

James Hook

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.

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	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
139	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
138	Qualitative and quantitative 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
137	Porous chitosan adhesives with L-DOPA for enhanced photochemical tissue bonding. <i>Acta Biomaterialia</i> , 2020 , 101, 314-326	10.8	13
136	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
135	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
134	Photodynamic therapy with nanoparticles to combat microbial infection and resistance. <i>Nanoscale</i> , 2020 , 12, 21034-21059	7.7	25
133	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
132	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
131	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
130	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
129	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
128	DNP NMR spectroscopy reveals new structures, residues and interactions in wild spider silks. <i>Chemical Communications</i> , 2019 , 55, 4687-4690	5.8	13
127	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
126	Just add sugar for carbohydrate induced self-assembly of curcumin. <i>Nature Communications</i> , 2019 , 10, 582	17.4	30
125	Fire-derived organic matter retains ammonia through covalent bond formation. <i>Nature Communications</i> , 2019 , 10, 664	17.4	20
124	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

123	Dynamic solution behaviour of metal complexes of the hexamine cage ligand Me8tricosane. <i>Inorganica Chimica Acta</i> , 2019 , 496, 119013	2.7	
122	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
121	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	13	8
120	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
119	Halogen-bond driven self-assembly of perfluorocarbon monolayers on silicon nitride. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 24445-24453	13	6
118	An Unusual Mercury(II) Diisopropyldithiocarbamate Coordination Polymer. <i>Crystal Growth and Design</i> , 2019 , 19, 1125-1133	3.5	8
117	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
116	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
115	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
114	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
113	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	16.4	31
112	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
111	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
110	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
109	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
108	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
107	Versatile oligomers and polymers from flavonoids: a new approach to synthesis. <i>Polymer Chemistry</i> , 2017 , 8, 2317-2326	4.9	15
106	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

105	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
104	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
103	Localised high resolution spectral estimator for resolving superimposed peaks in NMR signals. <i>Signal Processing</i> , 2017 , 130, 343-354	4.4	4
102	Gecko-inspired chitosan adhesive for tissue repair. <i>NPG Asia Materials</i> , 2016 , 8, e280-e280	10.3	32
101	Mineral-Biochar Composites: Molecular Structure and Porosity. <i>Environmental Science & Technology</i> , 2016 , 50, 7706-14	10.3	108
100	NMR spectroscopy to follow reaction progress in ionic liquids. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 423-8	2.1	9
99	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
98	Molecular structures driving pseudo-capacitance in hydrothermal nanostructured carbons. <i>RSC Advances</i> , 2016 , 6, 12964-12976	3.7	22
97	Redox tunable viologen-based porous organic polymers. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2535-2544	7.5	44
96	Site-specific synthesis of a hybrid boron-graphene salt. <i>Chemical Communications</i> , 2016 , 52, 1290-2	5.8	3
95	Evidence of Decoupling Protein Structure from Spidroin Expression in Spider Dragline Silks. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	10
94	Micro- and Nanostructured Biomaterials for Sutureless Tissue Repair. <i>Advanced Healthcare Materials</i> , 2016 , 5, 401-14	10.1	20
93	Intramolecular H ₂ S interactions in metal di-(isopropyl)dithiocarbamate complexes. <i>CrystEngComm</i> , 2016 , 18, 7070-7077	3.3	9
92	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
91	Bioactive poly(methyl methacrylate) for bone fixation. <i>RSC Advances</i> , 2015 , 5, 60681-60690	3.7	5
90	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
89	Feeding Biochar to Cows: An Innovative Solution for Improving Soil Fertility and Farm Productivity. <i>Pedosphere</i> , 2015 , 25, 666-679	5	56
88	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

87	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
86	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
85	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
84	Characterization of Soil Organic Matter in Aggregates and Size-Density Fractions by Solid State ¹³ C CPDAS NMR Spectroscopy. <i>Communications in Soil Science and Plant Analysis</i> , 2014 , 45, 1523-1537	1.5	14
83	Microstructural characterization of white charcoal. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014 , 109, 215-221	6	21
82	Carborane functionalization of the aromatic network in chemically-synthesized graphene. <i>Chemical Communications</i> , 2014 , 50, 11332-4	5.8	20
81	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
80	Molecular interactions in coupled PMMA-bioglass hybrid networks. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 1835-1845	7.3	28
79	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
78	Synthesis of per-deuterated alkyl amines for the preparation of deuterated organic pyromellitimide gelators. <i>Tetrahedron Letters</i> , 2013 , 54, 2538-2541	2	11
77	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
76	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
75	Polymorphism and a metastable solvate of duloxetine hydrochloride. <i>Molecular Pharmaceutics</i> , 2011 , 8, 2454-64	5.6	12
74	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
73	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
72	In-situ preparation of poly(2-hydroxyethyl methacrylate)-titania hybrids using γ radiation. <i>Polymer</i> , 2011 , 52, 4471-4479	3.9	7
71	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
70	Dynamics of water in agar gels studied using low and high resolution ¹ H NMR spectroscopy. <i>International Journal of Food Science and Technology</i> , 2010 , 45, 2502-2507	3.8	31

69	An investigation into the reactions of biochar in soil. <i>Soil Research</i> , 2010 , 48, 501	1.8	687
68	Photochemical tissue bonding with chitosan adhesive films. <i>BioMedical Engineering OnLine</i> , 2010 , 9, 47	4.1	39
67	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
66	Dihydro-myricetin hexa-acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2627		1
65	(79)Br NMR spectroscopy as a practical tool for kinetic analysis. <i>Magnetic Resonance in Chemistry</i> , 2009 , 47, 342-7	2.1	7
64	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
63	Ionic liquids: just Molten salts after all?. <i>Molecules</i> , 2009 , 14, 2521-34	4.8	49
62	Solvent reorganisation as the driving force for rate changes of Menshutkin reactions in an ionic liquid. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 3572-5	3.9	73
61	Duloxetine hydro-chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2294		3
60	Functionalization of Halloysite Clay Nanotubes by Grafting with γ -Aminopropyltriethoxysilane. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 15742-15751	3.8	687
59	The Use of qNMR for the Analysis of Agrochemicals 2008 , 291-315		3
58	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
57	Heterogeneously catalysed crosslinking of polycarbosilane with divinylbenzene. <i>Journal of Materials Science</i> , 2008 , 43, 2666-2674	4.3	20
56	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
55	Hyperforin and its analogues inhibit CYP3A4 enzyme activity. <i>Phytochemistry</i> , 2006 , 67, 2550-60	4	54
54	Biosynthesis and characterization of deuterated polyhydroxyoctanoate. <i>Biomacromolecules</i> , 2006 , 7, 1344-9	6.9	20
53	A synthetic, structural, and ^{113}Cd NMR study of cadmium complexes of 1,3-thiazolidine-2-thionate, including the structures of $\text{Cd}(\text{C}_3\text{H}_4\text{NS}_2)_2$, $(\text{Cd}(\text{C}_3\text{H}_4\text{NS}_2)_2(\text{C}_5\text{H}_5\text{N})_3)[\text{C}_5\text{H}_5\text{N}]$, and $(\text{Ph}_4\text{P})_2[\text{I}_2\text{Cd}(\mu\text{-C}_3\text{H}_4\text{NS}_2)_2\text{CdI}_2]$. <i>Canadian Journal of Chemistry</i> , 2005 , 83, 174-184	0.9	5
52	A natural-synthetic hybrid copolymer of polyhydroxyoctanoate-diethylene glycol: biosynthesis and properties. <i>Polymer</i> , 2005 , 46, 6587-6594	3.9	33

51	Substitution reactions in ionic liquids. A kinetic study. <i>Tetrahedron Letters</i> , 2005 , 46, 7641-7645	2	69
50	Dolichol is the major lipid component of human substantia nigra neuromelanin. <i>Journal of Neurochemistry</i> , 2005 , 92, 990-5	6	54
49	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
48	Chitosan adhesive for laser tissue repair: in vitro characterization. <i>Lasers in Surgery and Medicine</i> , 2005 , 36, 193-201	3.6	48
47	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
46	Dimethylsulfone as a universal standard for analysis of organics by QNMR. <i>Accreditation and Quality Assurance</i> , 2004 , 9, 450	0.7	52
45	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
44	Biosynthesis of natural-synthetic hybrid copolymers: polyhydroxyoctanoate-diethylene glycol. <i>Biomacromolecules</i> , 2004 , 5, 643-9	6.9	24
43	Crystal packing in tetraphenylphosphonium salts of trithiocyanuric acid and its methanol solvate. <i>CrystEngComm</i> , 2004 , 6, 543	3.3	18
42	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
41	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
40	¹⁷ O quantitative nuclear magnetic resonance spectroscopy of gasoline and oxygenated additives. <i>Analytical Chemistry</i> , 2003 , 75, 4659-66	7.8	18
39	Quantitative nuclear magnetic resonance spectrometry. <i>Analytica Chimica Acta</i> , 2002 , 474, 125-135	6.6	44
38	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
37	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	0.9	15
36	[[Cd(C ₃ H ₅ NS ₂) ₄](CF ₃ SO ₃) ₂] and 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 1337	5.9	8
35	Solid-state ¹¹⁹ Sn 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
34	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 8), 866-8		8

33	2H NMR relaxation monitoring of gelation in tetramethoxysilane sol-gels. <i>Journal of Non-Crystalline Solids</i> , 2000 , 271, 137-146	3.9	7
32	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
31	CRYSTAL STRUCTURE OF BIS(TRIFLUOROACETATO)- DIBUTYLTIN 1,10-PHENANTHROLINE. <i>Main Group Metal Chemistry</i> , 1999 , 22,	1.6	3
30	AMMONIUM DI(CARBOXYLATO)TRIPHENYLSTANNATES. CRYSTAL STRUCTURES OF DICYCLOHEXYLAMMONIUM BIS(TRIFLUOROACETATO) TRIPHENYLSTANNATE, DIISOPROPYLAMMONIUM	1.6	9
29	BIS[BIS(N,N-DIMETHYLTHIO-CARBAMOYLTHIO)ACETATO]-TRIPHENYLSTANNATE AND Diisopropylammonium oxalatotriphenylstannate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999 , 55, 310-312		8
28	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
27	catena-Poly[triphenyltin- μ [(N,N-diethylthiocarbamoylthioacetato-O:O)],catena-poly[triphenyltin- μ [(N-methyl-N-phenylthio) and triphenyl(N,N-tetramethylenethiocarbamoylthioacetato-O)tin]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999 , 55, 744-748		1
26	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
25	Tetraaryl-methane analogues in group 14IV. Distortion of tetrahedral geometry in terms of through-space π - π interactions and NMR sagging in terms of π -charge transfer. <i>Polyhedron</i> , 1998 , 17, 4497-4506	2.7	9
24	NMR relaxation studies of porous sol-gel glasses. <i>Magnetic Resonance Imaging</i> , 1998 , 16, 511-3	3.3	13
23	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
22	14N NMR Spectroscopy of Nitrate Co-ions in Ionomer Membranes. <i>Macromolecules</i> , 1997 , 30, 4357-4362	5.5	6
21	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
20	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
19	Reaction of aquatic humic substances with aluminium: a 27 Al NMR study. <i>Marine and Freshwater Research</i> , 1997 , 48, 377	2.2	21
18	The Use of Phosphine as an Agricultural Fumigant. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996 , 111, 89-89	1	1
17	Synthesis and Characterization of Mesostructured Vanadium Oxide. <i>Chemistry of Materials</i> , 1995 , 7, 2220-2223	9.2	81
16	Hexakis(dimethyl sulfoxide)mercury(II) Trifluoromethanesulfonate, a Standard for Solid-State 199Hg NMR. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1995 , 51, 1547-1549		12

15	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
14	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
13	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
12	Orientation effects in the deuterium NMR spectroscopy of perfluorinated ionomer membranes. <i>Solid State Ionics</i> , 1994 , 67, 241-248	3.3	20
11	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
10	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
9	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
8	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
7	A Simple and Efficient Synthesis of Ethyl and Methyl Glyoxylate. <i>Synthetic Communications</i> , 1984 , 14, 83-87	1.7	42
6	Biosynthesis of vitamin B ₁₂ : analysis of the ¹ H and ¹³ C n.m.r. spectra of heptamethyl dicyanocobyrinate (cobester). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1982 , 2265		22
5	Biosynthesis of vitamin B ₁₂ : preparation of specifically deuteriated heptamethyl dicyanocobyrinate for study by ² H n.m.r. spectroscopy. <i>Journal of the Chemical Society Chemical Communications</i> , 1982 , 181		3
4	Reductive alkylation of 2-methoxybenzoic acid derivatives. <i>Tetrahedron Letters</i> , 1982 , 23, 1095-1098	2	23
3	Total synthesis of gibberellic acid. The hydrofluorene route. <i>Journal of the American Chemical Society</i> , 1980 , 102, 6628-6629	16.4	34
2	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
1	Reductive Alkylation of 2,5-Dimethoxybenzoic Acid; A Direct Synthesis of Tetrahydrophenanthren-2-ones. <i>Synthesis</i> , 1979 , 1979, 374-376	2.9	12