

James Hook

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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.

140
papers

4,889
citations

34
h-index

65
g-index

152
ext. papers

5,519
ext. citations

5.4
avg, IF

5.29
L-index

#	Paper	IF	Citations
140	An investigation into the reactions of biochar in soil. <i>Soil Research</i> , 2010 , 48, 501	1.8	687
139	Functionalization of Halloysite Clay Nanotubes by Grafting with γ -Aminopropyltriethoxysilane. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 15742-15751	3.8	687
138	Shifting paradigms: development of high-efficiency biochar fertilizers based on nano-structures and soluble components. <i>Carbon Management</i> , 2013 , 4, 323-343	3.3	252
137	Solid-state lead-207 NMR of lead(II) nitrate: Localized heating effects at high magic angle spinning speeds. <i>Magnetic Resonance in Chemistry</i> , 1995 , 33, 791-795	2.1	111
136	Mineral-Biochar Composites: Molecular Structure and Porosity. <i>Environmental Science & Technology</i> , 2016 , 50, 7706-14	10.3	108
135	An investigation into the supramolecular structure, solubility, stability and antioxidant activity of rutin/cyclodextrin inclusion complex. <i>Food Chemistry</i> , 2013 , 136, 186-92	8.5	108
134	Reaction of Vanadate with Aquatic Humic Substances: An ESR and 51V NMR Study. <i>Environmental Science & Technology</i> , 1998 , 32, 2257-2263	10.3	82
133	Chitosan as a Biomaterial: Influence of Degree of Deacetylation on Its Physiochemical, Material and Biological Properties. <i>PLoS ONE</i> , 2015 , 10, e0135153	3.7	82
132	Synthesis and Characterization of Mesostructured Vanadium Oxide. <i>Chemistry of Materials</i> , 1995 , 7, 2220-2223	10.3	81
131	Recent developments in the Birch reduction of aromatic compounds: applications to the synthesis of natural products. <i>Natural Product Reports</i> , 1986 , 3, 35	15.1	78
130	Quantitative nuclear magnetic resonance (QNMR) spectroscopy for assessing the purity of technical grade agrochemicals: 2,4-dichlorophenoxyacetic acid (2,4-D) and sodium 2,2-dichloropropionate (Dalapon sodium). <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 3366-74	5.7	76
129	Solvent reorganisation as the driving force for rate changes of Menschutkin reactions in an ionic liquid. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 3572-5	3.9	73
128	An oxidative carbon-carbon bond-forming reaction proceeds via an isolable iminium ion. <i>Pure and Applied Chemistry</i> , 2011 , 83, 655-665	2.1	70
127	The importance of solvent reorganisation in the effect of an ionic liquid on a unimolecular substitution process. <i>Chemical Communications</i> , 2008 , 3576-8	5.8	70
126	Substitution reactions in ionic liquids. A kinetic study. <i>Tetrahedron Letters</i> , 2005 , 46, 7641-7645	2	69
125	The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. <i>Natural Product Reports</i> , 2019 , 36, 35-107	15.1	63
124	Functionalizing biodegradable dextran scaffolds using living radical polymerization: new versatile nanoparticles for the delivery of therapeutic molecules. <i>Molecular Pharmaceutics</i> , 2012 , 9, 3046-61	5.6	59

123	Feeding Biochar to Cows: An Innovative Solution for Improving Soil Fertility and Farm Productivity. <i>Pedosphere</i> , 2015 , 25, 666-679	5	56
122	Study of the Structure and Mechanism of Formation through Self-Assembly of Mesostructured Vanadium Oxide. <i>Chemistry of Materials</i> , 1997 , 9, 2731-2744	9.6	54
121	Hyperforin and its analogues inhibit CYP3A4 enzyme activity. <i>Phytochemistry</i> , 2006 , 67, 2550-60	4	54
120	Dolichol is the major lipid component of human substantia nigra neuromelanin. <i>Journal of Neurochemistry</i> , 2005 , 92, 990-5	6	54
119	Dimethylsulfone as a universal standard for analysis of organics by QNMR. <i>Accreditation and Quality Assurance</i> , 2004 , 9, 450	0.7	52
118	Ionic liquids through the looking glass: theory mirrors experiment and provides further insight into aromatic substitution processes. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 1873-8	3.6	51
117	Ionic liquids: just Molten salts after all?. <i>Molecules</i> , 2009 , 14, 2521-34	4.8	49
116	An uncertainty budget for the determination of the purity of glyphosate by quantitative nuclear magnetic resonance (QNMR) spectroscopy. <i>Accreditation and Quality Assurance</i> , 2004 , 9, 55-63	0.7	49
115	Chitosan adhesive for laser tissue repair: in vitro characterization. <i>Lasers in Surgery and Medicine</i> , 2005 , 36, 193-201	3.6	48
114	Redox tunable viologen-based porous organic polymers. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2535-2544	7.1	44
113	Quantitative nuclear magnetic resonance spectrometry. <i>Analytica Chimica Acta</i> , 2002 , 474, 125-135	6.6	44
112	Biochar-based fertilizer: Supercharging root membrane potential and biomass yield of rice. <i>Science of the Total Environment</i> , 2020 , 713, 136431	10.2	43
111	A Simple and Efficient Synthesis of Ethyl and Methyl Glyoxylate. <i>Synthetic Communications</i> , 1984 , 14, 83-87	1.7	42
110	PHENYL TIN DIETHYL DITHIOCARBAMATES: SOLID STATE AND SOLUTION STRUCTURES AND IN VITRO ANTI-TUMOUR ACTIVITY. <i>Main Group Metal Chemistry</i> , 1994 , 17,	1.6	41
109	Photochemical tissue bonding with chitosan adhesive films. <i>BioMedical Engineering OnLine</i> , 2010 , 9, 47	4.1	39
108	The influence of steric effects in substituted 2,2'-bipyridine on the spin state of iron(II) in [FeN ₆] ²⁺ systems. <i>Inorganica Chimica Acta</i> , 1990 , 173, 19-30	2.7	39
107	Total synthesis of gibberellic acid. The hydrofluorene route. <i>Journal of the American Chemical Society</i> , 1980 , 102, 6628-6629	16.4	34
106	A natural-synthetic hybrid copolymer of polyhydroxyoctanoate-diethylene glycol: biosynthesis and properties. <i>Polymer</i> , 2005 , 46, 6587-6594	3.9	33

105	Gecko-inspired chitosan adhesive for tissue repair. <i>NPG Asia Materials</i> , 2016 , 8, e280-e280	10.3	32
104	Dynamic Nuclear Polarization NMR Spectroscopy of Polymeric Carbon Nitride Photocatalysts: Insights into Structural Defects and Reactivity. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6848-6852 ³¹	16.4	31
103	Dynamics of water in agar gels studied using low and high resolution 1H NMR spectroscopy. <i>International Journal of Food Science and Technology</i> , 2010 , 45, 2502-2507	3.8	31
102	Just add sugar for carbohydrate induced self-assembly of curcumin. <i>Nature Communications</i> , 2019 , 10, 582	17.4	30
101	Reductive alkylation of 2,5-dimethoxybenzoic acid: a direct synthesis of dihydrofluoren-2-ones. <i>Journal of Organic Chemistry</i> , 1980 , 45, 1722-1724	4.2	30
100	Exploiting stable radical states for multifunctional properties in triarylamine-based porous organic polymers. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 12466-12474	13	28
99	Molecular interactions in coupled PMMA-bioglass hybrid networks. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 1835-1845	7.3	28
98	Examination of the effect of crystal packing forces on geometric parameters: a combined crystallographic and theoretical study of 2,2Pbipyridyl adducts of R ₂ SnCl ₂ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2000 , 215,	1	28
97	Purity assessment of organic calibration standards using a combination of quantitative NMR and mass balance. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 3103-13	4.4	26
96	The utilisation of feed and byproducts of mineral carbonation processes as pozzolanic cement replacements. <i>Journal of Cleaner Production</i> , 2018 , 186, 499-513	10.3	26
95	Photodynamic therapy with nanoparticles to combat microbial infection and resistance. <i>Nanoscale</i> , 2020 , 12, 21034-21059	7.7	25
94	Pyrolysis of attapulgite clay blended with yak dung enhances pasture growth and soil health: Characterization and initial field trials. <i>Science of the Total Environment</i> , 2017 , 607-608, 184-194	10.2	24
93	Biosynthesis of natural-synthetic hybrid copolymers: polyhydroxyoctanoate-diethylene glycol. <i>Biomacromolecules</i> , 2004 , 5, 643-9	6.9	24
92	Titanium Dioxide Nanoparticles Functionalized with Pd and W Complexes of a Catecholphosphane Ligand. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 496-503	2.3	23
91	Reductive alkylation of 2-methoxybenzoic acid derivatives. <i>Tetrahedron Letters</i> , 1982 , 23, 1095-1098	2	23
90	Molecular structures driving pseudo-capacitance in hydrothermal nanostructured carbons. <i>RSC Advances</i> , 2016 , 6, 12964-12976	3.7	22
89	Biosynthesis of vitamin B12: analysis of the 1H and 13C n.m.r. spectra of heptamethyl dicyanocobyrinate (cobester). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1982 , 2265		22
88	Microstructural characterization of white charcoal. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014 , 109, 215-221	6	21

87	Solid-state mercury-199 NMR of hexakis (dimethyl sulphoxide)mercury (II) trifluoromethanesulphonate: A new standard for mercury-199 CP/MAS experiments. <i>Magnetic Resonance in Chemistry</i> , 1995 , 33, 77-79	2.1	21
86	Reaction of aquatic humic substances with aluminium: a 27 Al NMR study. <i>Marine and Freshwater Research</i> , 1997 , 48, 377	2.2	21
85	Fire-derived organic matter retains ammonia through covalent bond formation. <i>Nature Communications</i> , 2019 , 10, 664	17.4	20
84	Carborane functionalization of the aromatic network in chemically-synthesized graphene. <i>Chemical Communications</i> , 2014 , 50, 11332-4	5.8	20
83	Heterogeneously catalysed crosslinking of polycarbosilane with divinylbenzene. <i>Journal of Materials Science</i> , 2008 , 43, 2666-2674	4.3	20
82	Biosynthesis and characterization of deuterated polyhydroxyoctanoate. <i>Biomacromolecules</i> , 2006 , 7, 1344-9	6.9	20
81	Orientation effects in the deuterium NMR spectroscopy of perfluorinated ionomer membranes. <i>Solid State Ionics</i> , 1994 , 67, 241-248	3.3	20
80	Micro- and Nanostructured Biomaterials for Sutureless Tissue Repair. <i>Advanced Healthcare Materials</i> , 2016 , 5, 401-14	10.1	20
79	Incorporation of 5-hydroxyindazole into the self-polymerization of dopamine for novel polymer synthesis. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 291-7	4.8	18
78	Crystal packing in tetraphenylphosphonium salts of trithiocyanuric acid and its methanol solvate. <i>CrystEngComm</i> , 2004 , 6, 543	3.3	18
77	17O quantitative nuclear magnetic resonance spectroscopy of gasoline and oxygenated additives. <i>Analytical Chemistry</i> , 2003 , 75, 4659-66	7.8	18
76	The electronic, optical and magnetic consequences of delocalization in multifunctional donor-acceptor organic polymers. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 11252-9	3.6	17
75	Solid-state 119Sn NMR and antitumor activity of bis [1,3-bis (3-oxapentamethylenecarbamoylthioacetato)-1,1,3,3-tetrabutyl-1,3-distannoxare], and the crystal structure of its bis-ethanol solvate. <i>Applied Organometallic Chemistry</i> , 2000 , 14, 1-7	3.1	17
74	Dynamic Nuclear Polarization NMR Spectroscopy of Polymeric Carbon Nitride Photocatalysts: Insights into Structural Defects and Reactivity. <i>Angewandte Chemie</i> , 2018 , 130, 6964-6968	3.6	16
73	From Lead(II) Dithiocarbamate Precursors to a Fast Response PbS Positive Temperature Coefficient Thermistor. <i>Inorganic Chemistry</i> , 2018 , 57, 2132-2140	5.1	16
72	2-Nitro-6-monoacetylmorphine: potential marker for monitoring the presence of 6-monoacetylmorphine in urine adulterated with potassium nitrite. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 403, 2057-63	4.4	16
71	Studies on gibberellin synthesis: the total synthesis of gibberellic acid from hydrofluorenone intermediates. <i>Journal of Organic Chemistry</i> , 1984 , 49, 3250-3260	4.2	16
70	Preparation, characterization and in vitro biological evaluation of (1:2) phenoxodiol- β -cyclodextrin complex. <i>Carbohydrate Polymers</i> , 2017 , 165, 444-454	10.3	15

69	Versatile oligomers and polymers from flavonoids: a new approach to synthesis. <i>Polymer Chemistry</i> , 2017 , 8, 2317-2326	4.9	15
68	High population and dispersion of pentacoordinated AlV species on the surface of flame-made amorphous silica-alumina. <i>Science Bulletin</i> , 2019 , 64, 516-523	10.6	15
67	Novel Coordination Isomerization in Organotin(IV) Compounds. Synthesis, Molecular Structures, and NMR Studies of LSnPhX ₂ (X = Ph, Cl, Br, I, SPh), LCH ₂ SnPhX ₂ (X = Ph, Cl, Br, I), and LSiPh ₃ , Where LH Is (2-MeO-3-tBu-5-Me-C ₆ H ₂) ₂ CH ₂ . <i>Organometallics</i> , 1997 , 16, 3696-3706	3.8	15
66	Cadmium complexes of thiones. Part II.1 A synthetic, solution, and solid-state MAS 111/113Cd NMR study of cadmium complexes of 1,3-thiazolidine-2-thione, and the structures of [tetrakis(1,3-thiazolidine-2-thione)cadmium] trifluoromethanesulfonate ($[Cd(C_3H_5N_2S)_4](CF_3SO_3)_2$) and	0.9	15
65	Characterization of Soil Organic Matter in Aggregates and Size-Density Fractions by Solid State ¹³ C CP/MAS NMR Spectroscopy. <i>Communications in Soil Science and Plant Analysis</i> , 2014 , 45, 1523-1537	1.5	14
64	Priming the pores of mesoporous silica nanoparticles with an in-built RAFT agent for anchoring a thermally responsive polymer. <i>Microporous and Mesoporous Materials</i> , 2019 , 277, 60-69	5.3	14
63	Electroactive Co(III) salen metal complexes and the electrophoretic deposition of their porous organic polymers onto glassy carbon. <i>RSC Advances</i> , 2018 , 8, 24128-24142	3.7	14
62	DNP NMR spectroscopy reveals new structures, residues and interactions in wild spider silks. <i>Chemical Communications</i> , 2019 , 55, 4687-4690	5.8	13
61	Superphenylphosphines: Nanographene-Based Ligands That Control Coordination Geometry and Drive Supramolecular Assembly. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1131-1141	16.4	13
60	NMR relaxation studies of porous sol-gel glasses. <i>Magnetic Resonance Imaging</i> , 1998 , 16, 511-3	3.3	13
59	Porous chitosan adhesives with L-DOPA for enhanced photochemical tissue bonding. <i>Acta Biomaterialia</i> , 2020 , 101, 314-326	10.8	13
58	Polymorphism and a metastable solvate of duloxetine hydrochloride. <i>Molecular Pharmaceutics</i> , 2011 , 8, 2454-64	5.6	12
57	³¹ P MAS-NMR of human erythrocytes: independence of cell volume from angular velocity. <i>Magnetic Resonance in Medicine</i> , 2004 , 52, 663-8	4.4	12
56	Hexakis(dimethyl sulfoxide)mercury(II) Trifluoromethanesulfonate, a Standard for Solid-State ¹⁹⁹ Hg NMR. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995 , 51, 1547-1549		12
55	Reductive Alkylation of 2,5-Dimethoxybenzoic Acid; A Direct Synthesis of Tetrahydrophenanthren-2-ones. <i>Synthesis</i> , 1979 , 1979, 374-376	2.9	12
54	Polymorphic Transformation of Drugs Induced by Glycopolymetric Vesicles Designed for Anticancer Therapy Probed by Solid-State NMR Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 28278-28288	9.5	11
53	Synthesis of per-deuterated alkyl amines for the preparation of deuterated organic pyromellitimide gelators. <i>Tetrahedron Letters</i> , 2013 , 54, 2538-2541	2	11
52	A solid-state NMR study of the interaction of fish antifreeze proteins with phospholipid membranes. <i>European Biophysics Journal</i> , 2008 , 37, 1031-8	1.9	11

51	Molecular Encapsulation of Eucalyptus staigeriana Essential Oil by Forming Inclusion Complexes with Hydroxypropyl-β-Cyclodextrin. <i>Food and Bioprocess Technology</i> , 2019 , 12, 1264-1272	5.1	10
50	Persistence of a self-complementary NH ₂ N tape motif in chloro-s-triazine crystals: crystal structures of simazine and atrazine herbicides and their polymorphic and inclusion behaviour. <i>CrystEngComm</i> , 2016 , 18, 962-970	3.3	10
49	Evidence of Decoupling Protein Structure from Spidroin Expression in Spider Dragline Silks. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	10
48	NMR spectroscopy to follow reaction progress in ionic liquids. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 423-8	2.1	9
47	Tetraaryl-methane analogues in group 14IV. Distortion of tetrahedral geometry in terms of through-space π and π interactions and NMR sagging in terms of π charge transfer. <i>Polyhedron</i> , 1998 , 17, 4497-4506	2.7	9
46	AMMONIUM DI(CARBOXYLATO)TRIPHENYLSTANNATES. CRYSTAL STRUCTURES OF DICYCLOHEXYLAMMONIUM BIS(TRIFLUOROACETATO) TRIPHENYLSTANNATE, DIISOPROPYLAMMONIUM BIS(ETHYLTRIFLUOROACETATO)TRIPHENYLSTANNATE AND	1.6	9
45	Structure of Silica Polymers and Reaction Mechanism for Formation of Silica-Rich Precipitated Phases in Direct Aqueous Carbon Mineralization. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 6828-6839	3.9	9
44	Intramolecular H ₂ S interactions in metal di-(isopropyl)dithiocarbamate complexes. <i>CrystEngComm</i> , 2016 , 18, 7070-7077	3.3	9
43	Qualitative and quantitative ¹ H NMR spectroscopy for determination of divalent metal cation concentration in model salt solutions, food supplements, and pharmaceutical products by using EDTA as chelating agent. <i>Magnetic Resonance in Chemistry</i> , 2020 , 58, 653-665	2.1	8
42	Salt-enhanced photocatalytic hydrogen production from water with carbon nitride nanorod photocatalysts: cation and pH dependence. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 18987-18995	1.3	8
41	Oxidation of 2,2,7,8-tetramethyl-6-chromanol, the model compound of gamma-tocopherol, by hypochlorous acid. <i>Redox Report</i> , 2000 , 5, 60-2	5.9	8
40	Linear chains in polymeric dicyclohexylammonium tributyl(4-oxo-4H-pyran-2,6-dicarboxylato)stannate and methylphenylammonium tributyl(pyridine-2,6-dicarboxylato)stannate containing trigonal bipyramidal tin. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000 , 56 (Pt 2), 211-2		8
39	Diisopropylammonium oxalatotriphenylstannate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999 , 55, 310-312		8
38	An Unusual Mercury(II) Diisopropylthiocarbamate Coordination Polymer. <i>Crystal Growth and Design</i> , 2019 , 19, 1125-1133	3.5	8
37	Ultralow surface energy self-assembled monolayers of iodo-perfluorinated alkanes on silica driven by halogen bonding. <i>Nanoscale</i> , 2019 , 11, 2401-2411	7.7	7
36	In-situ preparation of poly(2-hydroxyethyl methacrylate)-titania hybrids using γ-radiation. <i>Polymer</i> , 2011 , 52, 4471-4479	3.9	7
35	(⁷⁹ Br) NMR spectroscopy as a practical tool for kinetic analysis. <i>Magnetic Resonance in Chemistry</i> , 2009 , 47, 342-7	2.1	7
34	Synthesis and NMR characterization of the methyl esters of eicosapentaenoic acid monoepoxides. <i>Chemistry and Physics of Lipids</i> , 2009 , 159, 30-7	3.7	7

33	The Leaf Essential Oils of the Australian Species of Pseuduvaria (Annonaceae). <i>Journal of Essential Oil Research</i> , 2004 , 16, 362-366	2.3	7
32	² H NMR relaxation monitoring of gelation in tetramethoxysilane sol-gels. <i>Journal of Non-Crystalline Solids</i> , 2000 , 271, 137-146	3.9	7
31	¹⁴ N NMR Spectroscopy of Nitrate Co-ions in Ionomer Membranes. <i>Macromolecules</i> , 1997 , 30, 4357-4362	5.5	6
30	Halogen-bond driven self-assembly of perfluorocarbon monolayers on silicon nitride. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 24445-24453	13	6
29	Brewing coffee? - Ultra-sonication has clear beneficial effects on the extraction of key volatile aroma components and triglycerides. <i>Ultrasonics Sonochemistry</i> , 2020 , 60, 104796	8.9	6
28	Bioactive poly(methyl methacrylate) for bone fixation. <i>RSC Advances</i> , 2015 , 5, 60681-60690	3.7	5
27	Recent Advances in the NMR Spectroscopy of Chlorine, Bromine and Iodine. <i>Annual Reports on NMR Spectroscopy</i> , 2011 , 73, 63-82	1.7	5
26	Bio-activity of natural polymers from the genus Pistacia: a validated model for their antimicrobial action. <i>Global Journal of Health Science</i> , 2011 , 4, 149-61	1.3	5
25	A synthetic, structural, and ¹¹³ Cd NMR study of cadmium complexes of 1,3-thiazolidine-2-thionate, including the structures of Cd(C ₃ H ₄ NS ₂) ₂ , (Cd(C ₃ H ₄ NS ₂) ₂ (C ₅ H ₅ N) ₃][C ₅ H ₅ N], and (Ph ₄ P) ₂ [I ₂ Cd(μ-C ₃ H ₄ NS ₂) ₂ CdI ₂]. <i>Canadian Journal of Chemistry</i> , 2005 , 83, 174-184	0.9	5
24	NMR confirmation of an alkali-insoluble glucan from <i>Kluyveromyces marxianus</i> cultivated on a lactose-based medium. <i>World Journal of Microbiology and Biotechnology</i> , 2003 , 19, 349-355	4.4	5
23	Multinuclear solid-state NMR study of cadmium- and lead-exchanged LTA zeolites. <i>Magnetic Resonance in Chemistry</i> , 1999 , 37, S63-S68	2.1	5
22	Localised high resolution spectral estimator for resolving superimposed peaks in NMR signals. <i>Signal Processing</i> , 2017 , 130, 343-354	4.4	4
21	Application of low-field, H/C high-field solution and solid state NMR for characterisation of oil fractions responsible for wettability change in sandstones. <i>Magnetic Resonance Imaging</i> , 2019 , 56, 77-85	3.3	4
20	Effect of clay and iron sulphate on volatile and water-extractable organic compounds in bamboo biochars. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018 , 133, 22-29	6	4
19	Solid-state NMR as a probe of anion binding: molecular dynamics and associations in a [5]polynorbornane bisurea host complexed with terephthalate. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 22195-203	3.6	3
18	Site-specific synthesis of a hybrid boron-graphene salt. <i>Chemical Communications</i> , 2016 , 52, 1290-2	5.8	3
17	LocMAP: A new localization method for the parametric processing of high resolution NMR data. <i>Journal of Magnetic Resonance</i> , 2017 , 282, 62-70	3	3
16	The Use of qNMR for the Analysis of Agrochemicals 2008 , 291-315		3

15	CRYSTAL STRUCTURE OF BIS(TRIFLUOROACETATO)- DIBUTYL TIN 1,10-PHENANTHROLINE. <i>Main Group Metal Chemistry</i> , 1999 , 22,	1.6	3
14	Bis[(N,N-3-oxapentamethylenethiocarbamoylthioacetato)triphenyltin] hydrate and bis(dicyclohexylammonium) bis(3-oxapentamethylenethiocarbamoylthioacetate). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999 , 55, 312-316		3
13	Biosynthesis of vitamin B12: preparation of specifically deuteriated heptamethyl dicyanocobyrinate for study by 2H n.m.r. spectroscopy. <i>Journal of the Chemical Society Chemical Communications</i> , 1982 , 181		3
12	Duloxetine hydro-chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2294		3
11	Nutraceuticals in Bulk and Dosage Forms: Analysis by Cl and N Solid-State NMR and DFT Calculations. <i>Molecular Pharmaceutics</i> , 2021 ,	5.6	3
10	Redox-State Dependent Spectroscopic Properties of Porous Organic Polymers Containing Furan, Thiophene, and Selenophene. <i>Australian Journal of Chemistry</i> , 2017 , 70, 1227	1.2	2
9	Nontargeted Identification of Plasma Proteins O-, N-, and S-Transmethylated by O-Methyl Organophosphates. <i>Analytical Chemistry</i> , 2020 , 92, 15420-15428	7.8	2
8	A Phosphonated Poly(ethylenedioxythiophene) Derivative with Low Oxidation Potential for Energy-Efficient Bioelectronic Devices. <i>Chemistry of Materials</i> , 2022 , 34, 140-151	9.6	2
7	Host-guest interactions of catechol and 4-ethylcatechol with surface-immobilized blue-box molecules. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 12713-12722	13	1
6	Dihydro-myricetin hexa-acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2627		1
5	catena-Poly[triphenyltin- μ (N,N-diethylthiocarbamoylthioacetato-O:O μ)], catena-poly[triphenyltin- μ (N-methyl-N-phenylthioacetato-O:O μ)] and triphenyl(N,N-tetramethylenethiocarbamoylthioacetato-O)tin. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999 , 55, 744-748		1
4	The Use of Phosphine as an Agricultural Fumigant. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996 , 111, 89-89	1	1
3	2.3 Extra-Framework Sites in H-Al MFI and H-GaMFI Zeolite Catalysts. <i>Studies in Surface Science and Catalysis</i> , 1994 , 90, 129-134	1.8	1
2	Salen-Based Metal Complexes and the Physical Properties of their Porous Organic Polymers. <i>Australian Journal of Chemistry</i> , 2019 , 72, 916	1.2	1
1	Dynamic solution behaviour of metal complexes of the hexamine cage ligand Me8tricosane. <i>Inorganica Chimica Acta</i> , 2019 , 496, 119013	2.7	