

# Abraham Clearfield

## List of Publications by Year in descending order

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438  
papers

22,326  
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6592

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17055

122  
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464  
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464  
docs citations

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times ranked

10668  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amphiphilic Zirconium Phosphate Nanoparticles as Tribo-Catalytic Additives of Multi-Performance Lubricants. <i>Journal of Tribology</i> , 2022, 144, .	1.0	4
2	Complexing Agent Directed Growth of $\hat{\pm}$ -Zirconium Phosphate-Based Hexagonal Prisms. <i>Inorganic Chemistry</i> , 2020, 59, 1204-1210.	1.9	10
3	Layered intercalation compounds: Mechanisms, new methodologies, and advanced applications. <i>Progress in Materials Science</i> , 2020, 109, 100631.	16.0	66
4	Nanoparticle $\hat{\pm}$ -ZrP Enhanced Superhydrophobicity. <i>Solvent Extraction and Ion Exchange</i> , 2020, 38, 645-655.	0.8	6
5	Exfoliation of $\hat{\pm}$ -Zirconium Phosphate Using Tetraalkylammonium Hydroxides. <i>Inorganic Chemistry</i> , 2020, 59, 7822-7829.	1.9	24
6	On Librational and Rotational Motions of Aromatic Rings in Layered Sn(IV) and Zr(IV) Phosphonate Materials: A Variable-Temperature $^{13}\text{C}$ , $^{31}\text{P}$ Solid-State NMR Study. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4958-4961.	2.1	4
7	Solvent-Free Synthesis of Nano Zirconium Phenylphosphonates with Molten Phenylphosphonic Acid. <i>Chemistry - A European Journal</i> , 2020, 26, 6185-6194.	1.7	6
8	Pyridine- $d_5$ as a $^2\text{H}$ NMR probe for investigation of macrostructure and pore shapes in a layered Sn(IV) phosphonate-phosphate material. <i>Chemical Communications</i> , 2020, 56, 3653-3656.	2.2	1
9	Anti-Galling Effects of $\hat{\pm}$ -Zirconium Phosphate Nanoparticles as Grease Additives. <i>Journal of Tribology</i> , 2019, 141, .	1.0	13
10	Layered metal ( $\text{IV}$ ) phosphonate materials: Solid-state $^1\text{H}$ , $^{13}\text{C}$ , $^{31}\text{P}$ NMR spectra and NMR relaxation. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 276-284.	1.1	13
11	Achieving Amphibious Superprotonic Conductivity in a $\text{Cu}^{\text{I}}$ Metal-Organic Framework by Strategic Pyrazinium Salt Impregnation. <i>Chemistry - A European Journal</i> , 2018, 24, 872-880.	1.7	28
12	Kinetics of Ion Exchange of Zr/Sn(IV) Phosphonate-Phosphate Hybrid Materials for Separation of Lanthanides from Oxidized Actinides. <i>Solvent Extraction and Ion Exchange</i> , 2018, 36, 674-686.	0.8	3
13	HKUST-1 Supported on Zirconium Phosphate as an Efficient Catalyst for Solvent Free Oxidation of Cyclohexene: DFT Study. <i>Catalysts</i> , 2018, 8, 546.	1.6	3
14	Guest Molecules in a Layered Microporous Tin(IV) Phosphonate-Phosphate Material: Solid State NMR Studies. <i>Journal of Physical Chemistry A</i> , 2018, 122, 9901-9909.	1.1	3
15	Benzene- $d_6$ and toluene- $d_8$ as guest molecules in micropores of a layered zirconium phosphonate: $^2\text{H}$ , $^{13}\text{C}$ { $^1\text{H}$ }, and $^{31}\text{P}$ { $^1\text{H}$ } solid-state NMR, deuterium NMR relaxation, and molecular motions. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 1158-1167.	1.1	3
16	Solid Acid Catalyst Based on Single-Layer $\hat{\pm}$ -Zirconium Phosphate Nanosheets for Biodiesel Production via Esterification. <i>Catalysts</i> , 2018, 8, 17.	1.6	47
17	Modulating Magnetic Refrigeration through Structural Variation in $\text{Co}^{\text{II/III}}$ - $\text{Gd}^{\text{III}}$ Clusters. <i>Inorganic Chemistry</i> , 2017, 56, 2843-2848.	1.9	14
18	Poly(ethylene glycol)-modified zirconium phosphate nanoplatelets for improved doxorubicin delivery. <i>Inorganica Chimica Acta</i> , 2017, 468, 270-279.	1.2	27

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19	<sup>31</sup> P Solid-State NMR Relaxation in the Zirconium Phosphate Network in the Presence of Paramagnetic Centers: A Detailed Relaxation Study in Static and Rotating Samples of Layered Zirconium Phosphate Materials. <i>Journal of Physical Chemistry C</i> , 2017, 121, 7372-7378.	1.5	4
20	<sup>31</sup> P, <sup>1</sup> H NMR Relaxation and Molecular Mobility in Layered $\hat{\pm}$ -Zirconium Phosphate: Variable-Temperature NMR Experiments. <i>Journal of Physical Chemistry C</i> , 2017, 121, 550-555.	1.5	13
21	Modification and intercalation of layered zirconium phosphates: a solid-state NMR monitoring. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 648-654.	1.1	13
22	Local Environment of Terbium(III) Ions in Layered Nanocrystalline Zirconium(IV) Phosphonate-Phosphate Ion Exchange Materials. <i>Inorganic Chemistry</i> , 2017, 56, 8837-8846.	1.9	30
23	Formation of Anti-Wear Tribofilms via $\hat{\pm}$ -ZrP Nanoplatelet as Lubricant Additives. <i>Lubricants</i> , 2016, 4, 28.	1.2	34
24	Zr/Sn(IV) Phosphonates as Radiolytically Stable Ion-Exchange Materials. <i>Chemistry of Materials</i> , 2016, 28, 2254-2259.	3.2	42
25	Phosphonate Based High Nuclearity Magnetic Cages. <i>Accounts of Chemical Research</i> , 2016, 49, 1093-1103.	7.6	62
26	Zirconium Phosphate Supported MOF Nanoplatelets. <i>Inorganic Chemistry</i> , 2016, 55, 5634-5639.	1.9	17
27	Heterometallic Co <sup>III</sup> $\hat{\pm}$ Gd <sup>III</sup> Clusters as Magnetic Refrigerants. <i>Inorganic Chemistry</i> , 2016, 55, 8254-8256.	1.9	26
28	<sup>31</sup> P NMR Relaxation and Motions of Phosphate Groups in Layered Zirconium Phosphate Materials. <i>Journal of Physical Chemistry C</i> , 2016, 120, 19225-19233.	1.5	9
29	Synthesis of Layered Double Hydroxide Single-Layer Nanosheets in Formamide. <i>Inorganic Chemistry</i> , 2016, 55, 12036-12041.	1.9	87
30	Zirconium(IV) Phosphonate-Phosphates as Efficient Ion-Exchange Materials. <i>Inorganic Chemistry</i> , 2016, 55, 1651-1656.	1.9	77
31	Surface modification of layered zirconium phosphate with PNIPAM. <i>Chemical Communications</i> , 2016, 52, 4832-4835.	2.2	16
32	Flexible MOFs under stress: pressure and temperature. <i>Dalton Transactions</i> , 2016, 45, 4100-4112.	1.6	33
33	Correlating hydrodynamic radii with that of two-dimensional nanoparticles. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	12
34	Amine-intercalated $\hat{\pm}$ -zirconium phosphates as lubricant additives. <i>Applied Surface Science</i> , 2015, 329, 384-389.	3.1	57
35	Direct growth of layered intercalation compounds via single step one-pot in situ synthesis. <i>Chemical Communications</i> , 2015, 51, 11398-11400.	2.2	10
36	Molybdocene dichloride intercalation into zirconium phosphate nanoparticles. <i>Journal of Organometallic Chemistry</i> , 2015, 791, 34-40.	0.8	14

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37	Hydrothermal synthesis and structural characterization of ammonium ion-templated lanthanide(III) carboxylate-phosphonates. <i>Frontiers in Chemistry</i> , 2014, 2, 94.	1.8	3
38	Î±-Zirconium phosphate nanoplatelets as lubricant additives. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 452, 32-38.	2.3	88
39	Reversible Dehydration Behavior Reveals Coordinatively Unsaturated Metal Sites in Microporous Aluminum Phosphonates. <i>Crystal Growth and Design</i> , 2014, 14, 4976-4984.	1.4	8
40	Remarkable Pressure Responses of Metal-Organic Frameworks: Proton Transfer and Linker Coiling in Zinc Alkyl Gates. <i>Journal of the American Chemical Society</i> , 2014, 136, 11540-11545.	6.6	82
41	Isorecticular Investigation into the Formation of Four New Zinc Alkylbisphosphonate Families. <i>Crystal Growth and Design</i> , 2014, 14, 3612-3622.	1.4	8
42	Wilkinson-type hydrogenation catalysts immobilized on zirconium phosphate nanoplatelets. <i>Journal of Molecular Catalysis A</i> , 2014, 394, 217-223.	4.8	30
43	Surface modification of layered zirconium phosphates: a novel pathway to multifunctional materials. <i>Dalton Transactions</i> , 2014, 43, 10328-10339.	1.6	41
44	Designable Architectures on Nanoparticle Surfaces: Zirconium Phosphate Nanoplatelets as a Platform for Tetravalent Metal and Phosphonic Acid Assemblies. <i>Langmuir</i> , 2014, 30, 2513-2521.	1.6	24
45	Surface Functionalization of Zirconium Phosphate Nanoplatelets for the Design of Polymer Fillers. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 585-592.	4.0	83
46	Direct intercalation of cisplatin into zirconium phosphate nanoplatelets for potential cancer nanotherapy. <i>Nanoscale</i> , 2013, 5, 11456.	2.8	54
47	MOFs Under Pressure: The Reversible Compression of a Single Crystal. <i>Journal of the American Chemical Society</i> , 2013, 135, 1252-1255.	6.6	125
48	Zirconium phosphate nanoplatelets: a biocompatible nanomaterial for drug delivery to cancer. <i>Nanoscale</i> , 2013, 5, 2328.	2.8	78
49	Self-Assembled Monolayers Based Upon a Zirconium Phosphate Platform. <i>Chemistry of Materials</i> , 2013, 25, 723-728.	3.2	45
50	Probing Structural Changes in a Phosphonate-based Metal-Organic Framework Exhibiting Reversible Dehydration. <i>Crystal Growth and Design</i> , 2013, 13, 2973-2981.	1.4	27
51	Nature's Nanoparticles: Group IV Phosphonates. , 2012, , 123-157.		0
52	Twenty-five Years of Nuclear Waste Remediation Studies. , 2012, , 159-206.		0
53	Pickering emulsions stabilized by amphiphilic nano-sheets. <i>Soft Matter</i> , 2012, 8, 10245.	1.2	111
54	Hydro-ionothermal syntheses, crystal structures, and properties of five new divalent metal iminophosphonates. <i>Dalton Transactions</i> , 2012, 41, 3995.	1.6	14

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55	Separation of Americium from Curium by Oxidation and Ion Exchange. <i>Analytical Chemistry</i> , 2012, 84, 6930-6932.	3.2	37
56	Divalent metal phosphonate coordination polymers constructed from a dipiperidine-based bisphosphonate ligand. <i>Dalton Transactions</i> , 2012, 41, 3985.	1.6	22
57	Zirconium phosphate nano-platelets: a novel platform for drug delivery in cancer therapy. <i>Chemical Communications</i> , 2012, 48, 1754.	2.2	131
58	Rates of Exchange of Cs <sup>+</sup> and Sr <sup>2+</sup> for Poorly Crystalline Sodium Titanium Silicate (CST) in Nuclear Waste Systems. <i>Solvent Extraction and Ion Exchange</i> , 2012, 30, 229-243.	0.8	28
59	Conventional and Unconventional Metal-Organic Frameworks Based on Phosphonate Ligands: MOFs and UMOFs. <i>Chemical Reviews</i> , 2012, 112, 1034-1054.	23.0	588
60	Structural differences of metal biphenylenebisphosphonate with change in the alkali metal. <i>Journal of Solid State Chemistry</i> , 2012, 187, 149-158.	1.4	13
61	Porous zirconium and tin phosphonates incorporating 2,2'-bipyridine as supports for palladium nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2012, 149, 172-180.	2.2	18
62	Linear chain aluminium(iii) carboxymethylphosphonate with encapsulated ammonium ions. <i>Dalton Transactions</i> , 2011, 40, 12648.	1.6	10
63	In Situ X-ray Diffraction Study of Cesium Exchange in Synthetic Umbite. <i>Inorganic Chemistry</i> , 2011, 50, 3596-3604.	1.9	15
64	Organic-Inorganic Hybrids Assembled from Lanthanide and 1,4-Phenylenebis(phosphonate). <i>Crystal Growth and Design</i> , 2011, 11, 5289-5297.	1.4	34
65	Vapochromic and vapoluminescent response of materials based on platinum(ii) complexes intercalated into layered zirconium phosphate. <i>Journal of Materials Chemistry</i> , 2011, 21, 15899.	6.7	37
66	Separation of lanthanum, hafnium, barium and radiotracers yttrium-88 and barium-133 using crystalline zirconium phosphate and phosphonate compounds as prospective materials for a Ra-223 radioisotope generator. <i>Applied Radiation and Isotopes</i> , 2011, 69, 947-954.	0.7	13
67	Structural variations of SnII pyridylphosphonates influenced by an uncommon Sn-N interaction. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1165-1173.	1.4	18
68	Transition metal-alumina/silica supermicroporous composites with tunable porosity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 357, 105-115.	2.3	11
69	Seizing the caesium. <i>Nature Chemistry</i> , 2010, 2, 161-162.	6.6	27
70	Crystal Growth and Ion Exchange in Titanium Silicates. , 2010, , 1637-1662.		8
71	Nanoencapsulation of Insulin into Zirconium Phosphate for Oral Delivery Applications. <i>Biomacromolecules</i> , 2010, 11, 2465-2470.	2.6	113
72	Structural determination and characterization of copper and zinc bis-glycinates with X-ray crystallography and mass spectrometry. <i>Journal of Coordination Chemistry</i> , 2010, 63, 3335-3347.	0.8	19

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73	Supramolecular networks of polymethylphosphonic acid groups bonded to aromatic platforms: biphenyldiyl-2,2- $\epsilon^2$ -bis(methylphosphonic acid) and benzenetriyl-1,3,5-tris(methylphosphonic acid). Dalton Transactions, 2010, 39, 11008.	1.6	14
74	Effect of Nanoplatelets on the Rheological Behavior of Epoxy Monomers. Macromolecular Materials and Engineering, 2009, 294, 103-113.	1.7	67
75	On $^{29}\text{Si}$ NMR relaxation as a structural criterion for studying paramagnetic supermicroporous silica-based materials: Silica-based materials incorporating $\text{Mn}^{2+}$ ions into the silica matrix of $\text{SiO}_2\text{-Al}_2\text{O}_3\text{-MnO}$ . Solid State Nuclear Magnetic Resonance, 2009, 36, 129-136.	1.5	10
76	Supermicroporous silica-based $\text{SiO}_2\text{-Al}_2\text{O}_3\text{-NiO}$ materials: Solid-state NMR, NMR relaxation and magnetic susceptibility. Microporous and Mesoporous Materials, 2009, 118, 78-86.	2.2	14
77	Tin(IV) phosphonates: porous nanoparticles and pillared materials. Journal of Materials Chemistry, 2009, 19, 2593.	6.7	70
78	Polypropylene Nanocomposites Based on Designed Synthetic Nanoplatelets. Chemistry of Materials, 2009, 21, 1154-1161.	3.2	40
79	Synthesis, Structural and Magnetochemical Studies of Iron Phosphonate Cages Based on $\{\text{Fe}_3\text{O}_7\}^+$ Core. Inorganic Chemistry, 2009, 48, 5338-5349.	1.9	45
80	Structure Solution. , 2009, , 261-309.		0
81	Hydrogen storage in highly microporous solids derived from aluminium biphenyldiphosphate. Journal of Materials Science, 2008, 43, 1155-1158.	1.7	15
82	From non-porous crystalline to amorphous microporous metal(IV) bisphosphonates. Microporous and Mesoporous Materials, 2008, 114, 322-336.	2.2	21
83	Structures of aza-macrocyclic ligands with polyphosphonated dangling groups. Tetrahedron Letters, 2008, 49, 3512-3515.	0.7	7
84	Sn(IV) phosphonates as catalysts in solvent-free Baeyer-Villiger oxidations using $\text{H}_2\text{O}_2$ . Chemical Communications, 2008, , 5556.	2.2	31
85	Unconventional metal organic frameworks: porous cross-linked phosphonates. Dalton Transactions, 2008, , 6089.	1.6	134
86	Solvothermal Synthesis and Characterization of Two High-Nuclearity Mixed-Valent Manganese Phosphonate Clusters. Inorganic Chemistry, 2008, 47, 3489-3491.	1.9	67
87	Mixed-Valent Dodecanuclear Vanadium Cluster Encapsulating Chloride Anions and Its Reaction To Form a Bowl-Shaped Cluster. Inorganic Chemistry, 2008, 47, 3492-3494.	1.9	49
88	Formation of Ni/NiO Nanoparticles in Supermicroporous Silica-Based $\text{SiO}_2\text{-Al}_2\text{O}_3\text{-NiO}$ Materials: Structural and Magnetic Studies. , 2008, , .		0
89	Synthesis and Characterization of Protonated Zirconium Trisilicate and Its Exchange Phases with Strontium. Journal of Physical Chemistry A, 2008, 112, 2589-2597.	1.1	10
90	Synthesis and Characterization of High Nuclearity Iron(III) Phosphonate Molecular Clusters. Inorganic Chemistry, 2008, 47, 5573-5579.	1.9	56

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91	Hydrogen-Bonded Structures Formed from the Reaction of 1,3,5-Benzene-triphosphonic Acid and Adamantane. <i>Crystal Growth and Design</i> , 2008, 8, 2892-2898.	1.4	15
92	The Mechanism Responsible for Extraordinary Cs Ion Selectivity in Crystalline Silicotitanate. <i>Journal of the American Chemical Society</i> , 2008, 130, 11689-11694.	6.6	132
93	Nature's Nanoparticles: Group 4 Phosphonates. , 2007, , 125-158.		0
94	Metal Phosphonate Chemistry. <i>Progress in Inorganic Chemistry</i> , 2007, , 371-510.	3.0	326
95	Layered microporous tin(IV) bisphosphonates. <i>Dalton Transactions</i> , 2007, , 2394-2404.	1.6	30
96	The origin of ion exchange selectivity in a porous framework titanium silicate. <i>Journal of Materials Chemistry</i> , 2007, 17, 4839.	6.7	40
97	Synthesis and Characterization of Four Metal-Organophosphonates with One-, Two-, and Three-Dimensional Structures. <i>Inorganic Chemistry</i> , 2007, 46, 5229-5236.	1.9	75
98	Preparation of Exfoliated Epoxy/Zirconium Phosphate Nanocomposites Containing High Aspect Ratio Nanoplatelets. <i>Chemistry of Materials</i> , 2007, 19, 1749-1754.	3.2	148
99	Role of the Hydroxyl-Water Hydrogen-Bond Network in Structural Transitions and Selectivity toward Cesium in Cs <sub>0.38</sub> (D <sub>1.08</sub> H <sub>0.54</sub> )SiTi <sub>2</sub> O <sub>7</sub> ·(D <sub>0.86</sub> H <sub>0.14</sub> ) <sub>2</sub> O Crystalline Silicotitanate. <i>Inorganic Chemistry</i> , 2007, 46, 1081-1089.	1.9	28
100	Cs <sup>+</sup> -Selective Ion Exchange and Magnetic Ordering in a Three-Dimensional Framework Uranyl Vanadium(IV) Phosphate. <i>Chemistry of Materials</i> , 2007, 19, 132-134.	3.2	74
101	Structural and Mechanistic Investigation of Rubidium Ion Exchange in Potassium Zirconium Trisilicate. <i>Chemistry of Materials</i> , 2007, 19, 384-392.	3.2	15
102	Preparation of zirconium phosphate nanoplatelets with wide variations in aspect ratios. <i>New Journal of Chemistry</i> , 2007, 31, 39-43.	1.4	267
103	Effective Intercalation and Exfoliation of Nanoplatelets in Epoxy via Creation of Porous Pathways. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10377-10381.	1.5	67
104	Structure of a paramagnetic supermicroporous silica-based material via a multinuclear solid-state NMR monitoring. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 118-122.	1.1	9
105	Effect of nanoplatelet dispersion on mechanical behavior of polymer nanocomposites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 1459-1469.	2.4	101
106	Intercalation of polyetheramines into zirconium phosphate. <i>Journal of Materials Chemistry</i> , 2006, 16, 759-764.	6.7	27
107	Oxo-, Hydroxo-, and Peroxo-Bridged Fe(III) Phosphonate Cages. <i>Journal of the American Chemical Society</i> , 2006, 128, 9604-9605.	6.6	103
108	Globular Porous Nanoparticle Tin(IV) Phenylphosphonates and Mixed Methyl Phenylphosphonates. <i>Chemistry of Materials</i> , 2006, 18, 5213-5222.	3.2	21

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109	Rational Design and Synthesis of Porous Organic-Inorganic Hybrid Frameworks Constructed by 1,3,5-Benzenetriphosphonic Acid and Pyridine Synthons. <i>Inorganic Chemistry</i> , 2006, 45, 977-986.	1.9	117
110	Coordination chemistry of phosphonic acids with special relevance to rare earths. <i>Journal of Alloys and Compounds</i> , 2006, 418, 128-138.	2.8	49
111	Redetermination of bis(2-amino-3-hydroxy-1-phenylpropanolato- $\eta^2$ N,O 1)(ethylenediamine- $\eta^2$ ) $Ti_2O_3$ . <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, m696-m698.	0.2	1
112	Control of micropore size in supermicroporous titania-chromia system $TiO_2$ - $Cr_2O_3$ . <i>Inorganic Chemistry Communication</i> , 2006, 9, 1136-1140.	1.8	5
113	Microporous aluminum bisphosphonates. <i>Microporous and Mesoporous Materials</i> , 2006, 88, 293-303.	2.2	39
114	Supermicroporous alumina-silica zinc oxides. <i>Microporous and Mesoporous Materials</i> , 2006, 90, 81-86.	2.2	27
115	Structures of transition and alkaline earth metal salts of 5-aminonaphthalene-2-sulfonate and 6-aminonaphthalene-1, 3-disulfonate: Some unusual coordination behaviors. <i>Journal of Chemical Crystallography</i> , 2006, 36, 487-501.	0.5	9
116	Synthesis of carbon-11 and fluorine-18 labeled N-acetyl-1-aryl-6,7-dimethoxy-1,2,3,4-tetrahydroisoquinoline derivatives as new potential PET AMPA receptor ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 2229-2233.	1.0	52
117	Solid-state NMR spectra of paramagnetic silica-based materials: observation of $^{29}Si$ and $^{27}Al$ nuclei in the first coordination spheres of manganese ions. <i>Magnetic Resonance in Chemistry</i> , 2006, 44, 861-867.	1.1	26
118	$^{29}Si$ spin-lattice NMR relaxation in microporous silica-based materials with high $Mn^{2+}$ concentrations. <i>Magnetic Resonance in Chemistry</i> , 2006, 44, 985-988.	1.1	12
119	Synthesis of Carbon-11 Labeled Triphenylacetamides as Novel Potential PET Melanoma Cancer Imaging Agents. <i>Synthesis</i> , 2006, 2006, 2301-2304.	1.2	0
120	The crystal structures of strontium exchanged sodium titanosilicates in relation to selectivity for nuclear waste treatment. <i>Journal of Solid State Chemistry</i> , 2005, 178, 253-261.	1.4	30
121	A novel inorganic-organic compound: Synthesis and structural characterization of tin(II) phenylbis(phosphonate), $Sn_2(PO_3C_6H_4PO_3)$ . <i>Journal of Solid State Chemistry</i> , 2005, 178, 1321-1325.	1.4	13
122	$[H_2en]_2\{La_2M(SO_4)_6(H_2O)_2\}$ (M=Co, Ni): First organically templated 3d-4f mixed metal sulfates. <i>Journal of Solid State Chemistry</i> , 2005, 178, 2030-2035.	1.4	39
123	Sulfur-Containing Chiral Bis(oxazolines) Tested in Copper-Catalyzed Asymmetric Cyclopropanation. <i>Synthetic Communications</i> , 2005, 35, 2665-2673.	1.1	13
124	Ab-initio Powder Structure Determination of Dichloro[1,2-ethanediybis(iminomethylene)bis(phosphonato)]trizinc Dihydrate. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 829-836.	1.0	1
125	Structural characterization of $Cd_3(O_3PC_2H_4CO_2)_2 \cdot 2H_2O$ from in-house X-ray powder data and NMR. <i>Acta Crystallographica Section B: Structural Science</i> , 2005, 61, 669-674.	1.8	9
126	Novel copper macrocyclic leaflet with N-phosphonomethyl-monoaza-18-crown-6. <i>Chemical Communications</i> , 2005, , 1005.	2.2	12



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127	New families of supermicroporous metal oxides: the link between zeolites and mesoporous materials. <i>Chemical Communications</i> , 2005, , 2396.	2.2	23
128	Crystal-Engineered Three-Dimensional Hydrogen-Bonding Networks Built with 1,3,5-Benzenetri(phosphonic acid) and Bipyridine Synthons. <i>Crystal Growth and Design</i> , 2005, 5, 1767-1773.	1.4	51
129	Supramolecular Hydrogen-Bonded Frameworks from 6-Phosphonopyridine-2-carboxylic Acid and Transition Metal Ions. <i>Crystal Growth and Design</i> , 2005, 5, 1263-1270.	1.4	25
130	A Family of Microporous Materials Formed by Sn(IV) Phosphonate Nanoparticles. <i>Journal of the American Chemical Society</i> , 2005, 127, 10826-10827.	6.6	80
131	Novel Chiral $\alpha$ -Calixsalen $\beta$ -Macrocyclic and Chiral Robson-type Macrocyclic Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 232-241.	1.9	78
132	Crystal Engineered Acid-Base Complexes with 2D and 3D Hydrogen Bonding Systems Using a Bisphosphonic Acid as the Building Block. <i>Crystal Growth and Design</i> , 2005, 5, 643-649.	1.4	29
133	Effect of Crystallinity on the Intercalation of Monoamine in $\beta$ -Zirconium Phosphate Layer Structure. <i>Chemistry of Materials</i> , 2005, 17, 5606-5609.	3.2	133
134	Synthesis and characterization of metal carboxyalkylphosphonates hybrid materials. <i>Solid State Sciences</i> , 2004, 6, 479-487.	1.5	37
135	Optimizing Cs-exchange in titanosilicate with the mineral pharmacosiderite topology: framework substitution of Nb and Ge. <i>Journal of Solid State Chemistry</i> , 2004, 177, 2903-2915.	1.4	25
136	Magnetic Property Studies of Manganese $\beta$ -Phosphate Complexes.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
137	Novel Structure-Defined Chiral Bis(oxazolanyl)thiophenes for Ru-Catalyzed Asymmetric Cyclopropanation.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
138	Studies on catalytic functionality of V <sub>2</sub> O <sub>5</sub> /Nb <sub>2</sub> O <sub>5</sub> catalysts. <i>Journal of Molecular Catalysis A</i> , 2004, 216, 139-146.	4.8	24
139	Novel structure-defined chiral bis(oxazolanyl)thiophenes for Ru-catalyzed asymmetric cyclopropanation. <i>Tetrahedron Letters</i> , 2004, 45, 5649-5652.	0.7	23
140	Hydrothermal syntheses, characterizations and crystal structures of a new lead(II) carboxylate-phosphonate with a double layer structure and a new nickel(II) carboxylate-phosphonate containing a hydrogen-bonded 2D layer with intercalation of ethylenediamines. <i>Journal of Solid State Chemistry</i> , 2004, 177, 633-641.	1.4	29
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