

Gregor Mali

List of Publications by Year in descending order

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136
papers

4,469
citations

101543

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docs citations

143
times ranked

5664
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanochemically Synthesised Flexible Electrodes Based on Bimetallic Metal-Organic Framework Classes for the Oxygen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	41
2	Metal-biomolecule frameworks (BioMOFs): a novel approach for green-optoelectronic applications. <i>Chemical Communications</i> , 2022, 58, 677-680.	4.1	7
3	Study of Water Adsorption on EDTA-Modified LTA Zeolites. <i>Nanomaterials</i> , 2022, 12, 1352.	4.1	4
4	Insight into the interdependence of Ni and Al in bifunctional Ni/ZSM-5 catalysts at the nanoscale. <i>Nanoscale Advances</i> , 2022, 4, 2321-2331.	4.6	3
5	Polythiacalixarene-Embedded Gold Nanoparticles for Visible-Light-Driven Photocatalytic CO ₂ Reduction. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 30796-30801.	8.0	8
6	Nanostructured Poly(hydroquinonyl-benzoquinonyl sulfide)/Multiwalled Carbon Nanotube Composite Cathodes: Improved Synthesis and Performance for Rechargeable Li and Mg Organic Batteries. <i>Chemistry of Materials</i> , 2022, 34, 6378-6388.	6.7	3
7	Tailoring microstructural, textural and thermal properties of γ -alumina by modifying aluminum sec-butoxide with ethyl acetoacetate within a sol-gel synthesis. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 148, 109783.	4.0	3
8	Metal-doped carbons from polyurea-crosslinked alginate aerogel beads. <i>Materials Advances</i> , 2021, 2, 2684-2699.	5.4	16
9	Quenchable Porous High-Temperature Polymorph of Sodium Imidazolate, Nalm. <i>Crystal Growth and Design</i> , 2021, 21, 770-778.	3.0	2
10	Hyperfine Coupling Constants in Cu-Based Crystalline Compounds: Solid-State NMR Spectroscopy and First-Principles Calculations with Isolated-Cluster and Extended Periodic-Lattice Models. <i>Journal of Physical Chemistry C</i> , 2021, 125, 4655-4664.	3.1	6
11	Bone diagenesis in the medieval cemetery of Vratislavs Palace in Prague. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	1.8	4
12	Technical Note: Post-burial alteration of bones: Quantitative characterization with solid-state ¹ H MAS NMR. <i>Forensic Science International</i> , 2021, 323, 110783.	2.2	0
13	Scalable Mechanochemical Amorphization of Bimetallic Cu-Zn MOF-74 Catalyst for Selective CO ₂ Reduction Reaction to Methanol. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3070-3077.	8.0	84
14	Liquid-phase sintering of lead halide perovskites and metal-organic framework glasses. <i>Science</i> , 2021, 374, 621-625.	12.6	137
15	Successive Vapor-Phase Guerbet Condensation of Ethanol and 1-Butanol to 2-Ethyl-1-hexanol over Hydroxyapatite Catalysts in a Flow Reactor. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 17289-17300.	6.7	8
16	The boundary lipid around DMPC-spanning influenza A M2 transmembrane domain channels: Its structure and potential for drug accommodation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183156.	2.6	4
17	Effects of a Mixed O/F Ligand in the Tavorite-Type LiVPO ₄ O Structure. <i>Chemistry of Materials</i> , 2020, 32, 262-272.	6.7	3
18	Selective defunctionalization of citric acid to tricarballic acid as a precursor for the production of high-value plasticizers. <i>Green Chemistry</i> , 2020, 22, 7812-7822.	9.0	10

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19	Bone diagenesis in the loess deposits of Central Europe: the Celtic site of Radovesice in Bohemia. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	4
20	Shape-selective C-H activation of aromatics to biaryl compounds using molecular palladium in zeolites. <i>Nature Catalysis</i> , 2020, 3, 1002-1009.	34.4	41
21	Superoxide formation in Li ₂ VO ₂ F cathode material – a combined computational and experimental investigation of anionic redox activity. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16551-16559.	10.3	18
22	Innentitelbild: Highly Selective Removal of Perfluorinated Contaminants by Adsorption on Al-Silica Zeolite Beta (<i>Angew. Chem.</i> 33/2020). <i>Angewandte Chemie</i> , 2020, 132, 13770-13770.	2.0	1
23	Design of Effective Catalysts Based on ZnLaZrSi Oxide Systems for Obtaining 1,3-Butadiene from Aqueous Ethanol. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16600-16611.	6.7	27
24	Highly Selective Removal of Perfluorinated Contaminants by Adsorption on Al-Silica Zeolite Beta. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14086-14090.	13.8	60
25	Highly Selective Removal of Perfluorinated Contaminants by Adsorption on Al-Silica Zeolite Beta. <i>Angewandte Chemie</i> , 2020, 132, 14190-14194.	2.0	21
26	Ceramic synthesis of disordered lithium rich oxyfluoride materials. <i>Journal of Power Sources</i> , 2020, 467, 228230.	7.8	7
27	Halogenated Metal-Organic Framework Glasses and Liquids. <i>Journal of the American Chemical Society</i> , 2020, 142, 3880-3890.	13.7	83
28	S,O-Functionalized Metal-Organic Frameworks as Heterogeneous Single-Site Catalysts for the Oxidative Alkenylation of Arenes via C-H activation. <i>ACS Catalysis</i> , 2020, 10, 5077-5085.	11.2	45
29	Study of water adsorption on EDTA dealuminated zeolite Y. <i>Microporous and Mesoporous Materials</i> , 2020, 302, 110208.	4.4	13
30	Mechanically Strong Polyurea/Polyurethane-Cross-Linked Alginate Aerogels. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1974-1988.	4.4	32
31	Impact of dehydration and mechanical amorphization on the magnetic properties of Ni(<i>scp</i>) ₂ -MOF-74. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7132-7142.	5.5	21
32	Unexpected linker-dependent Brønsted acidity in the (Zr)UiO-66 metal organic framework and application to biomass valorization. <i>Catalysis Science and Technology</i> , 2020, 10, 4002-4009.	4.1	25
33	Polyurea-crosslinked biopolymer aerogel beads. <i>RSC Advances</i> , 2020, 10, 40843-40852.	3.6	25
34	Design of Ti-Beta zeolites with high Ti loading and tuning of their hydrophobic/hydrophilic character. <i>Microporous and Mesoporous Materials</i> , 2019, 288, 109588.	4.4	23
35	Metal-organic framework crystal-glass composites. <i>Nature Communications</i> , 2019, 10, 2580.	12.8	97
36	A Titanium(IV)-Based Metal-Organic Framework Featuring Defect-Rich TiO ₂ Sheets as an Oxidative Desulfurization Catalyst. <i>Angewandte Chemie</i> , 2019, 131, 9258-9263.	2.0	37

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37	A Titanium(IV)-Based Metal-Organic Framework Featuring Defect-Rich TiO ₂ Sheets as an Oxidative Desulfurization Catalyst. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9160-9165.	13.8	99
38	Unraveling the Arrangement of Al and Fe within the Framework Explains the Magnetism of Mixed-Metal MIL-100(Al,Fe). <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1464-1470.	4.6	26
39	Drug-Membrane Interactions in the Renin Angiotensin System. <i>Series in Bioengineering</i> , 2019, , 339-364.	0.6	1
40	Eumelanin Graphene-Like Integration: The Impact on Physical Properties and Electrical Conductivity. <i>Frontiers in Chemistry</i> , 2019, 7, 121.	3.6	14
41	Layered Zn ₂ [Co(CN) ₆](CH ₃ COO) double metal cyanide: a two-dimensional DMC phase with excellent catalytic performance. <i>Chemical Science</i> , 2019, 10, 4868-4875.	7.4	24
42	Active Role of Methanol in Post-Synthetic Linker Exchange in the Metal-Organic Framework UiO-66. <i>Chemistry of Materials</i> , 2019, 31, 1359-1369.	6.7	43
43	Multinuclear Magnetic Resonance Study on Aluminium Sec-butoxide Chelated with Ethyl Acetoacetate in Various Amounts. <i>Croatica Chemica Acta</i> , 2019, 92, 17-28.	0.4	4
44	Catalytic activity of SnO ₂ - and SO ₄ /SnO ₂ -containing clinoptilolite in the esterification of levulinic acid. <i>Microporous and Mesoporous Materials</i> , 2019, 279, 10-18.	4.4	24
45	A metal-organic framework with ultrahigh glass-forming ability. <i>Science Advances</i> , 2018, 4, eaao6827.	10.3	196
46	Structural investigations in pure-silica and Al-ZSM-12 with MTEA or TEA cations. <i>Microporous and Mesoporous Materials</i> , 2018, 263, 236-242.	4.4	3
47	5. Characterization methods. , 2018, , 261-408.		0
48	Metal-organic framework glasses with permanent accessible porosity. <i>Nature Communications</i> , 2018, 9, 5042.	12.8	147
49	Comparative Perturbation Effects Exerted by the Influenza A M2 WT Protein Inhibitors Amantadine and the Spiro[pyrrolidine-2,2'-adamantane] Variant AK13 to Membrane Bilayers Studied Using Biophysical Experiments and Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9877-9895.	2.6	11
50	High-temperature stabilization of bulk amorphous Al ₂ O ₃ . <i>Journal of Non-Crystalline Solids</i> , 2018, 499, 363-370.	3.1	13
51	Iodide- π - π Interactions of Perhalogenated Quinoid Rings in Co-crystals with Organic Bases. <i>Crystal Growth and Design</i> , 2018, 18, 5182-5193.	3.0	19
52	Magnetic resonance spectroscopy approaches for electrochemical research. <i>Physical Sciences Reviews</i> , 2018, 3, .	0.8	1
53	Efficient solid acid catalysts based on sulfated tin oxides for liquid phase esterification of levulinic acid with ethanol. <i>Applied Catalysis A: General</i> , 2018, 560, 119-131.	4.3	37
54	Eu ³⁺ -Doped Y ₃ X ₅ Nd _x Al ₃ O ₁₂ garnet: synthesis and structural investigation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 3729-3737.	2.8	14

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55	Superior Performance of Microporous Aluminophosphate with LTA Topology in Solar Energy Storage and Heat Reallocation. <i>Advanced Energy Materials</i> , 2017, 7, 1601815.	19.5	86
56	Investigation of amorphous and crystalline phosphates in magnesium phosphate ceramics with solid-state ¹ H and ³¹ P NMR spectroscopy. <i>Ceramics International</i> , 2017, 43, 6571-6579.	4.8	31
57	Exploring the interactions of irbesartan and irbesartan- β -2-hydroxypropyl- β -cyclodextrin complex with model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1089-1098.	2.6	26
58	Growth mechanism and structure of electrochemically synthesized dendritic polymethylsilane molecules. <i>European Polymer Journal</i> , 2017, 90, 162-170.	5.4	5
59	Improved resolution and simplification of the spin-diffusion-based NMR method for the structural analysis of mixed-linker MOFs. <i>Journal of Magnetic Resonance</i> , 2017, 279, 22-28.	2.1	18
60	Synthesis of L-serine modified benzene bridged periodic mesoporous organosilica and its catalytic performance towards aldol condensations. <i>Microporous and Mesoporous Materials</i> , 2017, 251, 1-8.	4.4	14
61	Zr-modified hierarchical mordenite as heterogeneous catalyst for glycerol esterification. <i>Catalysis Communications</i> , 2017, 100, 10-14.	3.3	39
62	<i>Ab initio</i> crystal structure prediction of magnesium (poly)sulfides and calculation of their NMR parameters. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 229-233.	0.5	13
63	Mechanistic Study of Magnesium-Sulfur Batteries. <i>Chemistry of Materials</i> , 2017, 29, 9555-9564.	6.7	101
64	Tackling the Defect Conundrum in UiO-66: A Mixed-Linker Approach to Engineering Missing Linker Defects. <i>Chemistry of Materials</i> , 2017, 29, 10478-10486.	6.7	102
65	Copolymerization of Norbornene and Norbornadiene Using a cis-Selective Bimetallic W-Based Catalytic System. <i>Polymers</i> , 2017, 9, 141.	4.5	10
66	Poly(hydroquinoyl-benzoquinonyl sulfide) as an active material in Mg and Li organic batteries. <i>Electrochemistry Communications</i> , 2016, 69, 1-5.	4.7	54
67	Post-synthesis bromination of benzene bridged PMO as a way to create a high potential hybrid material. <i>Microporous and Mesoporous Materials</i> , 2016, 236, 244-249.	4.4	9
68	Histidine adsorption on nanostructured cerium oxide. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2016, 212, 28-33.	1.7	4
69	Stable Crystalline Forms of Na Polysulfides: Experiment versus <i>Ab Initio</i> Computational Prediction. <i>Chemistry - A European Journal</i> , 2016, 22, 3355-3360.	3.3	13
70	Quinone-formaldehyde polymer as an active material in Li-ion batteries. <i>Journal of Power Sources</i> , 2016, 315, 169-178.	7.8	43
71	Dehydration of AlPO ₄ -34 studied by variable-temperature NMR, XRD and first-principles calculations. <i>New Journal of Chemistry</i> , 2016, 40, 4178-4186.	2.8	24
72	A Simple NMR-Based Method for Studying the Spatial Distribution of Linkers within Mixed-Linker Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10535-10538.	13.8	55

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73	Comparative study of interactions of aliskiren and AT 1 receptor antagonists with lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 984-994.	2.6	10
74	Structural study of Ni- or Mg-based complexes incorporated within UiO-66-NH ₂ framework and their impact on hydrogen sorption properties. <i>Journal of Solid State Chemistry</i> , 2015, 225, 209-215.	2.9	19
75	Structural Study of Mg-Based Metal-Organic Frameworks by X-ray Diffraction, ¹ H, ¹³ C, and ²⁵ Mg Solid-State NMR Spectroscopy, and First-Principles Calculations. <i>Journal of Physical Chemistry C</i> , 2015, 119, 7831-7841.	3.1	20
76	Fluorinated Reduced Graphene Oxide as an Interlayer in Li-S Batteries. <i>Chemistry of Materials</i> , 2015, 27, 7070-7081.	6.7	124
77	X-ray Absorption Near-Edge Structure and Nuclear Magnetic Resonance Study of the Lithium-Sulfur Battery and its Components. <i>ChemPhysChem</i> , 2014, 15, 894-904.	2.1	113
78	Preparation, structure and electrochemistry of LiFeBO ₃ : a cathode material for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2060-2070.	10.3	58
79	Nitrilic acid hexahydrate, a novel benchmark system of the Zundel cation in an intrinsically asymmetric environment: spectroscopic features and hydrogen bond dynamics characterised by experimental and theoretical methods. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 998-1007.	2.8	14
80	Indomethacin Embedded into MIL-101 Frameworks: A Solid-State NMR Study. <i>Journal of Physical Chemistry C</i> , 2014, 118, 6140-6150.	3.1	26
81	Distinctive Spectral and Microscopic Features for Characterizing the Three-Dimensional Local Aluminosilicate Structure of Perlites. <i>Journal of Physical Chemistry C</i> , 2014, 118, 26649-26658.	3.1	13
82	Control of the Crystallization Process and Structure Dimensionality of Mg-Benzene-1,3,5-Tricarboxylates by Tuning Solvent Composition. <i>Crystal Growth and Design</i> , 2013, 13, 3825-3834.	3.0	47
83	Interactions of the potent synthetic AT ₁ antagonist analog BV6 with membrane bilayers and mesoporous silicate matrices. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1846-1855.	2.6	6
84	Spectroscopic Studies of Structural Dynamics Induced by Heating and Hydration: A Case of Calcium-Terephthalate Metal-Organic Framework. <i>Journal of Physical Chemistry C</i> , 2013, 117, 7552-7564.	3.1	64
85	Study of Hydrothermal Stability and Water Sorption Characteristics of 3-Dimensional Zn-Based Trimesate. <i>Journal of Physical Chemistry C</i> , 2013, 117, 14608-14617.	3.1	20
86	Structural and Dynamical Properties of Indomethacin Molecules Embedded within the Mesopores of SBA-15: A Solid-State NMR View. <i>Journal of Physical Chemistry C</i> , 2012, 116, 2662-2671.	3.1	44
87	Comparative study of the AT ₁ receptor prodrug antagonist candesartan cilexetil with other sartans on the interactions with membrane bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 3107-3120.	2.6	19
88	Electrochemically stabilised quinone based electrode composites for Li-ion batteries. <i>Journal of Power Sources</i> , 2012, 199, 308-314.	7.8	67
89	Understanding ⁶ Li MAS NMR spectra of Li ₂ MSiO ₄ materials (M=Mn, Fe, Zn). <i>Solid State Nuclear Magnetic Resonance</i> , 2012, 42, 33-41.	2.3	20
90	The phase (trans)formation and physical state of a model drug in mesoscopic confinement. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 16046.	2.8	24

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91	A Partial Proton Transfer in Hydrogen Bond O^δ-H ^{δ+} -O in Crystals of Anhydrous Potassium and Rubidium Complex Chloranilates. Journal of Physical Chemistry A, 2011, 115, 3154-3166.	2.5	23
92	Thermal, dynamic and structural properties of drug AT1 antagonist olmesartan in lipid bilayers. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2995-3006.	2.6	23
93	Polymorphism in Li ₂ (Fe,Mn)SiO ₄ : A combined diffraction and NMR study. Journal of Materials Chemistry, 2011, 21, 17823.	6.7	55
94	Li ₂ FeSiO ₄ Polymorphs Probed by ⁶ Li MAS NMR and ⁵⁷ Fe Mössbauer Spectroscopy. Chemistry of Materials, 2011, 23, 2735-2744.	6.7	65
95	Spectroscopic Investigation of Ti-Modified Aluminum-Free Zeolite-Beta Crystallization. Chemistry of Materials, 2011, 23, 1337-1346.	6.7	10
96	On the thermal degradation of 3-methylaminopropylamine captured inside the aluminum phosphate analog of ULM-3. Journal of Thermal Analysis and Calorimetry, 2010, 101, 919-924.	3.6	0
97	MnO Nanoparticles Supported on a New Mesostructured Silicate with Textural Porosity. Chemistry - A European Journal, 2010, 16, 5783-5793.	3.3	40
98	Nitrosobenzene cross-dimerization: Structural selectivity in solution and in solid state. Journal of Molecular Structure, 2010, 979, 22-26.	3.6	13
99	Structure investigation of fluorinated aluminophosphate ULM-3 Al templated by 3-methylaminopropylamine. Journal of Solid State Chemistry, 2010, 183, 1055-1062.	2.9	7
100	Aluminium triplets in dealuminated zeolites detected by ²⁷ Al NMR correlation spectroscopy. Microporous and Mesoporous Materials, 2010, 129, 100-105.	4.4	53
101	Thin films of cubic mesoporous aluminophosphates modified by silicon and manganese. Microporous and Mesoporous Materials, 2010, 135, 161-169.	4.4	11
102	⁶ Li MAS NMR spectroscopy and first-principles calculations as a combined tool for the investigation of Li ₂ MnSiO ₄ polymorphs. Chemical Communications, 2010, 46, 3306.	4.1	68
103	Functionalisation and Structure Characterisation of Porous Silicates and Aluminophosphates. , 2009, , 101-126.		3
104	A spectroscopic study of calcium aluminate gels obtained from aluminium sec-butoxide chelated with ethyl acetoacetate in various ratios. Journal of Sol-Gel Science and Technology, 2009, 50, 58-68.	2.4	18
105	Cross-dimerization of nitrosobenzenes in solution and in solid state. Journal of Molecular Structure, 2009, 918, 19-25.	3.6	25
106	Measuring distances between half-integer quadrupolar nuclei and detecting relative orientations of quadrupolar and dipolar tensors by double-quantum homonuclear dipolar recoupling nuclear magnetic resonance experiments. Journal of Chemical Physics, 2008, 128, 204503.	3.0	29
107	²⁹ Si NMR, XRD and HRTEM investigation of Ti-Beta particle formation. Studies in Surface Science and Catalysis, 2008, 174, 817-820.	1.5	0
108	On the Energetic Stability and Electrochemistry of Li ₂ MnSiO ₄ Polymorphs. Chemistry of Materials, 2008, 20, 5574-5584.	6.7	178

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109	Mesoporous Aluminophosphate Thin Films with Cubic Pore Arrangement. <i>Langmuir</i> , 2008, 24, 6220-6225.	3.5	21
110	Solid-State NMR investigation of formation of mesoporous thin films and powders. <i>Studies in Surface Science and Catalysis</i> , 2008, 174, 949-952.	1.5	4
111	Beyond One-Electron Reaction in Li Cathode Materials: Designing $\text{Li}_2\text{MnxFe}_{1-x}\text{SiO}_4$. <i>Chemistry of Materials</i> , 2007, 19, 3633-3640.	6.7	245
112	Synthesis and structural properties of titanium containing microporous/mesoporous silicate composite (Ti, Al)-Beta/MCM-48. <i>Microporous and Mesoporous Materials</i> , 2007, 99, 3-13.	4.4	24
113	Spin-locking and recoupling of homonuclear dipolar interaction between spin-3/2 nuclei under magic-angle sample spinning. <i>Journal of Magnetic Resonance</i> , 2007, 185, 318-325.	2.1	7
114	Insight into the Short-Range Structure of Amorphous Iron Inositol Hexaphosphate as Provided by ^{31}P NMR and Fe X-ray Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2006, 110, 23060-23067.	2.6	30
115	Positively charged polysilsesquioxane/iodide ionic liquid as a quasi solid-state redox electrolyte for dye-sensitized photo electrochemical cells: Infrared, ^{29}Si NMR, and electrical studies. <i>International Journal of Photoenergy</i> , 2006, 2006, 1-8.	2.5	9
116	Manganese-modified hexagonal mesoporous aluminophosphate MnHMA: Synthesis and characterization. <i>Microporous and Mesoporous Materials</i> , 2006, 96, 386-395.	4.4	14
117	Titanium containing microporous/mesoporous composite (Ti,Al)-Beta/MCM-41: Synthesis and characterization. <i>Microporous and Mesoporous Materials</i> , 2006, 95, 76-85.	4.4	23
118	Local environment of iron in the mesoporous hexagonal aluminophosphate catalyst. <i>Microporous and Mesoporous Materials</i> , 2005, 87, 52-58.	4.4	8
119	Anomalous scattering in structural chemistry and biology. <i>Crystallography Reviews</i> , 2005, 11, 245-335.	1.5	44
120	Novel Polysilsesquioxane/Ionic Electrolyte for Dye-Sensitized Photoelectrochemical Cells. <i>Journal of Physical Chemistry B</i> , 2005, 109, 14387-14395.	2.6	50
121	^{31}P NMR as a Tool for Studying Incorporation of Ni, Co, Fe, and Mn into Aluminophosphate Zeotypes. <i>Journal of Physical Chemistry B</i> , 2005, 109, 10711-10716.	2.6	39
122	Double-quantum homonuclear correlation magic angle sample spinning nuclear magnetic resonance spectroscopy of dipolar-coupled quadrupolar nuclei. <i>Journal of Chemical Physics</i> , 2004, 120, 2835-2845.	3.0	90
123	Enhancing sensitivity or resolution of homonuclear correlation experiment for half-integer quadrupolar nuclei. <i>Journal of Magnetic Resonance</i> , 2004, 171, 48-56.	2.1	27
124	Detecting proximities between quadrupolar nuclei by double-quantum NMR. <i>Chemical Communications</i> , 2004, , 868.	4.1	20
125	Solid-State NMR Study of an Open-Framework Aluminophosphate-Oxalate Hybrid. <i>Journal of Physical Chemistry B</i> , 2003, 107, 1286-1292.	2.6	9
126	New Inorganic/Organic Hybrid: Synthesis and Structural Characterization of an Alumino(oxalato)phosphate. <i>Chemistry of Materials</i> , 2003, 15, 1734-1738.	6.7	14

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127	Determination of distances between aluminum and spin-1/2 nuclei using cross polarization with very weak radio-frequency fields. <i>Journal of Chemical Physics</i> , 2002, 117, 3327-3339.	3.0	19
128	Interaction of Dipropylamine Template Molecules with the Framework of as-Synthesized AlPO ₄ -31. <i>Journal of Physical Chemistry B</i> , 2002, 106, 63-69.	2.6	17
129	Framework cobalt and manganese in MeAPO-31 (Me=Co, Mn) molecular sieves. <i>Microporous and Mesoporous Materials</i> , 2002, 55, 203-216.	4.4	31
130	²⁷ Al and ³¹ P 3QMAS/HETCOR experiment in aluminophosphate molecular sieves. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 5737-5742.	2.8	11
131	NMR Characterization and Rietveld Refinement of the Structure of Rehydrated AlPO ₄ -34. <i>Journal of Physical Chemistry B</i> , 2000, 104, 5697-5705.	2.6	99
132	spin-lattice relaxation in cobalt-containing aluminophosphate molecular sieves. <i>Solid State Nuclear Magnetic Resonance</i> , 1998, 12, 243-249.	2.3	10
133	Looking into Metal-Organic Frameworks with Solid-State NMR Spectroscopy. , 0, , .		6
134	Study of the iron(III)-modified clinoptilolite in the adsorption of phosphate from aqueous medium: mechanism and kinetics. , 0, 78, 231-240.		6
135	Mechanochemically Synthesised Flexible Electrodes based on Bimetallic Metal-Organic Framework Glasses for the Oxygen Evolution Reaction. <i>Angewandte Chemie</i> , 0, , .	2.0	7
136	The Unexpected Helical Supramolecular Assembly of a Simple Achiral Acetamide Tecton Generates Selective Water Channels. <i>Chemistry - A European Journal</i> , 0, , .	3.3	0