

# David C Apperley

## List of Publications by Year in Descending Order

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

203  
papers

7,285  
citations

45  
h-index

76  
g-index

210  
ext. papers

7,911  
ext. citations

5.5  
avg, IF

5.59  
L-index

#	Paper	IF	Citations
203	Characterization of and Structural Insight into Struvite-K, MgKPO <sub>3</sub> ·6H <sub>2</sub> O, an Analogue of Struvite. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 195-205	5.1	6
202	Alkali Metal Salts of 10,12-Pentacosadiynoic Acid and Their Dosimetry Applications. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 2416-2422	3.5	2
201	Conversion of levulinic acid to levulinate ester biofuels by heterogeneous catalysts in the presence of acetals and ketals. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 293, 120219	21.8	10
200	Symmetry and the Role of the Anion Sublattice in Aurivillius Oxyfluoride BiTiOF. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 14105-14115	5.1	1
199	Pharmaceutical organic salt: Disordered crystal structure of levofloxacin with Resorcylic acid. <i>European Journal of Chemistry</i> , <b>2021</b> , 12, 323-328	0.6	0
198	Thermal Evolution of Natural Layered Double Hydroxides: Insight from Quintinite, Hydrotalcite, Stichtite, and Iowaite as Reference Samples for CO <sub>3</sub> <sup>-</sup> and Cl-Members of the Hydrotalcite Supergroup. <i>Minerals (Basel, Switzerland)</i> , <b>2020</b> , 10, 961	2.4	5
197	A One-Pot Divergent Sequence to Pyrazole and Quinoline Derivatives. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
196	Tweaking the Charge Transfer: Bonding Analysis of Bismuth(III) Complexes with a Flexidentate Phosphane Ligand. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8916-8924	5.1	7
195	Framework Effects on Activation and Functionalisation of Methane in Zinc-Exchanged Zeolites. <i>ChemPhysChem</i> , <b>2020</b> , 21, 673-679	3.2	9
194	The crystal engineering of radiation-sensitive diacetylene cocrystals and salts. <i>Chemical Science</i> , <b>2020</b> , 11, 8025-8035	9.4	15
193	The influence of intrapore cation on the fluorination of zeolite Y. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 307, 110470	5.3	1
192	Weak Pnictogen Bond with Bismuth: Experimental Evidence Based on Bi-P Through-Space Coupling. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 4017-4024	4.8	29
191	Temperature-Dependent Structural Properties, Phase Transition Behavior, and Dynamic Properties of a Benzene Derivative in the Solid State. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 2155-2162	3.5	0
190	Enhancing the Efficiency of a Dye-Sensitized Solar Cell Based on a Metal Oxide Nanocomposite Gel Polymer Electrolyte. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 30185-30196	9.5	23
189	New Insight into Mixing Fluoride and Chloride in Bioactive Silicate Glasses. <i>Scientific Reports</i> , <b>2018</b> , 8, 1316	4.9	8
188	A Molecular Budget for a Peatland Based Upon <sup>13</sup> C Solid-State Nuclear Magnetic Resonance. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2018</b> , 123, 547-560	3.7	6
187	The Role of Catalyst Support, Diluent and Co-Catalyst in Chromium-Mediated Heterogeneous Ethylene Trimerisation. <i>Topics in Catalysis</i> , <b>2018</b> , 61, 213-224	2.3	6

186	Solid state C NMR spectroscopy provides direct evidence for reaction between ethinyl estradiol and a silicone elastomer vaginal ring drug delivery system. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 548, 689-697	6.5	10
185	Dynamics of Charcoal Alteration in a Tropical Biome: A Biochar-Based Study. <i>Frontiers in Earth Science</i> , <b>2018</b> , 6,	3.5	6
184	Tin and Lead Phosphanido Complexes: Reactivity with Chalcogens. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 14831-14841	4.6	6
183	Stray-field NMR diffusion q-space diffraction imaging of monodisperse coarsening foams. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 476, 20-28	9.3	1
182	Characterising the role of water in sildenafil citrate by NMR crystallography. <i>CrystEngComm</i> , <b>2016</b> , 18, 1054-1063	3.3	19
181	Characterization of Two Distinct Amorphous Forms of Valsartan by Solid-State NMR. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 211-22	5.6	25
180	Dehydrative Etherification Reactions of Glycerol with Alcohols Catalyzed by Recyclable Nanoporous Aluminosilicates: Telescoped Routes to Glyceryl Ethers. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2016</b> , 4, 835-843	8.3	13
179	High performance aliphatic-heterocyclic benzyl-quaternary ammonium radiation-grafted anion-exchange membranes. <i>Energy and Environmental Science</i> , <b>2016</b> , 9, 3724-3735	35.4	173
178	Understanding the structure directing action of copper polyamine complexes in the direct synthesis of Cu-SAPO-34 and Cu-SAPO-18 catalysts for the selective catalytic reduction of NO with NH <sub>3</sub> . <i>Microporous and Mesoporous Materials</i> , <b>2015</b> , 215, 154-167	5.3	18
177	Exploiting Powder X-ray Diffraction to Establish the Solvent-Assisted Solid-State Supramolecular Assembly of Pillar[5]quinone. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 1583-1587	3.5	11
176	Synthesis, Structure, and Reactivity of Anionic sp <sup>(2)</sup> -sp <sup>(3)</sup> Diboron Compounds: Readily Accessible Boryl Nucleophiles. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 7082-98	4.8	145
175	Na <sup>(+)</sup> mobility in sodium strontium silicate fast ion conductors. <i>Chemical Communications</i> , <b>2015</b> , 51, 17163-17165	3.85	15
174	Synthesis and Properties of Hydrogen-Free Detonation Diamond. <i>Propellants, Explosives, Pyrotechnics</i> , <b>2015</b> , 40, 39-45	1.7	15
173	Identification of the hydrate gel phases present in phosphate-modified calcium aluminate binders. <i>Cement and Concrete Research</i> , <b>2015</b> , 70, 21-28	10.3	26
172	Nanoporous alumino- and borosilicate-mediated Meinwald rearrangement of epoxides. <i>Applied Catalysis A: General</i> , <b>2015</b> , 493, 17-24	5.1	13
171	Crystal polymorphs of barbital: news about a classic polymorphic system. <i>Molecular Pharmaceutics</i> , <b>2014</b> , 11, 338-50	5.6	24
170	One-pot two-step mechanochemical synthesis: ligand and complex preparation without isolating intermediates. <i>Green Chemistry</i> , <b>2014</b> , 16, 1374-1382	10	92
169	Complex thermal expansion properties in a molecular honeycomb lattice. <i>Chemical Communications</i> , <b>2014</b> , 50, 7601-3	5.8	7

168	Nanoporous Aluminosilicate-Mediated Synthesis of Ethers by a Dehydrative Etherification Approach. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2014</b> , 2, 860-866	8.3	10
167	Characterisation of Ba(OH) <sub>2</sub> ·Na <sub>2</sub> SO <sub>4</sub> ·blast furnace slag cement-like composites for the immobilisation of sulfate bearing nuclear wastes. <i>Cement and Concrete Research</i> , <b>2014</b> , 66, 64-74	10.3	20
166	New solvates of an old drug compound (phenobarbital): structure and stability. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 3267-80	3.4	23
165	The efficiency of charcoal decontamination for radiocarbon dating by three pre-treatments □ ABOX, ABA and hypy. <i>Quaternary Geochronology</i> , <b>2014</b> , 22, 25-32	2.7	43
164	Investigations into the conversion of ethanol to 1,3-butadiene using MgO:SiO <sub>2</sub> supported catalysts. <i>Catalysis Communications</i> , <b>2014</b> , 49, 25-28	3.2	63
163	The effect of uranium oxide additions on the structure of alkali borosilicate glasses. <i>Journal of Non-Crystalline Solids</i> , <b>2013</b> , 378, 282-289	3.9	13
162	Structure of cellulose microfibrils in primary cell walls from collenchyma. <i>Plant Physiology</i> , <b>2013</b> , 161, 465-76	6.6	216
161	NMR characterisation of dynamics in solvates and desolvates of formoterol fumarate. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 6422-30	3.6	22
160	Catalyst-free synthesis of sodium amide nanoparticles encapsulated in silica gel. <i>Chemical Physics</i> , <b>2013</b> , 427, 61-65	2.3	3
159	The alkali stability of radiation-grafted anion-exchange membranes containing pendent 1-benzyl-2,3-dimethylimidazolium head-groups. <i>RSC Advances</i> , <b>2013</b> , 3, 579-587	3.7	66
158	Computation of magnetic shielding to simultaneously validate a crystal structure and assign a solid-state NMR spectrum. <i>Journal of Molecular Structure</i> , <b>2012</b> , 1015, 192-201	3.4	21
157	Effect of Ga incorporation on the structure and Li ion conductivity of La <sub>3</sub> Zr <sub>2</sub> Li <sub>7</sub> O <sub>12</sub> . <i>Dalton Transactions</i> , <b>2012</b> , 41, 12048-53	4.3	76
156	Synthesis and characterization of a rhodium(I) alkane complex in the solid state. <i>Science</i> , <b>2012</b> , 337, 1648-51	33.3	113
155	Nanoporous aluminosilicate mediated transacetalization reactions: application in glycerol valorization. <i>Catalysis Science and Technology</i> , <b>2012</b> , 2, 2258	5.5	12
154	Spectroscopic and structural characterization of the CyNHC adduct of B <sub>2</sub> pin <sub>2</sub> in solution and in the solid state. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 785-9	4.2	111
153	Group 14 metal terminal phosphides: correlating structure with  J(MP) . <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 9403-15	5.1	31
152	Synthesis, crystallization and characterization of diastereomeric salts formed by ephedrine and malic acid in water. <i>Chemical Engineering Science</i> , <b>2012</b> , 77, 47-56	4.4	12
151	NMR characterisation of structure in solvates and polymorphs of formoterol fumarate. <i>Magnetic Resonance in Chemistry</i> , <b>2012</b> , 50, 680-90	2.1	13

150	Efficient, Scalable, and Solvent-free Mechanochemical Synthesis of the OLED Material Alq3 (q = 8-Hydroxyquinolate). <i>Crystal Growth and Design</i> , <b>2012</b> , 12, 5869-5872	3.5	44
149	Synthesis and characterization of proton conducting oxyanion doped Ba2Sc2O5. <i>Dalton Transactions</i> , <b>2012</b> , 41, 261-6	4.3	18
148	Solid-State NMR: Basic Principles & Practice <b>2012</b> ,		108
147	Structure Determination from Powder X-ray Diffraction Data of a New Polymorph of a High-Density Organic Hydrate Material, with an Assessment of Hydrogen-Bond Disorder by Rietveld Refinement. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 5192-5199	3.5	15
146	Oxyanion doping strategies to enhance the ionic conductivity in Ba2In2O5. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 874-879		54
145	Variability in oxidative degradation of charcoal: Influence of production conditions and environmental exposure. <i>Geochimica Et Cosmochimica Acta</i> , <b>2011</b> , 75, 2361-2378	5.5	89
144	Alkaline ionomer with tuneable water uptakes for electrochemical energy technologies. <i>Energy and Environmental Science</i> , <b>2011</b> , 4, 4925	35.4	34
143	An investigation of the nature and reactivity of the carbonaceous species deposited on mordenite by reaction with methanol. <i>Catalysis Science and Technology</i> , <b>2011</b> , 1, 932	5.5	8
142	NMR crystallography of three polymorphs of phenobarbital. <i>Canadian Journal of Chemistry</i> , <b>2011</b> , 89, 770-778	0.9	22
141	Investigations into the conversion of ethanol into 1,3-butadiene. <i>Catalysis Science and Technology</i> , <b>2011</b> , 1, 267	5.5	115
140	Nanostructure of cellulose microfibrils in spruce wood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, E1195-203	11.5	496
139	Direct structure elucidation by powder X-ray diffraction of a metal-organic framework material prepared by solvent-free grinding. <i>Chemical Communications</i> , <b>2010</b> , 46, 7572-4	5.8	95
138	Silicon Doping in Ba2In2O5: Example of a Beneficial Effect of Silicon Incorporation on Oxide Ion/Proton Conductivity. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 5945-5948	9.6	34
137	Structural Features, Phase Relationships and Transformation Behavior of the Polymorphs of Phenobarbital. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 302-313	3.5	46
136	Molecular Modeling, Multinuclear NMR, and Diffraction Studies in the Templated Synthesis and Characterization of the Aluminophosphate Molecular Sieve STA-2. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 12698-12710	3.8	38
135	Assessment of oxygen plasma ashing as a pre-treatment for radiocarbon dating. <i>Quaternary Geochronology</i> , <b>2010</b> , 5, 435-442	2.7	14
134	Speciation of chloroindate(III) ionic liquids. <i>Dalton Transactions</i> , <b>2010</b> , 39, 8679-87	4.3	40
133	Zinc(II) silsesquioxane complexes and their application for the ring-opening polymerization of rac-lactide. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 10232-4	5.1	50

132	High Reactivity of Metal-Organic Frameworks under Grinding Conditions: Parallels with Organic Molecular Materials. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 4008-4011	3.6	38
131	Exploiting Non-Innocent Ligands to Prepare Masked Palladium(0) Complexes. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 7194-7198	3.6	6
130	High reactivity of metal-organic frameworks under grinding conditions: parallels with organic molecular materials. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 3916-9	16.4	163
129	Exploiting non-innocent ligands to prepare masked palladium(0) complexes. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 7040-4	16.4	26
128	Cu(II) homogeneous and heterogeneous catalysts for the asymmetric Henry reaction. <i>Journal of Molecular Catalysis A</i> , <b>2010</b> , 325, 8-14		34
127	Synthesis of nanoporous aluminosilicate materials and their application as highly selective heterogeneous catalysts for the synthesis of amino alcohols. <i>Journal of Molecular Catalysis A</i> , <b>2010</b> , 329, 57-63		31
126	Zinc(II) Homogeneous and Heterogeneous Species and Their Application for the Ring-Opening Polymerisation of rac-Lactide. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 635-642	2.3	83
125	From cyclic iminophosphoranes to pi-conjugated materials. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 9109-13	16.4	10
124	Synthesis and catalytic activity of nanoporous aluminosilicate materials. <i>Journal of Molecular Catalysis A</i> , <b>2009</b> , 314, 10-14		21
123	Synthesis and characterization of zeotype ANA framework by hydrothermal reaction of natural clinker. <i>Fuel</i> , <b>2009</b> , 88, 272-281	7.1	25
122	Formation of apatite oxynitrides by the reaction between apatite-type oxide ion conductors, $\text{La}_{8+x}\text{Sr}_{2-x}(\text{Si/Ge})_6\text{O}_{26+x/2}$ , and ammonia. <i>Journal of Solid State Chemistry</i> , <b>2009</b> , 182, 3294-3298	3.3	13
121	Bridging M-Cl bonds with ambiphilic phosphine-borane ligands. <i>Chemistry - an Asian Journal</i> , <b>2009</b> , 4, 428-35	4.5	47
120	Superbasicity of a bis-guanidino compound with a flexible linker: a theoretical and experimental study. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 16858-68	16.4	72
119	An efficient method for $^{15}\text{N}$ -labeling of chitin in fungi. <i>Biomacromolecules</i> , <b>2009</b> , 10, 793-7	6.9	9
118	Silicoaluminophosphate Molecular Sieves STA-7 and STA-14 and Their Structure-Dependent Catalytic Performance in the Conversion of Methanol to Olefins. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 15731-15741	3.8	37
117	Preparation of high-oxygen-content apatite silicates through Ti-doping: effect of Ti-doping on the oxide ion conductivity. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 5003		14
116	The influence of humidity on the protective performance of a membrane based on poly(vinyl alcohol). <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 7897		4
115	An investigation of the high temperature reaction between the apatite oxide ion conductor $\text{La}_{9.33}\text{Si}_6\text{O}_{26}$ and $\text{NH}_3$ . <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 749-754		20

114	Tetravalent metal complexation by Keggin and lacunary phosphomolybdate anions. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 5787-98	5.1	36
113	Chemoenzymatic synthesis of chiral 4,4'-bipyridyls and their metal-organic frameworks. <i>Chemical Communications</i> , <b>2008</b> , 5538-40	5.8	44
112	Heterogeneous catalysts for the controlled ring-opening polymerisation of rac-lactide and homogeneous silsesquioxane model complexes. <i>Dalton Transactions</i> , <b>2008</b> , 3655-7	4.3	20
111	Cleavage of Ru <sub>3</sub> (CO) <sub>12</sub> by N-Heterocyclic Carbenes: Isolation of cis- and trans-Ru(NHC) <sub>2</sub> (CO) <sub>3</sub> and Reaction with O <sub>2</sub> To Form Ru(NHC) <sub>2</sub> (CO) <sub>2</sub> (CO <sub>3</sub> ). <i>Organometallics</i> , <b>2008</b> , 27, 100-108	3.8	53
110	Nanoheterogeneity of a Polymer Blend and the Effect of Humidity as Characterized by Solid-State NMR. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 287-293	9.6	3
109	Influence of production variables and starting material on charcoal stable isotopic and molecular characteristics. <i>Geochimica Et Cosmochimica Acta</i> , <b>2008</b> , 72, 6090-6102	5.5	70
108	Effect of oxygen content on the <sup>29</sup> Si NMR, Raman spectra and oxide ion conductivity of the apatite series, La <sub>8+x</sub> Sr <sub>2-x</sub> (SiO <sub>4</sub> ) <sub>6</sub> O <sub>2+x/2</sub> . <i>Dalton Transactions</i> , <b>2008</b> , 5296-301	4.3	57
107	Conformational Polymorphism in Oxybuprocaine Hydrochloride. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 44-56	3.5	34
106	A truly multifunctional heterocycle: iminophosphorane, N,P chelate, and dihydropyridine. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 8674-7	16.4	10
105	Synthesis and structural characterisation of the Li ion conducting garnet-related systems, Li <sub>6</sub> Al <sub>2</sub> Nb <sub>2</sub> O <sub>12</sub> (A=Ca, Sr). <i>Solid State Ionics</i> , <b>2008</b> , 179, 1693-1696	3.3	38
104	Poly(ethylene-co-tetrafluoroethylene)-Derived Radiation-Grafted Anion-Exchange Membrane with Properties Specifically Tailored for Application in Metal-Cation-Free Alkaline Polymer Electrolyte Fuel Cells. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 2686-2693	9.6	334
103	Grain boundaries and the influence of the ionophilic/ophobic balance on <sup>7</sup> Li and <sup>19</sup> F NMR and conductivity in low-dimensional polymer electrolytes with lithium tetrafluoroborate. <i>Electrochimica Acta</i> , <b>2007</b> , 53, 1444-1454	6.7	4
102	A study of the chemistry of isomorphous substitution and characterization of Al-ZSM-5 and Sc-ZSM-5 synthesized in fluoride media. <i>Inorganic Materials</i> , <b>2007</b> , 43, 758-769	0.9	9
101	Microfibril diameter in celery collenchyma cellulose: X-ray scattering and NMR evidence. <i>Cellulose</i> , <b>2007</b> , 14, 235-246	5.5	100
100	Spatial relationships between polymers in Sitka spruce: Proton spin-diffusion studies. <i>Holzforschung</i> , <b>2006</b> , 60, 665-673	2	21
99	Concise syntheses of tridentate PNE ligands and their coordination chemistry with palladium(II) : a solution- and solid-state study. <i>Dalton Transactions</i> , <b>2006</b> , 4134-45	4.3	14
98	The composition of nanoparticulate mackinawite, tetragonal iron(II) monosulfide. <i>Chemical Geology</i> , <b>2006</b> , 235, 286-298	4.2	73
97	Solid state <sup>29</sup> Si NMR studies of apatite-type oxide ion conductors. <i>Journal of Materials Chemistry</i> , <b>2006</b> , 16, 1410		103

96	Surface analysis of novel hydroxyapatite bioceramics containing titanium(IV) and fluoride. <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 1626		15
95	Groth® Original Concomitant Polymorphs Revisited. <i>Crystal Growth and Design</i> , <b>2005</b> , 5, 2197-2209	3.5	39
94	Trivalent lanthanide lacunary phosphomolybdate complexes: a structural and spectroscopic study across the series [Ln(PMo <sub>11</sub> O <sub>39</sub> ) <sub>2</sub> ] <sup>11-</sup> . <i>Dalton Transactions</i> , <b>2005</b> , 1256-62	4.3	48
93	Solid state dehydration processes: mechanism of water loss from crystalline inosine dihydrate. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 5341-7	3.4	20
92	Structural Studies of the Polymorphs of Carbamazepine, Its Dihydrate, and Two Solvates. <i>Organic Process Research and Development</i> , <b>2005</b> , 9, 902-910	3.9	107
91	Conformation and mobility of the arabinan and galactan side-chains of pectin. <i>Phytochemistry</i> , <b>2005</b> , 66, 1817-24	4	57
90	High lithium conductivities in weakly-ionophilic low-dimensional block copolymer electrolytes. <i>Electrochimica Acta</i> , <b>2005</b> , 50, 3815-3826	6.7	9
89	A solid-state NMR study of molecular mobility and phase separation in co-spray-dried protein-sugar particles. <i>European Journal of Pharmaceutical Sciences</i> , <b>2005</b> , 25, 105-12	5.1	25
88	Nuclear magnetic resonance investigation of the interaction of water vapor with sildenafil citrate in the solid state. <i>Journal of Pharmaceutical Sciences</i> , <b>2005</b> , 94, 516-23	3.9	31
87	Studies on the crystallinity of a pharmaceutical development drug substance. <i>Journal of Pharmaceutical Sciences</i> , <b>2005</b> , 94, 1321-35	3.9	40
86	Characterisation of indomethacin and nifedipine using variable-temperature solid-state NMR. <i>Magnetic Resonance in Chemistry</i> , <b>2005</b> , 43, 881-92	2.1	56
85	Solid-state <sup>109</sup> Ag CP/MAS NMR spectroscopy of some diammine silver(I) complexes. <i>Magnetic Resonance in Chemistry</i> , <b>2004</b> , 42, 819-26	2.1	20
84	Solid-state NMR studies of some tin(II) compounds. <i>Solid State Nuclear Magnetic Resonance</i> , <b>2004</b> , 26, 160-71	3.1	19
83	Oxygen/nitrogen ordering in lanthanum new phase (La <sub>3</sub> Si <sub>8</sub> N <sub>11</sub> O <sub>4</sub> ). <i>Journal of Solid State Chemistry</i> , <b>2004</b> , 177, 2530-2533	3.3	7
82	Silicon/aluminum and oxygen/nitrogen ordering in lanthanum U $\beta$ phase (La <sub>3</sub> Si <sub>3</sub> Al <sub>3</sub> O <sub>12</sub> N <sub>2</sub> ). <i>Journal of Solid State Chemistry</i> , <b>2004</b> , 177, 2928-2932	3.3	1
81	Structural details of crystalline cellulose from higher plants. <i>Biomacromolecules</i> , <b>2004</b> , 5, 1333-9	6.9	159
80	Quantitative nuclear magnetic resonance analysis of solid formoterol fumarate and its dihydrate. <i>Journal of Pharmaceutical Sciences</i> , <b>2003</b> , 92, 2487-94	3.9	22
79	Unusually structured organolanthanoid(III) dimers with two chiral, but not strictly equivalent, nitrogen-functionalized alkoxide bridges. <i>Coordination Chemistry Reviews</i> , <b>2003</b> , 242, 15-31	23.2	7



78	Fluorine-19 solid-state NMR investigation of regiodefactive semicrystalline Poly(vinylidene fluoride). <i>Polymer</i> , <b>2003</b> , 44, 643-651	3.9	24
77	Conformational features of crystal-surface cellulose from higher plants. <i>Plant Journal</i> , <b>2002</b> , 30, 721-31	6.9	140
76	Structure of cellulose-deficient secondary cell walls from the <i>irx3</i> mutant of <i>Arabidopsis thaliana</i> . <i>Phytochemistry</i> , <b>2002</b> , 61, 7-14	4	40
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62	Structural Disorder in Solid-Iodotoluene. <i>Journal of Solid State Chemistry</i> , <b>1999</b> , 143, 285-295	3.3	7
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