thermal and Spectroscopic Properties of the Iron(III) Phase. <i>Inorganic Chemistry</i> , 2006, 45, 3240-3248.	1.9	14
33	Hydrothermal synthesis, crystal structure, thermal behavior, ferromagnetic resonance and ferrimagnetic behavior of $(C_4H_{12}N_2)_{1.5}[Fe_3(HAsO_4)_{1.02}(HPO_4)_{0.98}(AsO_4)_{0.88}(PO_4)_{0.12}F_5]$. <i>Journal of Solid State Chemistry</i> , 2006, 179, 1459-1468.	1.4	15
34	Partial exchange of the Li^+ , Na^+ and K^+ alkaline cations in the $HNi(PO_4) \cdot H_2O$ layered compound. <i>Journal of Solid State Chemistry</i> , 2006, 179, 3768-3775.	1.4	2
35	Magnetic structures of the α - $Li_3Fe_2(PO_4)_3 \cdot x(AsO_4)_x$ ($x=1, 1.5, 2, 3$) solid solution. <i>Journal of Solid State Chemistry</i> , 2006, 179, 81-90.	1.4	4
36	$Fe_2(AsO_4)F$: A new three-dimensional condensed fluoro-arsenate iron(II) compound with antiferromagnetic interactions. <i>Journal of Solid State Chemistry</i> , 2006, 179, 1659-1667.	1.4	13

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37	Magnetic susceptibility, specific heat and magnetic structure of CuNi ₂ (PO ₄) ₂ . Journal of Solid State Chemistry, 2006, 179, 3052-3058.	1.4	12
38	(C ₂ N ₂ H ₁₀)[Fe _x V _{1-x} (HPO ₃)F ₃] (x=0.44, 0.72): Two new organically templated phosphites. Materials Research Bulletin, 2006, 41, 1835-1844.	2.7	2
39	Structural, thermal, spectroscopic and magnetic studies of the (C ₂ N ₂ H ₁₀) _{0.5} [Fe _x V _{1-x} (HPO ₃) ₂] (x=0.26, 0.72). Journal of Solid State Chemistry, 2006, 179, 3052-3058.	2.7	14
40	Magnetic structures of (Co _{2-x} Ni _x)(OH)PO ₄ (x= 0.1,0.3) spin glass-like state in antiferromagnetically ordered phases. Journal of Physics Condensed Matter, 2006, 18, 3767-3787.	0.7	14
41	Neutron diffraction, specific heat and magnetic susceptibility of Ni ₃ (PO ₄) ₂ . Journal of Solid State Chemistry, 2005, 178, 2626-2634.	1.4	20
42	Mn(HPO ₃): A new manganese (II) phosphite with a condensed structure. Journal of Solid State Chemistry, 2005, 178, 2913-2921.	1.4	28
43	Indirect evidences of desulfurization of a thiosemicarbazonecopper(II) system in aqueous basic medium. Inorganic Chemistry Communication, 2005, 8, 259-262.	1.8	26
44	Thermal, spectroscopic and magnetic properties of the Co _x Ni _{1-x} (SeO ₃) ₂ ·2H ₂ O (x=0, 0.4, 1) phases. Materials Research Bulletin, 2005, 40, 781-793.	2.7	9
45	Unexpected Behaviour of Pyridine-2-carbaldehyde Thiosemicarbazonecopper(II) Entities in Aqueous Basic Medium - Partial Transformation of Thioamide into Nitrile. European Journal of Inorganic Chemistry, 2005, 2005, 3409-3413.	1.0	23
46	Two new two-dimensional organically templated phosphite compounds: (C ₆ H ₁₆ N ₂) _{0.5} [M(HPO ₃)F], M=Fe(II) and Co(II): Solvothermal synthesis, crystal structures, thermal, spectroscopic, and magnetic properties. Journal of Solid State Chemistry, 2005, 178, 3554-3562.	1.4	21
47	Synthesis and structural, spectroscopic and magnetic studies of two new polymorphs of Mn(SeO ₃) ₂ ·H ₂ O. Journal of Solid State Chemistry, 2005, 178, 3686-3697.	1.4	10
48	Hydrothermal Synthesis, Crystal Structure, Spectroscopic and Magnetic Properties of (C ₃ H ₁₂ N ₂) _{0.75} [Fe ^{II} _{1.5} Fe ^{III} _{1.5} (AsO ₄) ₆]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2026-2032.	0.6	16
49	Structural, luminescent and magnetic studies of Mn(HPO ₄) ₃ ·2H ₂ O. European Physical Journal Special Topics, 2005, 123, 241-244.	0.2	3
50	Supercritical hydrothermal synthesis, thermal, spectroscopic and magnetic studies of two new polymorphs of Mn(SeO ₃). Dalton Transactions, 2005, , 1727-1733.	1.6	8
51	Evidence on structural, magnetic and spectroscopic properties of new Mn(II) inorganic-organic hybrid phosphates. European Physical Journal Special Topics, 2005, 123, 237-240.	0.2	0
52	Hydrothermal synthesis, crystal structure and spectroscopic and magnetic properties of (C ₂ H ₁₀ N ₂)[Mn _{2.09} Co _{0.91} (HPO ₃) ₄]. Materials Research Bulletin, 2004, 39, 1779-1790.	2.7	7
53	(C ₄ N ₂ H ₁₂)[Fe ^{II} _{0.86} Fe ^{III} _{1.14} (HPO ₃) _{1.39} (HPO ₄) _{0.47} (PO ₄) _{0.14} F ₃]: A Fluoro-Phosphite-Phosphate Mixed-Valence Organically Templated Compound. Angewandte Chemie - International Edition, 2004, 43, 977-980.	7.2	44
54	Magnetic behavior of inorganic-organic hybrid phosphite compounds with 3-d transition metals. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1113-1115.	1.0	3

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55	A new organically templated gallium(III)-doped chromium(III) fluorophosphate, (C ₂ H ₁₀ N ₂)[Ga _{0.98} Cr _{0.02} (HPO ₃)F ₃] hydrothermal synthesis, crystal structure and spectroscopic properties. <i>Journal of Solid State Chemistry</i> , 2004, 177, 765-771.	1.4	28
56	A new layered organically templated iron(II) phosphite, (C ₂ H ₁₀ N ₂)[Fe ₃ (HPO ₃) ₄]. Hydrothermal synthesis, crystal structure and spectroscopic and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2004, 177, 2705-2713.	1.4	22
57	Thermal Transformation of (NH ₄)[Fe(AsO ₄)F] Into the New Textural Porous Orthorhombic Fe(AsO ₄) Phase. Crystal Structures, Thermal Behavior, and Spectroscopic and Magnetic Properties. <i>Chemistry of Materials</i> , 2004, 16, 5249-5259.	3.2	26
58	Magnetic structures of the B and C type Cr(PO ₃) ₃ metaphosphates. <i>Journal of Materials Chemistry</i> , 2004, 14, 992-1000.	6.7	1
59	Hydrothermal synthesis, thermal, spectroscopic and magnetic properties of Mn ₅ (HPO ₄) ₂ (PO ₄) ₂ ·4H ₂ O. <i>European Journal of Control</i> , 2004, 29, 87-94.	1.6	1
60	Hydrothermal synthesis, crystal structure, and spectroscopic and magnetic properties of a new organically templated mixed-anion fluoro-arsenate-phosphate iron(III) compound, (C ₆ H ₁₄ N ₂)[Fe ₃ (HAsO ₄) _{1.33} (HPO ₄) _{0.67} (AsO ₄) _{0.84} (PO ₄) _{0.16} F ₄]·0.5(H ₂ O). <i>Solid State Sciences</i> , 2003, 5, 1291-1301.	1.5	17
61	Hydrothermal synthesis, crystal structure, and spectroscopic characterization of a new organically templated mixed-anion fluoro-arsenate-phosphate iron(III) compound, (C ₂ H ₁₀ N ₂)[Fe ₂ (AsO ₄) _{2x} (PO ₄) _x F ₂ (H ₂ O)] (x = 0.46). <i>Materials Research Bulletin</i> , 2003, 38, 1193-1202.	2.7	15
62	A new vanadium(III) fluorophosphate with ferromagnetic interactions, (NH ₄)[V(PO ₄)F]. <i>Journal of Solid State Chemistry</i> , 2003, 173, 101-108.	1.4	31
63	Magnetic properties of M(PO ₃) ₃ (M = Fe, Mo). A comparative neutron diffraction study. <i>Journal of Materials Chemistry</i> , 2003, 13, 1723-1730.	6.7	9
64	Hydrothermal Synthesis, Crystal Structures, Spectroscopic, and Magnetic Properties of Two New Organically Templated Monodimensional Phosphite Compounds: (C ₂ H ₁₀ N ₂)[M(HPO ₃)F ₃], M = V(III) and Cr(III). <i>Chemistry of Materials</i> , 2003, 15, 1204-1209.	3.2	54
65	Fe(AsO ₄): A new iron(III) arsenate synthesized from thermal treatment of (NH ₄)[Fe(AsO ₄)F]. <i>Chemical Communications</i> , 2003, , 622-623.	2.2	9
66	Hydrothermal Synthesis at High Pressure and Temperature of the Mg _{7.5} Ni ₆ H ₃ (AsO ₄) ₈ (OH) ₆ and Mg ₈ Ni ₄ H ₆ (PO ₄) ₈ (OH) ₆ Compounds. <i>High Pressure Research</i> , 2002, 22, 569-572.	0.4	5
67	Spin-glass behavior in a three-dimensional antiferromagnet ordered phase: Magnetic structure of Co ₂ (OH)(PO ₄). <i>Physical Review B</i> , 2002, 66, .	1.1	57
68	Two New Three-Dimensional Vanadium(III) and Iron(III) Phosphites Templated by Ethylenediamine: (C ₂ H ₁₀ N ₂) _{0.5} [M(HPO ₃) ₂]. Ab Initio Structure Determination, Spectroscopic, and Magnetic Properties. <i>Chemistry of Materials</i> , 2002, 14, 2300-2307.	3.2	117
69	Hydrothermal synthesis, crystal structure, spectroscopic and magnetic properties of Mn ₄ (H ₂ O) ₃ (SeO ₃) ₄ and Mn ₃ (H ₂ O)(SeO ₃) ₃ . <i>Dalton Transactions RSC</i> , 2002, , 3447-3453.	2.3	23
70	Hydrothermal synthesis, structural characterization and thermal, spectroscopic and magnetic properties of the inorganic-organic hybrid phosphate, [(C ₂ N ₂ H ₉)V(PO ₄)]. <i>Materials Research Bulletin</i> , 2002, 37, 2355-2364.	2.7	13
71	(C ₂ H ₁₀ N ₂)[Cr(HPO ₃)F ₃]: The First Organically Templated Fluorochromium(III) Phosphite. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3683-3685.	7.2	118
72	Hydrothermal Synthesis and Spectroscopic and Magnetic Behavior of the Mn ₇ (HOXO ₃) ₄ (XO ₄) ₂ (X=As, P) Compounds. Crystal Structure of Mn ₇ (HOAsO ₃) ₄ (AsO ₄) ₂ . <i>Journal of Solid State Chemistry</i> , 2002, 165, 171-177.	1.4	15

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73	Hydrothermal Synthesis and Structural Characterization of the $(C_nH_{2n+6}N_2)[Mn_3(HPO_3)_4]$ ($n=3\text{--}8$) New Layered Inorganic-Organic Hybrid Manganese(II) Phosphites. Crystal Structure and Spectroscopic and Magnetic Properties of $(C_3H_{12}N_2)[Mn_3(HPO_3)_4]$. <i>Inorganic Chemistry</i> , 2001, 40, 3476-3483.	1.9	70
74	Hydrothermal synthesis, spectroscopic and magnetic properties of $Co_7(HPO_4)_4(PO_4)_2$: a metamagnetic behavior. <i>Solid State Sciences</i> , 2001, 3, 67-74.	0.8	17
75	Hydrothermal synthesis of a new layered inorganic-organic hybrid cobalt(II) phosphite: $(C_2H_{10}N_2)[Co_3(HPO_3)_4]$. <i>Solid State Sciences</i> , 2001, 3, 331-336.	0.8	78
76	Magnetic and transport properties of $La_{0.7}Cd_{0.3}(Mn_{0.9}TM_{0.1})O_3$ transition metal doped manganites. <i>Journal of Alloys and Compounds</i> , 2001, 323-324, 524-526.	2.8	5
77	A New Three-Dimensional Inorganic-Organic Hybrid Fluorinated Iron(III) Arsenate: $(C_6H_{14}N_2)[Fe_3(HAsO_4)_2(AsO_4)_4] \cdot 0.5H_2O$. Hydrothermal Synthesis, Crystal Structure, and Spectroscopic and Magnetic Properties. <i>Inorganic Chemistry</i> , 2001, 40, 5691-5694.	1.9	30
78	Structure, Disorder, and Molecular Dynamics in $Zn(d,l\text{-histidine})_2$: EPR of Copper Ion Dopants, X-ray Diffraction, and Calorimetric Studies. <i>Journal of Physical Chemistry A</i> , 2001, 105, 1074-1085.	1.1	15
79	Weak M(II)-Azide-4,4'-Bipy Ferromagnets Based on Unusual Diamondoid ($M = Mn$) and 2D Arrays ($M = Co$). <i>Tj ETOg1</i> 1 0.784314 88	1.9	88
80	Biological activity of complexes derived from thiophene-2-carbaldehyde thiosemicarbazone. Crystal structure of $[Ni(C_6H_6N_3S_2)_2]$. <i>Journal of Inorganic Biochemistry</i> , 2001, 86, 627-633.	1.5	82
81	Magnetism in $La_{0.7}Pb_{0.3}(Mn_{0.9}TM_{0.1})O_3$ ($TM=Fe, Co, Ni$) CMR perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 831-833.	1.0	17
82	An Ionic Nickel(II) Phosphate with Ethylenediamine: $(C_2H_{10}N_2)[Ni(H_2O)_6](HPO_4)_2$. Hydrothermal Synthesis, Crystal Structure, and Spectroscopic Properties. <i>Journal of Solid State Chemistry</i> , 2000, 154, 460-465.	1.4	19
83	Structural, magnetic and magnetotransport properties of $La_{0.7}Pb_{0.3}Mn_{0.9}TM_{0.1}O_3$ ($TM = Fe, Co, Ni$) CMR perovskites. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 10523-10534.	0.7	16
84	A New Inorganic-Organic Hybrid Iron(III) Arsenate: $(C_2H_{10}N_2)[Fe(HAsO_4)_2(H_2AsO_4)](H_2O)$. Hydrothermal Synthesis, Crystal Structure, and Spectroscopic and Magnetic Properties. <i>Inorganic Chemistry</i> , 2000, 39, 6056-6060.	1.9	50
85	Structural and magnetic properties of $La_{0.7}Pb_{0.3}(Mn_{1-x}Fex)O_3$ ($0 < x < 0.3$) giant magnetoresistance perovskites. <i>Physical Review B</i> , 2000, 61, 9028-9035.	1.1	90
86	A New Manganese(II) Phosphate Templated by Ethylenediamine: $(C_2H_{10}N_2)[Mn_2(HPO_4)_3(H_2O)]$. Hydrothermal Synthesis, Crystal Structure, and Spectroscopic and Magnetic Properties. <i>Chemistry of Materials</i> , 2000, 12, 376-382.	3.2	72
87	A New Layered Inorganic-Organic Hybrid Manganese(II) Phosphite: $(C_2H_{10}N_2)[Mn_3(HPO_3)_4]$. Hydrothermal Synthesis, Crystal Structure, and Spectroscopic and Magnetic Properties. <i>Chemistry of Materials</i> , 2000, 12, 2092-2098.	3.2	137
88	Spectroscopic and magnetic properties of copper(II) complexes derived from pyridine-2-carbaldehyde thiosemicarbazone. Structures of $[Cu(NO_3)(C_7H_8N_4S)(H_2O)](NO_3)$ and $[Cu(NCS)(C_7H_7N_4S)_2]$. <i>Polyhedron</i> , 1999, 18, 3703-3711.	1.0	62
89	Synthesis and spectroscopic properties of copper(II) complexes derived from thiophene-2-carbaldehyde thiosemicarbazone. Structure and biological activity of $[Cu(C_6H_6N_3S_2)_2]$. <i>Journal of Inorganic Biochemistry</i> , 1999, 75, 45-54.	1.5	113
90	Hydrothermal synthesis and structural, spectroscopic, and magnetic studies of the $NH_2Mn(AsO_4) \cdot H_2O$ arsenate type dittmarite. <i>Materials Research Bulletin</i> , 1999, 34, 1545-1555.	2.7	2

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91	Hydrothermal synthesis, structural, spectroscopic and magnetic studies of a lamellar phosphate: Ba(MnPO ₄) ₂ ·2H ₂ O. <i>Journal of Materials Chemistry</i> , 1999, 9, 2691-2695.	6.7	22
92	Intercalation of Cu ²⁺ in the HNiPO ₄ ·H ₂ O Layered Phosphate: Study of the Structure, Spectroscopic, and Magnetic Properties of the Intercalated Derivative and the Related CuNi ₂ (PO ₄) ₂ Compound. <i>Chemistry of Materials</i> , 1999, 11, 1752-1759.	3.2	11
93	Spectroscopic and magnetic properties of the pyridine-2-carbaldehyde thiosemicarbazoneiron(III) complexes: [Fe(C ₇ H ₇ N ₄ S) ₂](X)·H ₂ O (X = Cl, ClO ₄ , NO ₃ , PF ₆). Crystal structure of the hexafluorophosphate compound. <i>Inorganica Chimica Acta</i> , 1998, 278, 150-158.	1.2	23
94	Spectroscopic and Magnetic Properties of the MnNi(AsO ₄) (M=Li, Na) Arsenates and Crystal Structure Refinement of LiNi(AsO ₄). <i>Journal of Solid State Chemistry</i> , 1998, 141, 508-513.	1.4	14
95	Synthesis, crystal structure, and magnetic properties of NH ₄ CuPO ₄ ·H ₂ O. <i>Journal of Materials Chemistry</i> , 1998, 8, 1055-1060.	6.7	25
96	Synthesis, characterization and thermal decomposition study of some nickel nitro derivatives. <i>Journal of Materials Chemistry</i> , 1997, 7, 2259-2264.	6.7	2
97	Synthesis, crystal structure and magnetic properties of [Cu(tzq) ₂ (HCO ₂) ₂ (½ -HCO ₂) ₂]·4H ₂ O (tzq = [1,2,3]triazolo[1,5-a]quinoline), a binuclear copper(II) complex with unusual monoatomic formate bridges. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 2033-2038.	1.1	35
98	Influence of Pseudohalide Ions on the Molecular Structure and Magnetic Properties of the Manganese(II)-Bipyrimidine-Pseudohalide System. <i>Inorganic Chemistry</i> , 1997, 36, 5016-5021.	1.9	67
99	(1R*,3R*,4S*)-4-(tert-Butyldiphenylsilyloxy)-6,7-dimethoxy-1-methyl-3-phenyl-1,2,3,4-tetrahydroisoquinoline. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997, 53, 355-358.	0.4	1
100	2-(2-Bromo-4,5-dimethoxyphenyl)-2-(dimethylamino)acetonitrile. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997, 53, 1141-1143.	0.4	0
101	Structural and Spectroscopic Study of the (Mg, Ni) ₂ (OH)(AsO ₄) Arsenates. <i>Journal of Solid State Chemistry</i> , 1997, 132, 107-112.	1.4	26
102	Synthesis, Structure, and Magnetic Properties of the New Layered Compound HNiPO ₄ ·H ₂ O. Study of Alkylamine Intercalated Compounds. <i>Chemistry of Materials</i> , 1996, 8, 1052-1060.	3.2	31
103	Synthesis, crystal structure and spectroscopic properties of the NH ₄ NiPO ₄ ·nH ₂ O (n= 1,6) compounds; magnetic behaviour of the monohydrated phase. <i>Journal of Materials Chemistry</i> , 1996, 6, 421-427.	6.7	45
104	Spectroscopic and magnetic study of the (Mg,M) ₃ (AsO ₄) ₂ ·8H ₂ O (M = Ni ²⁺ , CO ²⁺) arsenates. <i>Materials Research Bulletin</i> , 1996, 31, 925-934.	2.7	26
105	Magnetic properties of the LiMPO ₄ (M = Co, Ni) compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 164, 251-255.	1.0	70
106	Alternating Ferro- and Antiferromagnetic Interactions in Honeycomb-Like Layers of an Azidomanganese(II) Compound. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1810-1812.	4.4	86
107	Orthometalation of 6-amino-1,3-dimethyl-5-phenylazouracil: crystal structure and spectroscopic properties of trans-[RhIII(Cl ₂ (L)(H ₂ O))]·3H ₂ O. <i>Inorganica Chimica Acta</i> , 1995, 231, 103-107.	1.2	10
108	Synthesis, crystal structure, spectroscopic and magnetic properties of strontium oxovanadium(IV) tartrate: molecular precursor for SrVO ₃ . <i>Journal of Materials Chemistry</i> , 1995, 5, 277-283.	6.7	11

