

Yaroslav Khimyak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7383876/publications.pdf>

Version: 2024-02-01

124
papers

11,406
citations

53751

45
h-index

27389

106
g-index

130
all docs

130
docs citations

130
times ranked

11401
citing authors

#	ARTICLE	IF	CITATIONS
1	Conjugated Microporous Poly(aryleneethynylene) Networks. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8574-8578.	7.2	1,278
2	Synthetic Control of the Pore Dimension and Surface Area in Conjugated Microporous Polymer and Copolymer Networks. <i>Journal of the American Chemical Society</i> , 2008, 130, 7710-7720.	6.6	802
3	A Water-Stable Porphyrin-Based Metal-Organic Framework Active for Visible-Light Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7440-7444.	7.2	680
4	Porous, Fluorescent, Covalent Triazine-Based Frameworks Via Room-Temperature and Microwave-Assisted Synthesis. <i>Advanced Materials</i> , 2012, 24, 2357-2361.	11.1	636
5	Hydrogen Storage in Microporous Hypercrosslinked Organic Polymer Networks. <i>Chemistry of Materials</i> , 2007, 19, 2034-2048.	3.2	618
6	Triazine-Based Graphitic Carbon Nitride: a Two-Dimensional Semiconductor. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7450-7455.	7.2	523
7	A Guest-Responsive Fluorescent 3D Microporous Metal-Organic Framework Derived from a Long-Lifetime Pyrene Core. <i>Journal of the American Chemical Society</i> , 2010, 132, 4119-4130.	6.6	456
8	An Adaptable Peptide-Based Porous Material. <i>Science</i> , 2010, 329, 1053-1057.	6.0	356
9	Functionalized Conjugated Microporous Polymers. <i>Macromolecules</i> , 2009, 42, 8809-8816.	2.2	352
10	Metal-Organic Conjugated Microporous Polymers. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1072-1075.	7.2	318
11	Framework functionalisation triggers metal complex binding. <i>Chemical Communications</i> , 2008, , 2680.	2.2	280
12	Bulk superconductivity at 38%K in a molecular system. <i>Nature Materials</i> , 2008, 7, 367-371.	13.3	276
13	Conjugated microporous poly(phenylene butadiynylene)s. <i>Chemical Communications</i> , 2008, , 486-488.	2.2	252
14	High Surface Area Conjugated Microporous Polymers: The Importance of Reaction Solvent Choice. <i>Macromolecules</i> , 2010, 43, 8524-8530.	2.2	195
15	Functional conjugated microporous polymers: from 1,3,5-benzene to 1,3,5-triazine. <i>Polymer Chemistry</i> , 2012, 3, 928.	1.9	191
16	Initial stages of propane activation over Zn/MFI catalyst studied by in situ NMR and IR spectroscopic techniques. <i>Journal of Catalysis</i> , 2006, 238, 122-133.	3.1	168
17	Microporous Poly(tri(4-ethynylphenyl)amine) Networks: Synthesis, Properties, and Atomistic Simulation. <i>Macromolecules</i> , 2009, 42, 2658-2666.	2.2	166
18	High surface area amorphous microporous poly(aryleneethynylene) networks using tetrahedral carbon- and silicon-centred monomers. <i>Chemical Communications</i> , 2009, , 212-214.	2.2	152

#	ARTICLE	IF	CITATIONS
19	Synthesis of Hierarchically Porous Silica and Metal Oxide Beads Using Emulsion-Templated Polymer Scaffolds. <i>Chemistry of Materials</i> , 2004, 16, 4245-4256.	3.2	145
20	Microporous copolymers for increased gas selectivity. <i>Polymer Chemistry</i> , 2012, 3, 2034.	1.9	140
21	Solid acid catalysts based on H ₃ PW ₁₂ O ₄₀ heteropoly acid: Acid and catalytic properties at a gas/solid interface. <i>Journal of Catalysis</i> , 2010, 276, 181-189.	3.1	138
22	Palladium Nanoparticle Incorporation in Conjugated Microporous Polymers by Supercritical Fluid Processing. <i>Chemistry of Materials</i> , 2010, 22, 557-564.	3.2	128
23	Side-chain control of porosity closure in single- and multiple-peptide-based porous materials by cooperative folding. <i>Nature Chemistry</i> , 2014, 6, 343-351.	6.6	124
24	High Surface Area Contorted Conjugated Microporous Polymers Based on Spiro-Bipropylenedioxythiophene. <i>Macromolecules</i> , 2010, 43, 7577-7582.	2.2	112
25	The coordinatively saturated vanadium MIL-47 as a low leaching heterogeneous catalyst in the oxidation of cyclohexene. <i>Journal of Catalysis</i> , 2012, 285, 196-207.	3.1	100
26	Post-synthetic modification of conjugated microporous polymers. <i>Polymer</i> , 2014, 55, 321-325.	1.8	100
27	Tuning of gallery heights in a crystalline 2D carbon nitride network. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1102-1107.	5.2	98
28	Branching out with amins: microporous organic polymers from difunctional monomers. <i>Polymer Chemistry</i> , 2012, 3, 533-537.	1.9	92
29	A Metal-Organic Framework with a Covalently Prefabricated Porous Organic Linker. <i>Journal of the American Chemical Society</i> , 2010, 132, 12773-12775.	6.6	88
30	Dimensionality Transformation through Paddlewheel Reconfiguration in a Flexible and Porous Zn-Based Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2012, 134, 20466-20478.	6.6	85
31	Amorphous Drug-PVP Dispersions: Application of Theoretical, Thermal and Spectroscopic Analytical Techniques to the Study of a Molecule With Intermolecular Bonds in Both the Crystalline and Pure Amorphous State. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 3456-3468.	1.6	83
32	Mesoporous Poly(phenylenevinylene) Networks. <i>Macromolecules</i> , 2008, 41, 1591-1593.	2.2	68
33	Network formation mechanisms in conjugated microporous polymers. <i>Polymer Chemistry</i> , 2014, 5, 6325-6333.	1.9	61
34	Reversible Hydrogen Storage in Hydrogel Clathrate Hydrates. <i>Advanced Materials</i> , 2009, 21, 2382-2386.	11.1	60
35	Effect of the Acid Activation Levels of Montmorillonite Clay on the Cetyltrimethylammonium Cations Adsorption. <i>Langmuir</i> , 2005, 21, 8717-8723.	1.6	58
36	Lessons from a Failed Experiment: Zinc Silicates with Complex Morphology by Reaction of Zinc Acetate, the Ionic Liquid Precursor (ILP) Tetrabutylammonium Hydroxide (TBAH), and Glass. <i>Materials</i> , 2008, 1, 3-24.	1.3	56

#	ARTICLE	IF	CITATIONS
37	Prediction of Hydrate and Solvate Formation Using Statistical Models. <i>Crystal Growth and Design</i> , 2016, 16, 70-81.	1.4	51
38	Solid-state NMR studies of the organic template in mesostructured aluminophosphates. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 616-626.	1.3	50
39	One-step conversion of acetone to methyl isobutyl ketone over Pd-mixed oxide catalysts prepared from novel layered double hydroxides. <i>Journal of Catalysis</i> , 2008, 258, 250-255.	3.1	49
40	Supramolecular Amino Acid Based Hydrogels: Probing the Contribution of Additive Molecules using NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2017, 23, 8014-8024.	1.7	49
41	The N-donor stabilised cyclotriphosphazene hexacation [P ₃ N ₃ (DMAP) ₆] ⁶⁺ . <i>Chemical Communications</i> , 2007, , 5152.	2.2	45
42	Reversible Methane Storage in a Polymer-Supported Semi-Clathrate Hydrate at Ambient Temperature and Pressure. <i>Chemistry of Materials</i> , 2009, 21, 3810-3815.	3.2	45
43	Synthesis of new mesostructured aluminophosphates. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 2241-2247.	1.7	44
44	Synthesis of mesostructured aluminophosphates using cationic templating. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 5275-5285.	1.3	42
45	Synthesis and characterization of a new layered compound of trimesic acid Electronic supplementary information (ESI) available: top view of the HxBTC anionic network (Fig. S1) and detailed hydrogen bond graph sets present in the interactions linking the two HxBTC sheets within a double layer (Fig.) Tj ETQq1 1 0.784314 rgBT /Over	1.4	41
46	Magnesium Borohydride Confined in a Metal-Organic Framework: A Preorganized System for Facile Arene Hydroboration. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2012-2016.	7.2	39
47	Heteropoly compounds as catalysts for hydrogenation of propanoic acid. <i>Journal of Catalysis</i> , 2008, 253, 244-252.	3.1	38
48	Hydrophobization of Cellulose Nanocrystals for Aqueous Colloidal Suspensions and Gels. <i>Biomacromolecules</i> , 2020, 21, 1812-1823.	2.6	38
49	A natural mutation in <i>Pisum sativum</i> L. (pea) alters starch assembly and improves glucose homeostasis in humans. <i>Nature Food</i> , 2020, 1, 693-704.	6.2	37
50	A homochiral three-dimensional zinc aspartate framework that displays multiple coordination modes and geometries. <i>Chemical Communications</i> , 2010, 46, 2793.	2.2	33
51	Assembly of α -Glucan by GlgE and GlgB in <i>Mycobacteria</i> and <i>Streptomyces</i> . <i>Biochemistry</i> , 2016, 55, 3270-3284.	1.2	33
52	Tunable Supramolecular Gel Properties by Varying Thermal History. <i>Chemistry - A European Journal</i> , 2019, 25, 7881-7887.	1.7	32
53	Understanding heat driven gelation of anionic cellulose nanofibrils: Combining saturation transfer difference (STD) NMR, small angle X-ray scattering (SAXS) and rheology. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 205-213.	5.0	32
54	Synthesis and Characterization of Two Novel Mesolamellar Aluminophosphates. <i>Chemistry of Materials</i> , 1998, 10, 2258-2265.	3.2	31

#	ARTICLE	IF	CITATIONS
55	Ethenylene-Bridged Periodic Mesoporous Organosilicas: From <i>E</i> to <i>Z</i> . <i>Chemistry of Materials</i> , 2009, 21, 5792-5800.	3.2	31
56	Mechanistic and Kinetic Insight into Spontaneous Cocrystallization of Isoniazid and Benzoic Acid. <i>Molecular Pharmaceutics</i> , 2015, 12, 2981-2992.	2.3	31
57	Structural Properties, Order-Disorder Phenomena, and Phase Stability of Orotic Acid Crystal Forms. <i>Molecular Pharmaceutics</i> , 2016, 13, 1012-1029.	2.3	31
58	Chemical Bonding Assembly of Multifunctional Oxide Nanocomposites. <i>Advanced Functional Materials</i> , 2010, 20, 231-238.	7.8	30
59	¹⁹ F NMR Spectroscopy as a Highly Sensitive Method for the Direct Monitoring of Confined Crystallization within Nanoporous Materials. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8904-8908.	7.2	30
60	Mechanically Robust Gels Formed from Hydrophobized Cellulose Nanocrystals. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19318-19322.	4.0	30
61	Thermosensitive supramolecular and colloidal hydrogels via self-assembly modulated by hydrophobized cellulose nanocrystals. <i>Cellulose</i> , 2019, 26, 529-542.	2.4	30
62	Substituent interference on supramolecular assembly in urea gelators: synthesis, structure prediction and NMR. <i>Soft Matter</i> , 2016, 12, 4034-4043.	1.2	29
63	Solid-State NMR Studies of MCM-41 Supported with a Highly Catalytically Active Cluster. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4726-4729.	7.2	27
64	Unravelling cationic cellulose nanofibril hydrogel structure: NMR spectroscopy and small angle neutron scattering analyses. <i>Soft Matter</i> , 2018, 14, 255-263.	1.2	27
65	Building solids inside nano-space: from confined amorphous through confined solvate to confined metastable polymorph. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24761-24773.	1.3	26
66	Synthesis and Characterization of a Novel Modular Cadmium-Organic Framework with Biphenyl-4,4'-dicarboxylate. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2823-2828.	1.0	25
67	Structural heterogeneities in starch hydrogels. <i>Carbohydrate Polymers</i> , 2020, 249, 116834.	5.1	25
68	Self-assembling, supramolecular chemistry and pharmacology of amphotericin B: Poly-aggregates, oligomers and monomers. <i>Journal of Controlled Release</i> , 2022, 341, 716-732.	4.8	24
69	Periodic Mesoporous Organosilicas with Domain Functionality: Synthesis and Advanced Characterization. <i>Chemistry of Materials</i> , 2008, 20, 3385-3397.	3.2	23
70	The Plot Thickens: Gelation by Phenylalanine in Water and Dimethyl Sulfoxide. <i>Crystal Growth and Design</i> , 2017, 17, 4100-4109.	1.4	22
71	Starch hydrogels as targeted colonic drug delivery vehicles. <i>Carbohydrate Polymers</i> , 2022, 289, 119413.	5.1	21
72	Synthesis and characterisation of mesoporous aluminophosphates containing boron supplementary information (ESI) available: thermogravimetric analysis of mesostructured BAPO, XRD patterns of Hex-2 BAPO, 27Al MAS NMR spectra of intermediate products formed during the synthesis of Hex-1 BAPO, 11B MAS NMR spectra of Hex-2 BAPO. See http://www.rsc.org/suppdata/jm/b1/b106911j/ . <i>Journal of Materials Chemistry</i> , 2002, 12, 1079-1085.	6.7	19

#	ARTICLE	IF	CITATIONS
73	Fulvic acid increases forage legume growth inducing preferential up-regulation of nodulation and signalling-related genes. <i>Journal of Experimental Botany</i> , 2020, 71, 5689-5704.	2.4	19
74	Methylaminated Potassium Fulleride, (CH ₃ NH ₂)K ₃ C ₆₀ :Â Towards Hyperexpanded Fulleride Lattices. <i>Journal of the American Chemical Society</i> , 2006, 128, 14784-14785.	6.6	18
75	Chemoenzymatic Synthesis of Fluorinated Cellodextrins Identifies a New Allomorph for Celluloseâ€like Materials**. <i>Chemistry - A European Journal</i> , 2021, 27, 1374-1382.	1.7	18
76	Octylamine-Modified Cellulose Nanocrystal-Enhanced Stabilization of Pickering Emulsions for Self-Healing Composite Coatings. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12722-12733.	4.0	18
77	Formation of mesoporous silicates using Triton XN surfactants in the presence of concentrated mineral acids. <i>Journal of Materials Chemistry</i> , 2000, 10, 1847-1855.	6.7	17
78	¹ Hâ€ ³¹ P CP/MAS NMR studies of mesostructured aluminophosphates. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 2544-2551.	1.3	16
79	Synthesis of periodic mesoporous organosilicas with incorporated aluminium. <i>Journal of Materials Chemistry</i> , 2005, 15, 4728.	6.7	16
80	Conjugated Microporous Poly(aryleneethynylene) Networks. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1167-1167.	7.2	16
81	Spectroscopic evidence of thermally induced metamorphosis in ethenylene-bridged periodic mesoporous organosilicas. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 5349.	1.3	16
82	Nanocrystallization of Rare Tolbutamide Form V in Mesoporous MCM-41 Silica. <i>Molecular Pharmaceutics</i> , 2018, 15, 4926-4932.	2.3	16
83	Surfactant controlled zwitterionic cellulose nanofibril dispersions. <i>Soft Matter</i> , 2018, 14, 7793-7800.	1.2	16
84	Incorporation of magnesium in mesostructured and mesoporous aluminophosphates. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 1544-1551.	1.3	15
85	Tuning the spontaneous formation kinetics of caffeineâ€™:â€™malonic acid co-crystals. <i>CrystEngComm</i> , 2016, 18, 2617-2620.	1.3	14
86	Directing Crystallization Outcomes of Conformationally Flexible Molecules: Polymorphs, Solvates, and Desolvation Pathways of Fluconazole. <i>Molecular Pharmaceutics</i> , 2022, 19, 456-471.	2.3	13
87	Hydrogenation of nitrobenzene over Pd/C catalysts prepared from molecular carbonylâ€phosphine palladium clusters. <i>Journal of Molecular Catalysis A</i> , 2012, 365, 172-180.	4.8	12
88	Structure and Mobility of Lactose in Lactose/Sodium Montmorillonite Nanocomposites. <i>Langmuir</i> , 2016, 32, 13214-13225.	1.6	12
89	A novel one-dimensional coordination polymer with Cd ²⁺ and diethylenetriaminepentaacetic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002, 58, m608-m610.	0.4	11
90	High Molecular Weight Mixed-Linkage Glucan as a Mechanical and Hydration Modulator of Bacterial Cellulose: Characterization by Advanced NMR Spectroscopy. <i>Biomacromolecules</i> , 2019, 20, 4180-4190.	2.6	10

#	ARTICLE	IF	CITATIONS
91	A one-dimensional Coordination polymer exhibiting an unusual conformation for 1,2-bis(4-pyridyl)ethane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, m691-m693.	0.2	9
92	Encapsulation of Indomethacin in PVP: Solid-State NMR Studies. <i>Macromolecular Symposia</i> , 2007, 251, 41-46.	0.4	9
93	Periodic bifunctional organosilicas synthesised using cationic supramolecular templating. <i>Microporous and Mesoporous Materials</i> , 2007, 106, 236-245.	2.2	9
94	¹⁹ F NMR Spectroscopy as a Highly Sensitive Method for the Direct Monitoring of Confined Crystallization within Nanoporous Materials. <i>Angewandte Chemie</i> , 2016, 128, 9050-9054.	1.6	9
95	Halogen effects on the solid-state packing of phenylalanine derivatives and the resultant gelation properties. <i>Faraday Discussions</i> , 2017, 203, 423-439.	1.6	9
96	Effect of Encapsulating Arginine Containing Molecules on PLGA: A Solid-State NMR Study. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 2697-2710.	1.6	8
97	Solvent driven phase transitions of acyclovir – the role of water and solvent polarity. <i>CrystEngComm</i> , 2019, 21, 2180-2192.	1.3	8
98	Mesoporous Aluminosilicate Nanofibers with a Low Si/Al Ratio as Acidic Catalyst for Hydrodeoxygenation of Phenol. <i>ChemCatChem</i> , 2019, 11, 4054-4063.	1.8	8
99	Cross-Linked Polymers in Ionic Liquids: Ionic Liquids as Porogens. <i>ACS Symposium Series</i> , 2005, , 133-147.	0.5	7
100	Spin diffusion transfer difference (SDTD) NMR: An advanced method for the characterisation of water structuration within particle networks. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 217-227.	5.0	6
101	Molecular recognition of natural and non-natural substrates by cellodextrin phosphorylase from <i>Ruminiclostridium thermocellum</i> investigated by NMR spectroscopy. <i>Chemistry - A European Journal</i> , 2021, 27, 15688-15698.	1.7	6
102	catena-Poly[[[diaquacadmium(II)-di- μ -4,4'-trimethylenedipyridine- μ -2N:N] dinitrate 4,4'-trimethylenedipyridine monohydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, m730-m732.	0.2	5
103	Self-Correcting Method for the Measurement of Free Calcium and Magnesium Concentrations by ¹ H NMR. <i>Analytical Chemistry</i> , 2019, 91, 14442-14450.	3.2	5
104	¹³ C and 2D WISE NMR Studies of the Host Mobility in Two Aromatic Complexes of p-Tert-Butyl-Calixarene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2004, 49, 211-218.	1.6	4
105	Effect of Encapsulating a Pseudo-Decapeptide Containing Arginine on PLGA: A Solid-State NMR Study. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 2681-2696.	1.6	4
106	Luminescent SiO ₂ nanoparticles for cell labelling: Combined water dispersion polymerization and 3D condensation controlled by oligoperoxide surfactant-initiator. <i>European Polymer Journal</i> , 2018, 103, 282-292.	2.6	4
107	Rapid Determination of the Acidity, Alkalinity and Carboxyl Content of Aqueous Samples by ¹ H NMR with Minimal Sample Quantity. <i>Analytical Chemistry</i> , 2020, 92, 12789-12794.	3.2	4
108	Bis(4,4'-bipyridine)tetraaquacobalt(II) 2,6-naphthalenedicarboxylate dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, m8-m10.	0.2	3

#	ARTICLE	IF	CITATIONS
109	Spatially Resolved STD-NMR Applied to the Study of Solute Transport in Biphasic Systems: Application to Protein-Ligand Interactions. <i>Natural Product Communications</i> , 2019, 14, 1934578X1984978.	0.2	3
110	Monovalent Salt and pH-Induced Gelation of Oxidised Cellulose Nanofibrils and Starch Networks: Combining Rheology and Small-Angle X-ray Scattering. <i>Polymers</i> , 2021, 13, 951.	2.0	3
111	Phase Segregation in Silicon Carbide ^δ Carbon Solid Solutions from XRD and NMR Studies. <i>Chemistry of Materials</i> , 2002, 14, 1348-1353.	3.2	2
112	4-[2-(4-Pyridyl)ethyl]pyridinium nitrate trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o132-o134.	0.2	2
113	Correction: Substituent interference on supramolecular assembly in urea gelators: synthesis, structure prediction and NMR. <i>Soft Matter</i> , 2016, 12, 5489-5489.	1.2	1
114	Frontispiece: Triazine-Based Graphitic Carbon Nitride: a Two-Dimensional Semiconductor. <i>Angewandte Chemie - International Edition</i> , 2014, 53, n/a-n/a.	7.2	0
115	Frontispiz: Triazine-Based Graphitic Carbon Nitride: a Two-Dimensional Semiconductor. <i>Angewandte Chemie</i> , 2014, 126, n/a-n/a.	1.6	0
116	Molecular dynamics of supersaturated indometacin-nicotinamide solutions. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s458-s458.	0.0	0
117	Solid-State NMR Studies of Mesostructured Alumino-Phosphates: Structure and Dynamics of the Inorganic Network and of the Organic Component. , 2002, , 545-551.		0
118	INCORPORATION OF ALUMINIUM INTO $\text{CH}_2\text{CH}_2/\text{CH}=\text{CH}$ PMOS. <i>Proceedings of the Shevchenko Scientific Society Series \mathcal{D}hemical Sciences</i> , 2018, 2018, 31-46.	0.2	0
119	Understanding the role of molecular mobility in phase transitions of bulk and confined pharmaceuticals. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e612-e612.	0.0	0
120	Understanding self-assembly of molecular organic solids using NMR crystallography: from multicomponent solids to supramolecular hydrogels. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e609-e609.	0.0	0
121	Expanding the solid-state landscape of fluconazole: combined application of solid-state NMR, X-ray diffraction and computational methods to uncover polymorphism in fluconazole solvates. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2019, 75, e613-e613.	0.0	0
122	NMR of soft matter systems. <i>Nuclear Magnetic Resonance</i> , 2020, , 220-249.	0.1	0
123	Solid-State NMR Studies of Novel Porous Solids: Structure and Dynamics. , 2004, , 261-272.		0
124	Molecular Level Characterisation of the Surface of Carbohydrate-Functionalised Mesoporous silica Nanoparticles (MSN) as a Potential Targeted Drug Delivery System via High Resolution Magic Angle Spinning (HR-MAS) NMR Spectroscopy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5906.	1.8	0