

# James Hook

## List of Publications by Year in descending order

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140  
papers

6,089  
citations

81900

39  
h-index

79698

73  
g-index

152  
all docs

152  
docs citations

152  
times ranked

8389  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutraceuticals in Bulk and Dosage Forms: Analysis by <sup>35</sup> Cl and <sup>14</sup> N Solid-State NMR and DFT Calculations. <i>Molecular Pharmaceutics</i> , 2022, 19, 440-455.	4.6	12
2	A Phosphonated Poly(ethylenedioxythiophene) Derivative with Low Oxidation Potential for Energy-Efficient Bioelectronic Devices. <i>Chemistry of Materials</i> , 2022, 34, 140-151.	6.7	7
3	Brewing coffee? â€“ Ultra-sonication has clear beneficial effects on the extraction of key volatile aroma components and triglycerides. <i>Ultrasonics Sonochemistry</i> , 2020, 60, 104796.	8.2	8
4	Porous chitosan adhesives with L-DOPA for enhanced photochemical tissue bonding. <i>Acta Biomaterialia</i> , 2020, 101, 314-326.	8.3	25
5	Structure of Silica Polymers and Reaction Mechanism for Formation of Silica-Rich Precipitated Phases in Direct Aqueous Carbon Mineralization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 6828-6839.	3.7	16
6	Biochar-based fertilizer: Supercharging root membrane potential and biomass yield of rice. <i>Science of the Total Environment</i> , 2020, 713, 136431.	8.0	78
7	Photodynamic therapy with nanoparticles to combat microbial infection and resistance. <i>Nanoscale</i> , 2020, 12, 21034-21059.	5.6	66
8	Nontargeted Identification of Plasma Proteins O-, N-, and S-Transmethylated by O-Methyl Organophosphates. <i>Analytical Chemistry</i> , 2020, 92, 15420-15428.	6.5	7
9	Qualitative and quantitative <sup>1</sup> 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.	1.9	17
10	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.	10.3	92
11	Dynamic solution behaviour of metal complexes of the hexaamine cage ligand Me <sub>8</sub> tricosane. <i>Inorganica Chimica Acta</i> , 2019, 496, 119013.	2.4	0
12	Polymorphic Transformation of Drugs Induced by Glycopolymetric Vesicles Designed for Anticancer Therapy Probed by Solid-State NMR Spectroscopy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 28278-28288.	8.0	17
13	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.	10.3	21
14	Ultralow surface energy self-assembled monolayers of iodo-perfluorinated alkanes on silica driven by halogen bonding. <i>Nanoscale</i> , 2019, 11, 2401-2411.	5.6	8
15	Molecular Encapsulation of Eucalyptus staigeriana Essential Oil by Forming Inclusion Complexes with Hydroxypropyl- $\beta$ -Cyclodextrin. <i>Food and Bioprocess Technology</i> , 2019, 12, 1264-1272.	4.7	22
16	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.	10.3	1
17	DNP NMR spectroscopy reveals new structures, residues and interactions in wild spider silks. <i>Chemical Communications</i> , 2019, 55, 4687-4690.	4.1	20
18	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.	9.0	25

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19	Just add sugar for carbohydrate induced self-assembly of curcumin. <i>Nature Communications</i> , 2019, 10, 582.	12.8	57
20	Fire-derived organic matter retains ammonia through covalent bond formation. <i>Nature Communications</i> , 2019, 10, 664.	12.8	38
21	Halogen-bond driven self-assembly of perfluorocarbon monolayers on silicon nitride. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24445-24453.	10.3	10
22	An Unusual Mercury(II) Diisopropylthiocarbamate Coordination Polymer. <i>Crystal Growth and Design</i> , 2019, 19, 1125-1133.	3.0	12
23	Application of low-field, <sup>1</sup> H/ <sup>13</sup> 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.	1.8	8
24	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.	4.4	22
25	Salen-Based Metal Complexes and the Physical Properties of their Porous Organic Polymers. <i>Australian Journal of Chemistry</i> , 2019, 72, 916.	0.9	1
26	The utilisation of feed and byproducts of mineral carbonation processes as pozzolanic cement replacements. <i>Journal of Cleaner Production</i> , 2018, 186, 499-513.	9.3	43
27	Dynamic Nuclear Polarization NMR Spectroscopy of Polymeric Carbon Nitride Photocatalysts: Insights into Structural Defects and Reactivity. <i>Angewandte Chemie</i> , 2018, 130, 6964-6968.	2.0	27
28	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.	13.8	53
29	From Lead(II) Dithiocarbamate Precursors to a Fast Response PbS Positive Temperature Coefficient Thermistor. <i>Inorganic Chemistry</i> , 2018, 57, 2132-2140.	4.0	23
30	Superphenylphosphines: Nanographene-Based Ligands That Control Coordination Geometry and Drive Supramolecular Assembly. <i>Journal of the American Chemical Society</i> , 2018, 140, 1131-1141.	13.7	22
31	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.	5.5	12
32	Electroactive Co(salen) metal complexes and the electrophoretic deposition of their porous organic polymers onto glassy carbon. <i>RSC Advances</i> , 2018, 8, 24128-24142.	3.6	18
33	Preparation, characterization and in vitro biological evaluation of (1:2) phenoxodiol- $\beta$ -cyclodextrin complex. <i>Carbohydrate Polymers</i> , 2017, 165, 444-454.	10.2	24
34	Versatile oligomers and polymers from flavonoids – a new approach to synthesis. <i>Polymer Chemistry</i> , 2017, 8, 2317-2326.	3.9	17
35	Redox-State Dependent Spectroscopic Properties of Porous Organic Polymers Containing Furan, Thiophene, and Selenophene. <i>Australian Journal of Chemistry</i> , 2017, 70, 1227.	0.9	3
36	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.	8.0	36

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37	LocMAP: A new localization method for the parametric processing of high resolution NMR data. <i>Journal of Magnetic Resonance</i> , 2017, 282, 62-70.	2.1	4
38	Localised high resolution spectral estimator for resolving superimposed peaks in NMR signals. <i>Signal Processing</i> , 2017, 130, 343-354.	3.7	5
39	Evidence of Decoupling Protein Structure from Spidroin Expression in Spider Dragline Silks. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1294.	4.1	14
40	Micro- and Nanostructured Biomaterials for Sutureless Tissue Repair. <i>Advanced Healthcare Materials</i> , 2016, 5, 401-414.	7.6	25
41	Intramolecular H $\alpha$ -S interactions in metal di-(isopropyl)dithiocarbamate complexes. <i>CrystEngComm</i> , 2016, 18, 7070-7077.	2.6	11
42	Gecko-inspired chitosan adhesive for tissue repair. <i>NPG Asia Materials</i> , 2016, 8, e280-e280.	7.9	50
43	Mineral- Biochar Composites: Molecular Structure and Porosity. <i>Environmental Science &amp; Technology</i> , 2016, 50, 7706-7714.	10.0	148
44	NMR spectroscopy to follow reaction progress in ionic liquids. <i>Magnetic Resonance in Chemistry</i> , 2016, 54, 423-428.	1.9	12
45	Persistence of a self-complementary N $\alpha$ -H $\alpha$ -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.	2.6	15
46	Molecular structures driving pseudo-capacitance in hydrothermal nanostructured carbons. <i>RSC Advances</i> , 2016, 6, 12964-12976.	3.6	28
47	Redox tunable viologen-based porous organic polymers. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2535-2544.	5.5	55
48	Site-specific synthesis of a hybrid boron-graphene salt. <i>Chemical Communications</i> , 2016, 52, 1290-1292.	4.1	3
49	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, 22195-22203.	2.8	3
50	Bioactive poly(methyl methacrylate) for bone fixation. <i>RSC Advances</i> , 2015, 5, 60681-60690.	3.6	5
51	The electronic, optical and magnetic consequences of delocalization in multifunctional donor-acceptor organic polymers. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11252-11259.	2.8	17
52	Feeding Biochar to Cows: An Innovative Solution for Improving Soil Fertility and Farm Productivity. <i>Pedosphere</i> , 2015, 25, 666-679.	4.0	74
53	Purity assessment of organic calibration standards using a combination of quantitative NMR and mass balance. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3103-3113.	3.7	33
54	Chitosan as a Biomaterial: Influence of Degree of Deacetylation on Its Physicochemical, Material and Biological Properties. <i>PLoS ONE</i> , 2015, 10, e0135153.	2.5	115

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55	Incorporation of 5-hydroxyindazole into the Self-Polymerization of Dopamine for Novel Polymer Synthesis. <i>Macromolecular Rapid Communications</i> , 2014, 35, 291-297.	3.9	20
56	Exploiting stable radical states for multifunctional properties in triarylamine-based porous organic polymers. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12466-12474.	10.3	33
57	Characterization of Soil Organic Matter in Aggregates and Size-Density Fractions by Solid State $^{13}\text{C}$ CP/MAS NMR Spectroscopy. <i>Communications in Soil Science and Plant Analysis</i> , 2014, 45, 1523-1537.	1.4	21
58	Microstructural characterization of white charcoal. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 109, 215-221.	5.5	24
59	Carborane functionalization of the aromatic network in chemically-synthesized graphene. <i>Chemical Communications</i> , 2014, 50, 11332.	4.1	23
60	Shifting paradigms: development of high-efficiency biochar fertilizers based on nano-structures and soluble components. <i>Carbon Management</i> , 2013, 4, 323-343.	2.4	310
61	Molecular interactions in coupled PMMA-bioglass hybrid networks. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1835.	5.8	34
62	An investigation into the supramolecular structure, solubility, stability and antioxidant activity of rutin/cyclodextrin inclusion complex. <i>Food Chemistry</i> , 2013, 136, 186-192.	8.2	140
63	Synthesis of per-deuterated alkyl amines for the preparation of deuterated organic pyromellitimide gelators. <i>Tetrahedron Letters</i> , 2013, 54, 2538-2541.	1.4	12
64	Functionalizing Biodegradable Dextran Scaffolds Using Living Radical Polymerization: New Versatile Nanoparticles for the Delivery of Therapeutic Molecules. <i>Molecular Pharmaceutics</i> , 2012, 9, 3046-3061.	4.6	63
65	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, 2057-2063.	3.7	18
66	Polymorphism and a Metastable Solvate of Duloxetine Hydrochloride. <i>Molecular Pharmaceutics</i> , 2011, 8, 2454-2464.	4.6	15
67	Recent Advances in the NMR Spectroscopy of Chlorine, Bromine and Iodine. <i>Annual Reports on NMR Spectroscopy</i> , 2011, 73, 63-82.	1.5	8
68	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.	0.2	6
69	In-situ preparation of poly(2-hydroxyethyl methacrylate)-titania hybrids using $\gamma$ -radiation. <i>Polymer</i> , 2011, 52, 4471-4479.	3.8	9
70	An oxidative carbon-carbon bond-forming reaction proceeds via an isolable iminium ion. <i>Pure and Applied Chemistry</i> , 2011, 83, 655-665.	1.9	72
71	Dynamics of water in agar gels studied using low and high resolution $^1\text{H}$ NMR spectroscopy. <i>International Journal of Food Science and Technology</i> , 2010, 45, 2502-2507.	2.7	38
72	An investigation into the reactions of biochar in soil. <i>Soil Research</i> , 2010, 48, 501.	1.1	840

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73	Photochemical tissue bonding with chitosan adhesive films. <i>BioMedical Engineering OnLine</i> , 2010, 9, 47.	2.7	46
74	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, 1873-1878.	2.8	53
75	Dihydromyricetin hexaacetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2627-o2627.	0.2	1
76	<sup>79</sup> Br NMR spectroscopy as a practical tool for kinetic analysis. <i>Magnetic Resonance in Chemistry</i> , 2009, 47, 342-347.	1.9	7
77	Synthesis and NMR characterization of the methyl esters of eicosapentaenoic acid monoepoxides. <i>Chemistry and Physics of Lipids</i> , 2009, 159, 30-37.	3.2	7
78	Ionic Liquids: Just Molten Salts After All?. <i>Molecules</i> , 2009, 14, 2521-2534.	3.8	51
79	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.	2.8	76
80	Duloxetine hydrochloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2294-o2294.	0.2	5
81	Heterogeneously catalysed crosslinking of polycarbosilane with divinylbenzene. <i>Journal of Materials Science</i> , 2008, 43, 2666-2674.	3.7	27
82	A solid-state NMR study of the interaction of fish antifreeze proteins with phospholipid membranes. <i>European Biophysics Journal</i> , 2008, 37, 1031-1038.	2.2	12
83	Functionalization of Halloysite Clay Nanotubes by Grafting with <sup>13</sup> C-Aminopropyltriethoxysilane. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15742-15751.	3.1	827
84	The Use of qNMR for the Analysis of Agrochemicals. , 2008, , 291-315.		4
85	The importance of solvent reorganisation in the effect of an ionic liquid on a unimolecular substitution process. <i>Chemical Communications</i> , 2008, , 3576.	4.1	74
86	Biosynthesis and Characterization of Deuterated Polyhydroxyoctanoate. <i>Biomacromolecules</i> , 2006, 7, 1344-1349.	5.4	24
87	Hyperforin and its analogues inhibit CYP3A4 enzyme activity. <i>Phytochemistry</i> , 2006, 67, 2550-2560.	2.9	62
88	A natural-synthetic hybrid copolymer of polyhydroxyoctanoate-diethylene glycol: biosynthesis and properties. <i>Polymer</i> , 2005, 46, 6587-6594.	3.8	35
89	Substitution reactions in ionic liquids. A kinetic study. <i>Tetrahedron Letters</i> , 2005, 46, 7641-7645.	1.4	71
90	Dolichol is the major lipid component of human substantia nigra neuromelanin. <i>Journal of Neurochemistry</i> , 2005, 92, 990-995.	3.9	61

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91	Titanium Dioxide Nanoparticles Functionalized with Pd and W Complexes of a Catecholphosphane Ligand. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 496-503.	2.0	23
92	Chitosan adhesive for laser tissue repair: In vitro characterization. <i>Lasers in Surgery and Medicine</i> , 2005, 36, 193-201.	2.1	59
93	A synthetic, structural, and $^{113}\text{Cd}$ NMR study of cadmium complexes of 1,3-thiazolidine-2-thionate,		

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109	Examination of the effect of crystal packing forces on geometric parameters: a combined crystallographic and theoretical study of 2,2'-bipyridyl adducts of R <sub>2</sub> SnCl <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2000, 215, .	0.8	33
110	CRYSTAL STRUCTURE OF BIS(TRIFLUOROACETATO)- DIBUTYL TIN 1,10-PHENANTHROLINE. <i>Main Group Metal Chemistry</i> , 1999, 22, .	1.6	3
111	AMMONIUM DI(CARBOXYLATO)TRIPHENYLSTANNATES. CRYSTAL STRUCTURES OF DICYCLOHEXYLAMMONIUM BIS(TRIFLUOROACETATO) TRIPHENYLSTANNATE, DIISOPROPYLAMMONIUM BIS[BIS(N,N-DIMETHYLTHIO-CARBAMOYLTHIO)ACETATO]-TRIPHENYLSTANNATE AND 2,2'-IMINODIPYRIDINIUM BIS(TRIFLUOROACETATO)TRIPHENYLSTANNATE. <i>Main Group Metal Chemistry</i> , 1999, 22, .	1.6	11
112	Diisopropylammonium oxalatotriphenylstannate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 310-312.	0.4	8
113	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.	0.4	3
114	catena-Poly[triphenyltin-1/4-(N,N-diethylthiocarbamoylthioacetato-O')], catena-poly[triphenyltin-1/4-(N-methyl-N-phenylthiocarbamoylthioacetato-O')], and triphenyl(N,N-tetramethylenethiocarbamoylthioacetato-O)tin. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999, 55, 744-748.	0.4	2
115	Multinuclear solid-state NMR study of cadmium- and lead-exchanged LTA zeolites. <i>Magnetic Resonance in Chemistry</i> , 1999, 37, S63-S68.	1.9	10
116	Tetraaryl-methane analogues in group 14 <sup>IV</sup> . Distortion of tetrahedral geometry in terms of through-space $\pi$ - $\pi$ and $\pi$ - $\pi^*$ interactions and NMR sagging in terms of $\pi$ - $\pi^*$ charge transfer. <i>Polyhedron</i> , 1998, 17, 4497-4506.	2.2	15
117	NMR relaxation studies of porous sol-gel glasses. <i>Magnetic Resonance Imaging</i> , 1998, 16, 511-513.	1.8	15
118	Reaction of Vanadate with Aquatic Humic Substances: An ESR and 51V NMR Study. <i>Environmental Science &amp; Technology</i> , 1998, 32, 2257-2263.	10.0	95
119	14N NMR Spectroscopy of Nitrate Co-ions in Ionomer Membranes. <i>Macromolecules</i> , 1997, 30, 4357-4362.	4.8	6
120	Study of the Structure and Mechanism of Formation through Self-Assembly of Mesostructured Vanadium Oxide. <i>Chemistry of Materials</i> , 1997, 9, 2731-2744.	6.7	60
121	Novel Coordination Isomerization in Organotin(IV) Compounds. Synthesis, Molecular Structures, and NMR Studies of LSnPhX <sub>2</sub> (X = Ph, Cl, Br, I, SPh), LCH <sub>2</sub> SnPhX <sub>2</sub> (X = Ph, Cl, Br, I), and LSiPh <sub>3</sub> , Where LH Is (2-MeO-3-tBu-5-Me-C <sub>6</sub> H <sub>2</sub> ) <sub>2</sub> CH <sub>2</sub> . <i>Organometallics</i> , 1997, 16, 3696-3706.	2.3	19
122	Reaction of aquatic humic substances with aluminium: a 27 Al NMR study. <i>Marine and Freshwater Research</i> , 1997, 48, 377.	1.3	24
123	The Use of Phosphine as an Agricultural Fumigant. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996, 111, 89-89.	1.6	1
124	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.	0.4	13
125	Solid-state mercury-199 NMR of hexakis (dimethyl sulphoxid) mercury (II) trifluoromethanesulphonate: A new standard for mercury-199 CP/MAS experiments. <i>Magnetic Resonance in Chemistry</i> , 1995, 33, 77-79.	1.9	23
126	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.	1.9	118



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127	Synthesis and Characterization of Mesostructured Vanadium Oxide. <i>Chemistry of Materials</i> , 1995, 7, 2220-2223.	6.7	93
128	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	45
129	Orientation effects in the deuterium NMR spectroscopy of perfluorinated ionomer membranes. <i>Solid State Ionics</i> , 1994, 67, 241-248.	2.7	21
130	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.	1.5	2
131	The influence of steric effects in substituted 2,2'-bipyridine on the spin state of iron(II) in [FeN <sub>6</sub> ] <sup>2+</sup> systems. <i>Inorganica Chimica Acta</i> , 1990, 173, 19-30.	2.4	46
132	Recent developments in the Birch reduction of aromatic compounds: applications to the synthesis of natural products. <i>Natural Product Reports</i> , 1986, 3, 35.	10.3	104
133	Studies on gibberellin synthesis: the total synthesis of gibberellic acid from hydrofluorenone intermediates. <i>Journal of Organic Chemistry</i> , 1984, 49, 3250-3260.	3.2	20
134	A Simple and Efficient Synthesis of Ethyl and Methyl Glyoxylate. <i>Synthetic Communications</i> , 1984, 14, 83-87.	2.1	50
135	Biosynthesis of vitamin B12: analysis of the <sup>1</sup> H and <sup>13</sup> C n.m.r. spectra of heptamethyl dicyanocobyrinate (cobester). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1982, , 2265.	0.9	26
136	Biosynthesis of vitamin B12: preparation of specifically deuteriated heptamethyl dicyanocobyrinate for study by <sup>2</sup> H n.m.r. spectroscopy. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 181.	2.0	3
137	Reductive alkylation of 2-methoxybenzoic acid derivatives. <i>Tetrahedron Letters</i> , 1982, 23, 1095-1098.	1.4	27
138	Total synthesis of gibberellic acid. The hydrofluorene route. <i>Journal of the American Chemical Society</i> , 1980, 102, 6628-6629.	13.7	40
139	Reductive alkylation of 2,5-dimethoxybenzoic acid: a direct synthesis of dihydrofluoren-2-ones. <i>Journal of Organic Chemistry</i> , 1980, 45, 1722-1724.	3.2	35
140	Reductive Alkylation of 2,5-Dimethoxybenzoic Acid; A Direct Synthesis of Tetrahydrophenanthren-2-ones. <i>Synthesis</i> , 1979, 1979, 374-376.	2.3	15