

# MarÃ- a Isabel Arriortua

## List of Publications by Year in descending order

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305  
papers

6,965  
citations

66250

44  
h-index

124990

64  
g-index

331  
all docs

331  
docs citations

331  
times ranked

6025  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and processing of SOFC components for the fabrication and characterization of anode supported cells. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2022, 61, 264-274.	0.9	5
2	Magnetoelastic Resonance Sensors: Principles, Applications, and Perspectives. <i>ACS Sensors</i> , 2022, 7, 1248-1268.	4.0	13
3	Influence of the magnetic domain structure in the mass sensitivity of magnetoelastic sensors with different geometries. <i>Journal of Alloys and Compounds</i> , 2021, 863, 158555.	2.8	9
4	Multifunctionality of weak ferromagnetic porphyrin-based MOFs: selective adsorption in the liquid and gas phase. <i>CrystEngComm</i> , 2021, 23, 4205-4213.	1.3	0
5	Exploring new hydrated delta type vanadium oxides for lithium intercalation. <i>Dalton Transactions</i> , 2020, 49, 3856-3868.	1.6	4
6	Rhombic-magnetoelastic/metal-organic framework functionalized resonators for highly sensitive toluene detection. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13743-13753.	2.7	13
7	Impact of Lithium and Potassium Cations on the Mössbauer Spectral and Electrical Properties of Two Mixed-Valence Iron(II/III) Phosphites. <i>Chemistry of Materials</i> , 2020, 32, 5534-5540.	3.2	2
8	Chromium Speciation in Zirconium-Based Metal-Organic Frameworks for Environmental Remediation. <i>Chemistry - A European Journal</i> , 2020, 26, 13861-13872.	1.7	23
9	Study of the versatility of CuBTC@IL-derived materials for heterogeneous catalysis. <i>CrystEngComm</i> , 2020, 22, 2904-2913.	1.3	6
10	Comparison of the thermal resistance behaviour of synthesized Ln <sub>4</sub> Al <sub>2</sub> O <sub>9</sub> (Ln = Y, Sm, Eu, Gd, Tb) materials vs commercial Zr <sub>0.8</sub> Y <sub>0.2</sub> O <sub>1.9</sub> (8YSZ). <i>Surface and Coatings Technology</i> , 2019, 374, 745-751.	2.2	4
11	Enhanced mass sensitivity in novel magnetoelastic resonators geometries for advanced detection systems. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126612.	4.0	32
12	Structural Transformations in the Thermal Dehydration of [Cu <sub>2</sub> (bpa)(btec)(H <sub>2</sub> O) <sub>4</sub> ] <sub>n</sub> Coordination Polymer. <i>Molecules</i> , 2019, 24, 1840.	1.7	2
13	SOFC cathodic layers using wet powder spraying technique with self synthesized nanopowders. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 7555-7563.	3.8	20
14	Thermal activation of charge carriers in ionic and electronic semiconductor $\text{I}^{2-}\text{Ag}^{\text{I}}\text{V}^{\text{V}}\text{O}_{3}$ and $\text{I}^{2-}\text{Ag}^{\text{I}}\text{V}^{\text{V}}\text{O}_{3}@ \text{V}^{\text{I}}\text{V}^{\text{V}}\text{O}_{1.6}\text{V}^{\text{IV}}\text{O}_{0.4}\text{O}_{4.8}$ composite xerogels. <i>RSC Advances</i> , 2019, 9, 42439-42449.	1.7	1
15	Synthesis of new Ln <sub>4</sub> (Al <sub>2</sub> O <sub>6</sub> F <sub>2</sub> )O <sub>2</sub> (Ln = Tj, ET, Q, U, Th, Pa, Np, Pu, Am, Cm, Bk, Cf, Fm, Md, No, Lr) rare-earth aluminates. <i>Journal of Solid State Chemistry</i> , 2019, 314, 1-10.	0.784	3
16	Characterization of Ln <sub>4</sub> Al <sub>2</sub> O <sub>9</sub> (Ln=Y, Sm, Eu, Gd, Tb) rare-earth aluminates as novel high-temperature barrier materials. <i>Ceramics International</i> , 2018, 44, 8761-8767.	2.3	18
17	Open and closed forms of the interpenetrated [Cu <sub>2</sub> (Tae)(Bpa) <sub>2</sub> ](NO <sub>3</sub> ) <sub>2</sub> ·nH <sub>2</sub> O: magnetic properties and high pressure CO <sub>2</sub> /CH <sub>4</sub> gas sorption. <i>Dalton Transactions</i> , 2018, 47, 958-970.	1.6	2
18	K <sub>2</sub> MnI <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> C <sub>2</sub> O <sub>4</sub> (HPO <sub>3</sub> ) <sub>2</sub> : a new 2D manganese oxalato-phosphate with double-layered honeycomb sheets stabilized by potassium ions. <i>CrystEngComm</i> , 2018, 20, 301-311.	1.3	11

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19	Ionic liquids for the control of the morphology in poly(vinylidene fluoride-co-hexafluoropropylene) membranes. <i>Materials and Design</i> , 2018, 155, 325-333.	3.3	25
20	Double role of metalloporphyrins in catalytic bioinspired supramolecular metal-organic frameworks (SMOFs). <i>IUCr</i> , 2018, 5, 559-568.	1.0	4
21	Metalloporphyrinic solid frameworks: catalytic activity. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e285-e285.	0.0	0
22	Crystal structure and thermal and mechanical properties of a herringbone-type CuII-based solid coordination framework. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e387-e388.	0.0	0
23	Designing multifunctional pigments for an improved energy efficiency in buildings. <i>Energy and Buildings</i> , 2017, 147, 9-13.	3.1	7
24	Cationic Mn <sup>2+</sup> /H <sup>+</sup> exchange leading a slow solid-state transformation of a 2D porphyrinic network at ambient conditions. <i>Journal of Solid State Chemistry</i> , 2017, 247, 161-167.	1.4	3
25	Catalytic Performance of a New 1D Cu(II) Coordination Polymer {Cu(NO <sub>3</sub> )(H <sub>2</sub> O)}(HTae)(4,4'-Bpy) for Knoevenagel Condensation. <i>Molecules</i> , 2016, 21, 1651.	1.7	3
26	A <sub>x</sub> (H <sub>3</sub> O) <sub>2x</sub> Mn <sup>5</sup> (HPO <sub>3</sub> ) <sub>6</sub> (A = Li, Na, K and NH <sub>4</sub> ): open-framework manganese(II) phosphites templated by mixed cationic species. <i>Dalton Transactions</i> , 2016, 45, 12188-12199.	1.6	3
27	Thermal and Magnetic Diversity in the Behaviour of the Cu <sup>II</sup> -bpa System: 1D, 2D and Interpenetrated 3D Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4783-4791.	1.0	2
28	The effect of partial substitution of Ni by Mg on the structural, magnetic and spectroscopic properties of the double perovskite Sr <sub>2</sub> NiTeO <sub>6</sub> . <i>Dalton Transactions</i> , 2016, 45, 14378-14393.	1.6	19
29	Femtosecond laser micromachining of metallic/ceramic composite material for solid oxide fuel cell devices. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 17053-17063.	3.8	8
30	Crystal structure of K <sub>0.75</sub> [Fe <sup>II</sup> <sub>3.75</sub> Fe <sup>III</sup> <sub>1.25</sub> (HPO <sub>3</sub> ) <sub>6</sub> ] <sub>4</sub> ·0.5H <sub>2</sub> O: an open-framework iron phosphite with mixed-valent Fe <sup>II</sup> /Fe <sup>III</sup> ions. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 63-65.	0.2	4
31	Commensurate Superstructure of the {Cu(NO <sub>3</sub> )(H <sub>2</sub> O)}(HTae)(Bpy) Coordination Polymer: An Example of 2D Hydrogen-Bonding Networks as Magnetic Exchange Pathway. <i>Inorganic Chemistry</i> , 2016, 55, 11662-11675.	1.9	9
32	Preparation and characterization of high NIR reflective pigments based in ultramarine blue. <i>Energy and Buildings</i> , 2016, 126, 170-176.	3.1	9
33	Cu <sup>II</sup> -based metal-organic nanoballs for very rapid adsorption of dyes and iodine. <i>CrystEngComm</i> , 2016, 18, 1709-1712.	1.3	32
34	[NaCu(2,4-HPdc)(2,4-Pdc)] Mixed Metal-Organic Framework as a Heterogeneous Catalyst. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4699-4707.	1.0	15
35	Coordination and Crystallization Molecules: Their Interactions Affecting the Dimensionality of Metalloporphyrinic SCFs. <i>Molecules</i> , 2015, 20, 6683-6699.	1.7	18
36	Laser machining of LaNi <sub>0.6</sub> Mo <sub>0.4</sub> O <sub>3</sub> (M: Co, Fe) dip-coated on a Fe-Cr mesh material to obtain a new contact coating for SOFC: Interaction between Crofer22APU interconnect and La <sub>0.6</sub> Sr <sub>0.4</sub> FeO <sub>3</sub> cathode. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 8407-8418.	3.8	12

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37	Compatibility between strontium-doped ferrite cathode and metallic interconnects in solid oxide fuel cells. <i>Journal of Power Sources</i> , 2015, 280, 505-515.	4.0	10
38	ideal. <i>Journal of Solid State Chemistry</i> , 2015, 230, 191-198.	1.4	5
39	Water-induced phase transformation of a Cu <sup>II</sup> coordination framework with pyridine-2,5-dicarboxylate and di-2-pyridyl ketone: synchrotron radiation analysis. <i>CrystEngComm</i> , 2015, 17, 6346-6354.	1.3	7
40	Structural phase transitions and magnetic and spectroscopic properties of the double perovskites Sr <sub>2</sub> Co <sub>1-x</sub> Mg <sub>x</sub> TeO <sub>6</sub> (x = 0.1, 0.2 and 0.5). <i>Dalton Transactions</i> , 2015, 44, 13716-13734.	1.6	14
41	Thermal stability of ionic nets with CuII ions coordinated to di-2-pyridyl ketone: Reversible crystal-to-crystal phase transformation. <i>Polyhedron</i> , 2015, 92, 117-123.	1.0	11
42	Evaluation of using protective/conductive coating on Fe-22Cr mesh as a composite cathode contact material for intermediate solid oxide fuel cells. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 4804-4818.	3.8	19
43	Mother structures related to the hexagonal and cubic close packing in Cu <sub>24</sub> clusters: solvent-influenced derivatives. <i>CrystEngComm</i> , 2015, 17, 3297-3304.	1.3	11
44	Composite $\beta$ -AgVO <sub>3</sub> @V <sub>1.6</sub> V <sub>0.4</sub> O <sub>4.8</sub> hydrogels and xerogels for iodide capture. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19996-20012.	5.2	14
45	Heterogeneous catalytic properties of unprecedented $\frac{1}{4}$ -O-[FeTCPP] <sub>2</sub> dimers (H <sub>2</sub> TCPP = meso-tetra(4-carboxyphenyl)porphyrin): an unusual superhyperfine EPR structure. <i>Dalton Transactions</i> , 2015, 44, 213-222.	1.6	22
46	More than Color: Pigments with Thermal Storage Capacity; Processing and Degradation Behavior. <i>Advances in Materials Physics and Chemistry</i> , 2015, 05, 171-184.	0.3	1
47	Electrochemical behavior of inorganic-organic Brannerites in lithium and sodium cells. <i>Journal of Solid State Chemistry</i> , 2014, 212, 92-98.	1.4	29
48	Effects of using (La <sub>0.8</sub> Sr <sub>0.2</sub> ) <sub>0.95</sub> Fe <sub>0.6</sub> Mn <sub>0.3</sub> Co <sub>0.1</sub> O <sub>3</sub> (LSFMC), LaNi <sub>0.6</sub> Fe <sub>0.4</sub> O <sub>3</sub> (LNF) and LaNi <sub>0.6</sub> Co <sub>0.4</sub> O <sub>3</sub> (LNC) as contact materials on solid oxide fuel cells. <i>Journal of Power Sources</i> , 2014, 248, 1067-1076.	4.0	34
49	Effects of synthesis conditions on the structural, stability and ion conducting properties of Li <sub>0.30</sub> (La <sub>0.50</sub> Ln <sub>0.50</sub> ) <sub>0.567</sub> TiO <sub>3</sub> (Ln=La, Pr, Nd) solid electrolytes for rechargeable lithium batteries. <i>Ceramics International</i> , 2014, 40, 8761-8768.	2.3	17
50	Hybrid vanadates constructed from extended metal-organic arrays: crystal architectures and properties. <i>CrystEngComm</i> , 2014, 16, 10332-10366.	1.3	22
51	Cu <sup>II</sup> -PDC-bpe frameworks (PDC = 2,5-pyridinedicarboxylate, bpe = 1,2-di(4-pyridyl)ethylene): mapping of herringbone-type structures. <i>CrystEngComm</i> , 2014, 16, 8726-8735.	1.3	13
52	Fluorinated mixed valence Fe(II)-Fe(III) phosphites with channels templated by linear tetramine chains. Structural and magnetic implications of partial replacement of Fe(II) by Co(II). <i>CrystEngComm</i> , 2014, 16, 6066-6079.	1.3	3
53	EB-PVD deposition of spinel coatings on metallic materials and silicon wafers. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 15735-15745.	3.8	8
54	Reversible Solid-State Transformation in {Ni <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> (Bpa) <sub>2</sub> (V <sub>6</sub> O <sub>17</sub> )} Proved by Synchrotron Radiation: Color and Magnetic Properties Change. <i>Crystal Growth and Design</i> , 2014, 14, 658-670.	1.4	11

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55	LaNi <sub>0.6</sub> Co <sub>0.4</sub> O <sub>3</sub> dip-coated on Fe-Cr mesh as a composite cathode contact material on intermediate solid oxide fuel cells. <i>Journal of Power Sources</i> , 2014, 269, 509-519.	4.0	19
56	Fe-TPP Coordination Network with Metalloporphyrinic Neutral Radicals and <i>Face-to-Face</i> and <i>Edge-to-Face</i> Stacking. <i>Inorganic Chemistry</i> , 2013, 52, 8074-8081.	1.9	12
57	Structure and properties of perovskites for SOFC cathodes as a function of the A-site cation size disorder. <i>Solid State Ionics</i> , 2013, 235, 14-21.	1.3	17
58	Thermal stability and crystallochemical analysis for Coll-based coordination polymers with TPP and TPPS porphyrins. <i>CrystEngComm</i> , 2013, 15, 4181.	1.3	32
59	Thermal Response, Catalytic Activity, and Color Change of the First Hybrid Vanadate Containing Bpe Guest Molecules. <i>Inorganic Chemistry</i> , 2013, 52, 2615-2626.	1.9	42
60	The effect of doping (Mn,B) <sub>3</sub> O <sub>4</sub> materials as protective layers in different metallic interconnects for Solid Oxide Fuel Cells. <i>Journal of Power Sources</i> , 2013, 243, 419-430.	4.0	25
61	Amine templated open-framework vanadium(iii) phosphites with catalytic properties. <i>Dalton Transactions</i> , 2013, 42, 4500.	1.6	33
62	Host-guest chemistry of Nill coordination compounds with PDC and (py) <sub>2</sub> CO: reversible crystal-to-amorphous transformations induced by solvent exchange. <i>CrystEngComm</i> , 2013, 15, 5134.	1.3	12
63	Low temperature red luminescence of a fluorinated Mn-doped zinc selenite. <i>Dalton Transactions</i> , 2013, 42, 12481.	1.6	25
64	Chemical Compatibility and Electrical Contact of LaNi <sub>0.6</sub> Co <sub>0.4</sub> O <sub>3</sub> (LNC) between Crofer22APU Interconnect and La <sub>0.6</sub> Sr <sub>0.4</sub> FeO <sub>3</sub> (LSF) Cathode for IT-SOFC. <i>Fuel Cells</i> , 2013, 13, 398-403.	1.5	22
65	Compositional space diagrams and crystallization sequences in M/Bpa/NaVO <sub>3</sub> (M = Ni, Co) systems. Physical properties of [Ni(H <sub>2</sub> O)(Bpa)](VO <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> O and [Co(Bpa)](VO <sub>3</sub> ) <sub>2</sub> 3D hybrid vanadates. <i>CrystEngComm</i> , 2012, 14, 6921.	1.3	4
66	Synthesis and comparative study of Co(pym)(VO <sub>3</sub> ) <sub>2</sub> and [Co(H <sub>2</sub> O) <sub>2</sub> (VO <sub>3</sub> ) <sub>2</sub> ]·2H <sub>2</sub> O. <i>Dalton Transactions</i> , 2012, 41, 14170.	1.6	9
67	Flexible and Dynamic Thermal Behavior of Self-Catenated [Ni <sub>3</sub> (H <sub>2</sub> O) <sub>3</sub> (Bpa) <sub>4</sub> ](V <sub>6</sub> O <sub>18</sub> )·8H <sub>2</sub> O Constructed from 10-c Heterometallic Inorganic-Organic Clusters. <i>Inorganic Chemistry</i> , 2012, 51, 2130-2139.	1.9	22
68	Oxide scale formation on different metallic interconnects for solid oxide fuel cells. <i>Corrosion Science</i> , 2012, 60, 38-49.	3.0	35
69	Solid-state transformation of the MOF [Ni <sub>2</sub> (bipy) <sub>1.5</sub> (PDC) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ]·3.5H <sub>2</sub> O. <i>CrystEngComm</i> , 2011, 13, 6831.	1.3	28
70	Effect of the Strontium Content on the Electrochemical Performance of the Perovskite-Type Pr <sub>1-x</sub> Sr <sub>x</sub> Fe <sub>0.8</sub> Co <sub>0.2</sub> O <sub>3</sub> Oxides. <i>ECS Transactions</i> , 2011, 35, 2183-2190.	0.3	2
71	M(C <sub>6</sub> H <sub>16</sub> N <sub>3</sub> ) <sub>2</sub> (VO <sub>3</sub> ) <sub>4</sub> as heterogeneous catalysts. Study of three new hybrid vanadates of cobalt(ii), nickel(ii) and copper(ii) with 1-(2-aminoethyl)piperazonium. <i>Dalton Transactions</i> , 2011, 40, 12690.	1.6	13
72	{Co(HBpe) <sub>2</sub> }(V <sub>4</sub> O <sub>12</sub> ): pedal motion induced order-disorder P1 <sub>2</sub> 1 <sub>1</sub> →C1 <sub>1</sub> transition and disrupted C1 <sub>1</sub> →C2/m displacive transition due to thermal instability. <i>CrystEngComm</i> , 2011, 13, 6488.	1.3	11

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73	Li <sub>1.43</sub> [Fe <sup>II</sup> <sub>4.43</sub> Fe <sup>III</sup> <sub>0.57</sub> (HPO <sub>3</sub> ) <sub>6</sub> ] <sup>+</sup> ·1.5H <sub>2</sub> O: A Phosphite Oxoanion-Based Compound with Lithium Exchange Capability and Spin-Glass Magnetic Behavior. <i>Chemistry of Materials</i> , 2011, 23, 4317-4330.	3.2	34
74	Enhancement of the Luminescent Properties of a New Red-Emitting Phosphor, Mn <sub>2</sub> (HPO <sub>3</sub> ) <sub>3</sub> F <sub>2</sub> , by Zn Substitution. <i>Inorganic Chemistry</i> , 2011, 50, 12463-12476.	1.9	54
75	Characterization of Ln <sub>0.5</sub> M <sub>0.5</sub> FeO <sub>3</sub> (Ln=La, Nd, Sm; M=Ba, Sr) perovskites as SOFC cathodes. <i>Solid State Ionics</i> , 2011, 201, 35-41.	1.3	24
76	Mild hydrothermal synthesis, crystal structure, thermal behaviour, spectroscopic and magnetic properties of (NH <sub>4</sub> ) <sub>0.80</sub> Li <sub>0.20</sub> [Fe(AsO <sub>4</sub> )F]. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2623-2628.	1.4	1
77	Self-assembly of iron TCPP (meso-tetra(4-carboxyphenyl)porphyrin) into a chiral 2D coordination polymer. <i>Polyhedron</i> , 2011, 30, 2711-2716.	1.0	34
78	Hydrothermal synthesis and study of an inorganic-organic hybrid vanadate of a nickel(II) coordination complex with pyrazine, Ni <sub>3</sub> (C <sub>4</sub> H <sub>4</sub> N <sub>2</sub> ) <sub>3</sub> (V <sub>8</sub> O <sub>23</sub> ). <i>Materials Research Bulletin</i> , 2011, 46, 845-849.	2.7	5
79	Synthesis of highly ordered three-dimensional nanostructures and the influence of the temperature on their application as solid oxide fuel cells cathodes. <i>Journal of Power Sources</i> , 2011, 196, 4174-4180.	4.0	12
80	Optimization of La <sub>0.6</sub> Ca <sub>0.4</sub> Fe <sub>0.8</sub> Ni <sub>0.2</sub> O <sub>3</sub> -Ce <sub>0.8</sub> Sm <sub>0.2</sub> O <sub>2</sub> composite cathodes for intermediate-temperature solid oxide fuel cells. <i>Journal of Power Sources</i> , 2011, 196, 4332-4336.	4.0	14
81	Effect of the A Cation Size Disorder on the Properties of an Iron Perovskite Series for Their Use as Cathodes for SOFCs. <i>Fuel Cells</i> , 2011, 11, 51-58.	1.5	13
82	Magnetostructural correlations in the antiferromagnetic Co <sub>2-2x</sub> Cu <sub>x</sub> (OH)AsO <sub>4</sub> (x=0 and 0.3) phases. <i>Journal of Solid State Chemistry</i> , 2011, 184, 2075-2082.	1.4	11
83	Vanadyl arsenates as catalysts for selective oxidation of organic sulfides and alkenes. <i>Journal of Molecular Catalysis A</i> , 2011, 335, 176-182.	4.8	5
84	La <sub>0.6</sub> Sr <sub>0.2</sub> Ca <sub>0.2</sub> Fe <sub>0.8</sub> Ni <sub>0.2</sub> O <sub>3</sub> thin films obtained by pulsed laser ablation: Effect of the substrate on the electrochemical behavior. <i>Solid State Ionics</i> , 2011, 192, 584-590.	1.3	7
85	Influence of colloidal templates on the impedance spectroscopic behaviour of Pr <sub>0.7</sub> Sr <sub>0.3</sub> Fe <sub>0.8</sub> Ni <sub>0.2</sub> O <sub>3</sub> for solid oxide fuel cell applications. <i>Solid State Ionics</i> , 2011, 192, 235-240.	1.3	3
86	Nanostructured Gd <sub>0.8</sub> Sr <sub>0.2</sub> Fe <sub>0.8</sub> M <sub>0.2</sub> O <sub>3</sub> (M=Cr, Ga) materials for solid oxide fuel cell cathodes. <i>Physics Procedia</i> , 2010, 8, 2-9.	1.2	5
87	(Ln <sub>0.5</sub> M <sub>0.5</sub> )FeO <sub>3</sub> Perovskites as Cathode for Solid Oxide Fuel Cells: Effect of Mean Radius of the A-Site Cations. <i>Journal of the Electrochemical Society</i> , 2010, 157, A919.	1.3	5
88	Unprecedented coordination modes for PDC (pyridine-2,5-dicarboxylate) in polymorphic 3D heterobimetallic compounds <sup>1±</sup> - and <sup>12</sup> -[MNa <sub>2</sub> (PDC) <sub>2</sub> (H <sub>2</sub> O) <sub>4</sub> ], with M = Ni, Co. <i>CrystEngComm</i> , 2010, 12, 1784.	1.3	11
89	Short-Range and Long-Range Magnetic Ordering, in Third Generation Brannerite Type Inorganic-Organic Vanadates: [{Mn(Bpy)}(VO <sub>3</sub> ) <sub>2</sub> ] <sup>+</sup> ·(H <sub>2</sub> O) <sub>1.16</sub> and [{Mn(Bpy)} <sub>0.5</sub> ](VO <sub>3</sub> ) <sub>2</sub> ·(H <sub>2</sub> O) <sub>0.62</sub> . <i>Chemistry of Materials</i> , 2010, 22, 5543-5553.	3.2	23
90	Structural Analysis, Spectroscopic, and Magnetic Properties of the 1D Triple-Bridged Compounds [M(dca) <sub>2</sub> (bpa)] (M = Mn, Fe, Co, Zn; dca = dicyanamide; bpa = 1,2-bis(4-pyridyl)ethane) and the 3D [Ni(dca) <sub>2</sub> (bpa) <sub>2</sub> ] <sup>+</sup> ·6H <sub>2</sub> O. <i>Inorganic Chemistry</i> , 2010, 49, 10445-10454.	1.9	31

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91	Four nodal self-catenated $[\text{Ni}_8(\text{Bpy})_{16}\text{V}_2\text{O}_6\text{H}_2\text{O}] \cdot 8.5(\text{H}_2\text{O})$ , combining three dimensional metal-organic and inorganic frameworks. <i>CrystEngComm</i> , 2010, 12, 1880.	1.3	23
92	Catalytic performance of the high and low temperature polymorphs of $(\text{C}_6\text{N}_2\text{H}_{16})_{0.5}[(\text{VO})(\text{HAsO}_4)\text{F}]$ : structural, thermal, spectroscopic and magnetic studies. <i>Dalton Transactions</i> , 2010, 39, 834-846.	1.6	11
93	Dynamic and reversible contraction in $\{\text{Ni}_3(\text{H}_2\text{O})_3(\text{Bpa})_4\}(\text{V}_6\text{O}_{18}) \cdot 8\text{H}_2\text{O}$ vanadate. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, s236-s237.		
94	Tris[4,4'-ethene-1,2-diyl]dipyridinium decavanadate dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m323-m324.	0.2	2
95	$\text{Co}(\text{pym})(\text{VO}_3)_2$ and $\text{Co}(\text{H}_2\text{O})_2(\text{VO}_3)_2 \cdot 2\text{H}_2\text{O}$ : structure, magnetic properties and relationships. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, s249-s250.	0.3	0
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191	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
192	Magnetostructural characterisation of two $M(NCO)_n$ bpa polymers ( $M = Co, Mn$ and $bpa =$ ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30</i>	2.3	33
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197	Biological activity of complexes derived from pyridine-2-carbaldehyde thiosemicarbazone. <i>Journal of Inorganic Biochemistry</i> , 2001, 84, 271-278.	1.5	68
198	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

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200	A Dicubane-Like Tetrameric Nickel(II) Azido Complex. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 344-347.	7.2	112
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205	Structural analysis and magnetic properties of the 2-D compounds [M(N <sub>3</sub> ) <sub>2</sub> (bpa)] <sub>n</sub> [M=...Mn, Co or Ni; T <sub>J</sub> E <sub>J</sub> Q <sub>1</sub> 1 0.784314 55]	2.3	55
206	Solvent control in the synthesis of [Mn(NCS) <sub>2</sub> (bpe) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ] and [Mn(NCS) <sub>2</sub> (bpe) <sub>1.5</sub> (CH <sub>3</sub> OH)] <sub>n</sub> (bpe=...1,2-bis(4-pyridyl)ethene): structural analysis and magnetic properties. <i>Dalton Transactions RSC</i> , 2000, , 1469-1473.	2.3	41
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211	Spectroscopic and magnetic properties of copper(II) complexes derived from pyridine-2-carbaldehyde thiosemicarbazone. Structures of [Cu(NO <sub>3</sub> )(C <sub>7</sub> H <sub>8</sub> N <sub>4</sub> S)(H <sub>2</sub> O)](NO <sub>3</sub> ) and [{Cu(NCS)(C <sub>7</sub> H <sub>7</sub> N <sub>4</sub> S)} <sub>2</sub> ]. <i>Polyhedron</i> , 1999, 18, 3703-3711.	1.0	62
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240	N-(tert-Butoxycarbonyl)-2-phenylglycine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996, 52, 3169-3171.	0.4	0
241	2-[(3,4-Dimethoxybenzyl)(p-toluenesulfonyl)amino]-2-phenylethanol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995, 51, 109-112.	0.4	1
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	3904-3911.		
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