

List of Publications by Year in descending order

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62
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101
g-index

534
all docs

534
docs citations

534
times ranked

13073
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#	ARTICLE	IF	CITATIONS
1	Purification of C60 and C70 by selective complexation with calixarenes. <i>Nature</i> , 1994, 368, 229-231.	13.7	624
2	Green chemistry and the health implications of nanoparticles. <i>Green Chemistry</i> , 2006, 8, 417.	4.6	580
3	Title is missing!. <i>Chemical Communications</i> , 2001, , 2159-2169.	2.2	458
4	Understanding Solid/Solid Organic Reactions. <i>Journal of the American Chemical Society</i> , 2001, 123, 8701-8708.	6.6	408
5	Multi-step continuous-flow synthesis. <i>Chemical Society Reviews</i> , 2017, 46, 1250-1271.	18.7	403
6	Metal sulfonatocalix[4,5]arene complexes: bi-layers, capsules, spheres, tubular arrays and beyond. <i>Coordination Chemistry Reviews</i> , 2001, 222, 3-32.	9.5	358
7	Ball and Socket Nanostructures: New Supramolecular Chemistry Based on Cyclotrimeratrylene. <i>Journal of the American Chemical Society</i> , 1994, 116, 10346-10347.	6.6	248
8	Vortex fluidic exfoliation of graphite and boron nitride. <i>Chemical Communications</i> , 2012, 48, 3703.	2.2	245
9	Sulfonatocalixarenes: molecular capsule and "Russian doll" arrays to structures mimicking viral geometry. <i>Chemical Communications</i> , 2006, , 4567-4574.	2.2	175
10	Toward Mimicking Viral Geometry with Metal-Organic Systems. <i>Journal of the American Chemical Society</i> , 2004, 126, 13170-13171.	6.6	149
11	Engineering of porous "stacked solids using mechanochemistry. <i>Chemical Communications</i> , 2001, , 1062-1063.	2.2	148
12	C60 and C70 Compounds in the Pincerlike Jaws of Calix[6]arene. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 981-983.	7.2	146
13	Paramagnetic Bis(1,4-di-tert-butyl-1,4-diazabutadiene) Adducts of Lithium, Magnesium, and Zinc. <i>Inorganic Chemistry</i> , 1994, 33, 2456-2461.	1.9	139
14	Advances in the chemistry of Lewis base adducts of alane and gallane. <i>Coordination Chemistry Reviews</i> , 1997, 166, 1-34.	9.5	122
15	Toward benign syntheses of pyridines involving sequential solvent free aldol and Michael addition reactions. <i>Chemical Communications</i> , 2000, , 2199-2200.	2.2	118
16	Nitrate removal from liquid effluents using microalgae immobilized on chitosan nanofiber mats. <i>Green Chemistry</i> , 2012, 14, 2682.	4.6	114
17	Lewis base adducts of alane and gallane. <i>Polyhedron</i> , 1993, 12, 1829-1848.	1.0	109
18	Chemoselective, solvent-free aldol condensation reaction. <i>Green Chemistry</i> , 2000, 2, 49-52.	4.6	107

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19	Supramolecular Complexation of 1,2-Dicarbododecaborane(12). <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 504-506.	4.4	101
20	pH-Dependent Formation of Molecular Capsules and Coordination Polymers. <i>Crystal Growth and Design</i> , 2004, 4, 227-234.	1.4	101
21	Symmetry-Aligned Supramolecular Encapsulation of C60: [C60@S(L)2], L=p-Benzylcalix[5]arene or p-Benzylhexahomoxacalix[3]arene. <i>Chemistry - A European Journal</i> , 1999, 5, 990-996.	1.7	99
22	Russian doll assembled superanion capsule "metal ion complexes: combinatorial supramolecular chemistry in aqueous media. <i>Dalton Transactions RSC</i> , 2000, , 2483-2492.	2.3	99
23	Cyclotrimeratrylene polarisation assisted aggregation of C60. <i>Chemical Communications</i> , 1996, , 1449.	2.2	96
24	Optimising a vortex fluidic device for controlling chemical reactivity and selectivity. <i>Scientific Reports</i> , 2013, 3, 2282.	1.6	93
25	Confinement of Amino Acids in Tetra-p-Sulfonated Calix[4]arene Bilayers. <i>Crystal Growth and Design</i> , 2002, 2, 171-176.	1.4	92
26	Hirshfeld Surface Analysis of Substituted Phenols. <i>Crystal Growth and Design</i> , 2010, 10, 5302-5306.	1.4	91
27	Tertiary amine stabilized dialane. <i>Journal of the American Chemical Society</i> , 1991, 113, 8183-8185.	6.6	90
28	Self-Assembly of Grid and Helical Hydrogen-Bonded Arrays Incorporating Bowl-Shaped Receptor Sites That Bind Globular Molecules. <i>Chemistry - A European Journal</i> , 1999, 5, 1828-1833.	1.7	89
29	Supramolecular assemblies of p-sulfonatocalix[4]arene with aquated trivalent lanthanide ions. <i>Dalton Transactions RSC</i> , 2002, , 4351-4356.	2.3	89
30	Confinement and recognition of icosahedral main group cage molecules: fullerene C60 and o-, m-, p-dicarbododecaborane(12). <i>Chemical Communications</i> , 1999, , 1153-1163.	2.2	88
31	Capture of di-protonated [2.2.2]cryptand in the cavity of two p-sulfonated calixarenes as part of 2-D bi-layer lanthanide coordination polymers. <i>Chemical Communications</i> , 2002, , 2216-2217.	2.2	88
32	Poly(ethyleneglycol)(PEG): a versatile reaction medium in gaining access to 4-(pyridyl)-terpyridines. <i>Green Chemistry</i> , 2005, 7, 650.	4.6	88
33	Self-Assembled Superanions: Ionic Capsules Stabilized by Polynuclear Chromium(III) Aqua Cations. <i>Chemistry - A European Journal</i> , 1999, 5, 2295-2299.	1.7	87
34	Direct Preparation of Monoarylidene Derivatives of Aldehydes and Enolizable Ketones with DIMCARB. <i>Organic Letters</i> , 2003, 5, 3107-3110.	2.4	86
35	Facile and Green Approach To Fabricate Gold and Silver Coated Superparamagnetic Nanoparticles. <i>Crystal Growth and Design</i> , 2009, 9, 2685-2689.	1.4	81
36	Shear-Stress-Mediated Refolding of Proteins from Aggregates and Inclusion Bodies. <i>ChemBioChem</i> , 2015, 16, 393-396.	1.3	80

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37	Vortex Fluidic Chemical Transformations. <i>Chemistry - A European Journal</i> , 2017, 23, 13270-13278.	1.7	78
38	Aluminium-fused bis-p-tert-butylcalix[4]arene: a double cone with two π -arene \cdots H interactions for included methylene chloride. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1349-1351.	2.0	77
39	Scandium(III) Coordination Polymers Containing Capsules Based on Two p-Sulfonatocalix[4]arenes. <i>Chemistry - A European Journal</i> , 2001, 7, 3616.	1.7	75
40	Critical evaluation of process parameters for direct biodiesel production from diverse feedstock. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 123, 109762.	8.2	75
41	Diatom frustules as light traps enhance DSSC efficiency. <i>Nanoscale</i> , 2013, 5, 873-876.	2.8	74
42	Clean, efficient syntheses of cyclotrimeratrylene (CTV) and tris-(O-allyl)CTV in an ionic liquid. <i>Green Chemistry</i> , 2000, 2, 123-126.	4.6	73
43	Main group conjugated organic anion chemistry. 3. Application of magnesium-anthracene compounds in the synthesis of Grignard reagents. <i>Journal of Organic Chemistry</i> , 1988, 53, 3134-3140.	1.7	72
44	Controlling van der Waals Contacts in Complexes of Fullerene C60. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3254-3257.	7.2	72
45	Engineering Nanorrafts of Calixarene Polyphosphonates. <i>Chemistry - A European Journal</i> , 2008, 14, 3931-3938.	1.7	72
46	Encapsulation and controlled release of nutraceuticals using mesoporous silica capsules. <i>Journal of Materials Chemistry</i> , 2008, 18, 162-165.	6.7	72
47	Self-associated, π -Distillable π -Ionic Media. <i>Molecules</i> , 2004, 9, 387-393.	1.7	71
48	Solvent-free, direct synthesis of supramolecular nano-capsules. <i>Chemical Communications</i> , 2005, , 892.	2.2	71
49	Size Selective Synthesis of Superparamagnetic Nanoparticles in Thin Fluids under Continuous Flow Conditions. <i>Advanced Functional Materials</i> , 2008, 18, 922-927.	7.8	71
50	Controlling the Conformation and Interplay of p-Sulfonatocalix[6]arene as Lanthanide Crown Ether Complexes. <i>Chemistry - A European Journal</i> , 2003, 9, 2834-2839.	1.7	70
51	Calixarenes as platforms for the construction of multimetallic complexes. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4125-4136.	0.8	70
52	Host-Guest Complexes with p-Sulfonatocalix[4,5]arenes Charged Crown Ethers and Lanthanides: Factors Affecting Molecular Capsule Formation. <i>Crystal Growth and Design</i> , 2006, 6, 174-180.	1.4	70
53	The first monomeric crystalline tin(II) alkyls; X-ray structures of the β -N-functionalised alkyls Sn(R)X [R ₁ , = Cl, (SiMe ₃) ₂ C ₅ H ₄ N ⁺ and X ₁ , = R ₁ , Cl, or N ₁ , (SiMe ₃) ₂]. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, .	2.0	68
54	Mercury(II) Immobilized on Carbon Nanotubes: Synthesis, Characterization, and Redox Properties. <i>Langmuir</i> , 2000, 16, 6004-6012.	1.6	68

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55	Shear induced formation of carbon and boron nitride nano-scrolls. <i>Nanoscale</i> , 2013, 5, 498-502.	2.8	68
56	Selective single crystal complexation of l- or d-leucine by p-sulfonatocalix[6]arene. <i>Chemical Communications</i> , 2005, , 337.	2.2	67
57	Lanthanide-induced helical arrays of [Co(III) sepulchrate]@p-sulfonatocalix[4]arene supermolecules. <i>Chemical Communications</i> , 2006, , 950-952.	2.2	65
58	Organo-magnesium reagents: the crystal structures of [Mg(anthracene)(THF) ₃] and [Mg(triphenylmethyl)Br(OEt) ₂]. <i>Journal of Organometallic Chemistry</i> , 1988, 341, 39-51.	0.8	64
59	Selective isolation of Keggin ions using self-assembled superanion capsules. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3639-3642.	1.1	64
60	Solvent-free synthesis of calix[4]resorcinarenes. <i>Green Chemistry</i> , 2001, 3, 280-284.	4.6	64
61	Loading Molecular Hydrogen Cargo within Viruslike Nanocontainers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6362-6366.	7.2	64
62	Direct synthesis of calixarenes with extended arms: p-phenylcalix[4,5,6,8]arenes and their water-soluble sulfonated derivatives. <i>Tetrahedron Letters</i> , 2001, 42, 6215-6217.	0.7	63
63	Syntheses and crystal structures of complexes [M ₂ R ₂] [M = Cu, Ag, or Au; R = 2-C(SiMe ₃) ₂ C ₅ H ₄ N] and [Cu ₄ R ₄] [R = 2-CH(SiMe ₃)C ₅ H ₄ N]; electrochemical generation of [Cu ₂ R ₂] ²⁺ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 3085-3091.	1.1	62
64	Lithiation of 2-Me ₃ SiCHRC ₅ H ₄ N (R = H or SiMe ₃): influence of solvent on the nature of the product (from X-ray structure determinations) and asymmetric induction. A note on the lithiation of some analogous 3- and 4-methylpyridines. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 1161.	1.1	62
65	Evidence for Nucleation-Growth, Redistribution, and Dissolution Mechanisms during the Course of Redox Cycling Experiments on the C ₆₀ /NBu ₄ C ₆₀ Solid-State Redox System: A Voltammetric, SEM, and in Situ AFM Studies. <i>Journal of Physical Chemistry B</i> , 1999, 103, 5637-5644.	1.2	62
66	Bilayers, Corrugated Bilayers, and Coordination Polymers of p-Sulfonatocalix[6]arene. <i>Inorganic Chemistry</i> , 2004, 43, 6351-6356.	1.9	62
67	A complex 3D wavy brick wall™ coordination polymer based on p-sulfonatocalix[8]arene. <i>New Journal of Chemistry</i> , 2005, 29, 649.	1.4	62
68	Interplay of p-Sulfonatocalix[4]arene and Crown Ethers En Route to Molecular Capsules and Russian Dolls. <i>Chemistry - A European Journal</i> , 2006, 12, 2772-2777.	1.7	61
69	Structural Diversity of Host-Guest and Intercalation Complexes of Fullerene C ₆₀ . <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 507-517.	1.0	61
70	Protein Dimerization on a Phosphonated Calix[6]arene Disc. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5517-5521.	7.2	61
71	Biogenic production of palladium nanocrystals using microalgae and their immobilization on chitosan nanofibers for catalytic applications. <i>RSC Advances</i> , 2013, 3, 1009-1012.	1.7	60
72	Functional multi-layer graphene-algae hybrid material formed using vortex fluidics. <i>Green Chemistry</i> , 2013, 15, 650.	4.6	60

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73	Synthesis of pyridine functionalised, sterically hindered lithium and copper (I) alkyls; crystal structures of $[\{2-(\text{Me}_3\text{Si})_2\text{C}(\text{M})\text{C}_5\text{H}_4\text{N}\}_2]$ (M = Li or Cu), dimeric compounds free of multicentre bonding. <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 1419.	2.0	58
74	Supramolecular Chemistry of Anionic Cobalt(III) Bis(dicarbollide) and Cyclotriveratrylene in the Solid State and the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3835-3839.	7.2	58
75	p-Phosphonic acid calix[8]arene assisted exfoliation and stabilization of 2D materials in water. <i>Chemical Communications</i> , 2012, 48, 11407.	2.2	58
76	Efficient Production of Phosphorene Nanosheets via Shear Stress Mediated Exfoliation for Low-temperature Perovskite Solar Cells. <i>Small Methods</i> , 2019, 3, 1800521.	4.6	58
77	Supramolecular encapsulation of aggregates of C ₆₀ . <i>Chemical Communications</i> , 1996, , 2615.	2.2	57
78	Photoredox catalysis under shear using thin film vortex microfluidics. <i>Chemical Communications</i> , 2015, 51, 11041-11044.	2.2	57
79	Supramolecular Assemblies of 1,2-Dicarbododecaborane(12) with Bowl-Shaped Calix[5]arene. , 1999, 1999, 195-200.		55
80	Surfactant-free Fabrication of Fullerene C ₆₀ Nanotubes Under Shear. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8398-8401.	7.2	55
81	Alkylaluminum Cations: Synthesis and Structure of. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 681-682.	4.4	54
82	Lanthanum(III) capture of 18-crown-6 in the cavity of p-sulfonatocalix[4]arene. <i>Chemical Communications</i> , 1999, , 1135-1136.	2.2	54
83	Rapid capture of 4,13-diaza-18-crown-6 molecules by p-sulfonatocalix[4]arene in the presence of trivalent lanthanide ions. <i>Dalton Transactions</i> , 2003, , 287-290.	1.6	54
84	Pd(II) conjugated chitosan nanofibre mats for application in Heck cross-coupling reactions. <i>Chemical Communications</i> , 2011, 47, 12292.	2.2	54
85	Rapid Vortex Fluidics: Continuous Flow Synthesis of Amides and Local Anesthetic Lidocaine. <i>Chemistry - A European Journal</i> , 2015, 21, 10660-10665.	1.7	54
86	Tertiary amine adducts of gallane: gallane-rich $[\{\text{GaH}_3\}_2(\text{TMEDA})]$ (TMEDA = $\text{N,N,N',N'-tetramethylethylenediamine}$). <i>Chemistry</i> , 1991, 30, 3792-3793.	1.9	53
87	Recent developments in the chemistry of alane (AlH ₃) and gallane (GaH ₃). <i>Journal of Organometallic Chemistry</i> , 1994, 475, 15-24.	0.8	53
88	Supramolecular assemblies of globular main group cage species. <i>Coordination Chemistry Reviews</i> , 1999, 189, 169-198.	9.5	53
89	Fluid dynamic lateral slicing of high tensile strength carbon nanotubes. <i>Scientific Reports</i> , 2016, 6, 22865.	1.6	53
90	Encapsulation and Sustained Release of Curcumin using Superparamagnetic Silica Reservoirs. <i>Chemistry - A European Journal</i> , 2009, 15, 5661-5665.	1.7	52

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91	Paclitaxel-loaded phosphonated calixarene nanovesicles as a modular drug delivery platform. <i>Scientific Reports</i> , 2016, 6, 23489.	1.6	52
92	Stable tertiary phosphine adducts of alane. <i>Organometallics</i> , 1992, 11, 1457-1459.	1.1	51
93	Mixed-donor and monomeric N-donor adducts of alane. <i>Inorganic Chemistry</i> , 1993, 32, 3482-3487.	1.9	51
94	Controlled Scalable Synthesis of ZnO Nanoparticles. <i>Chemistry of Materials</i> , 2007, 19, 5453-5459.	3.2	51
95	Accelerating Enzymatic Catalysis Using Vortex Fluidics. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11387-11391.	7.2	51
96	Optimisation of biorefinery production of alginate, fucoidan and laminarin from brown seaweed <i>Durvillaea potatorum</i> . <i>Algal Research</i> , 2019, 38, 101389.	2.4	51
97	Reactions of gallium hydrides with 1,4-di- <i>t</i> -butyl-1,4-diazabutadiene; subvalent and hydrometallation products. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1203.	2.0	50
98	Aza-Crown Ether: 1,2-Dicarbododecaborane(12) Supramolecular Assemblies. <i>Journal of the American Chemical Society</i> , 1997, 119, 9283-9284.	6.6	50
99	Agem-Organodizinc Species Assembled in a Tetrameric Cage. <i>Organometallics</i> , 1998, 17, 779-782.	1.1	50
100	Confinement of (S)-serine in tetra- <i>p</i> -sulfonatocalix[4]arene bilayers. <i>Dalton Transactions</i> , 2003, , 2923.	1.6	50
101	Gallium metal mediated allylation of carbonyl compounds and imines under solvent-free conditions. <i>Tetrahedron Letters</i> , 2004, 45, 243-248.	0.7	50
102	Continuous flow nano-technology: manipulating the size, shape, agglomeration, defects and phases of silver nano-particles. <i>Lab on A Chip</i> , 2007, 7, 1800.	3.1	50
103	Microfluidic size selective growth of palladium nano-particles on carbon nano-onions. <i>Chemical Communications</i> , 2012, 48, 10102.	2.2	50
104	Entrapment of <i>Chlorella vulgaris</i> cells within graphene oxide layers. <i>RSC Advances</i> , 2013, 3, 8180.	1.7	50
105	Controlling nanomaterial synthesis, chemical reactions and self assembly in dynamic thin films. <i>Chemical Society Reviews</i> , 2014, 43, 1387-1399.	18.7	50
106	Spinning up the polymorphs of calcium carbonate. <i>Scientific Reports</i> , 2014, 4, 3616.	1.6	50
107	Tenâ€Minute Protein Purification and Surface Tethering for Continuousâ€Flow Biocatalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2296-2301.	7.2	50
108	Syntheses and structural studies of [2-(6-methyl)pyridyl]- and (8-quinolyl)trimethylsilylamido-lithium complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 1011.	1.1	49

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127	Application of microfluidic technology in food processing. <i>Food and Function</i> , 2020, 11, 5726-5737.	2.1	44
128	A thermally stable alane- π -secondary amine adduct: [H ₃ Al(2,2,6,6-tetramethylpiperidine)]. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, .	2.0	43
129	Inter-digitation approach to encapsulation of C ₆₀ : [C ₆₀ π -(p-phenylcalix[5]arene) ₂] Dedicated to Professor Jerry L. Atwood on the occasion of his 60th birthday.. <i>Chemical Communications</i> , 2002, , 1446-1447.	2.2	43
130	Fine Tuning the Production of Nanosized β -Carotene Particles Using Spinning Disk Processing. <i>Journal of the American Chemical Society</i> , 2006, 128, 13847-13853.	6.6	43
131	A versatile approach for decorating 2D nanomaterials with Pd or Pt nanoparticles. <i>Chemical Communications</i> , 2013, 49, 1160-1162.	2.2	43
132	Crystal structure of dimeric N-lithiohexamethyldisilazane etherate, [(Et ₂ O)Li{ π -N(SiMe ₃) ₂ } ₂ Li(OEt ₂)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1983, , 1671-1673.	1.1	42
133	Syntheses and structures of highly hindered N-functionalised alkyl- π -group 2 metal complexes [M{NC ₅ H ₄ C(SiMe ₃) ₂ -2} ₂](M = Mg, Zn, Cd, or Hg). <i>Journal of the Chemical Society Chemical Communications</i> , 1986, , 672-674.	2.0	42
134	Main group-conjugated organic anion chemistry. 1. Synthesis of magnesium anthracene, silylated anthracenes, or fluoranthene tetrahydrofuran and tertiary amine complexes and of magnesium cyclooctatetraene: x-ray structure of [MgL(TMEDA)].cntdot.[MgL(THF) ₂] (L =) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 452 Td (9,10-bis(tri	1.1	42
135	Green light-emitting LaPO ₄ :Ce ³⁺ :Tb ³⁺ koosh nanoballs assembled by p-sulfonato-calix[6]arene coated superparamagnetic Fe ₃ O ₄ . <i>Chemical Communications</i> , 2010, 46, 3074.	2.2	42
136	Ni(ii) N ₄ -macrocycle grafted crown ether: caesium cobalt(iii) bis(dicarbollide) coordination polymer. <i>Chemical Communications</i> , 2002, , 16-17.	2.2	41
137	Constructing 2D porous material based on the assembly of large organic ions: p-sulfonatocalix[8]arene and tetraphenylphosphonium ions. <i>Chemical Communications</i> , 2006, , 511-513.	2.2	41
138	Magnetite ferrofluids stabilized by sulfonato-calixarenes. <i>Chemical Communications</i> , 2007, , 1948.	2.2	41
139	Magnesium anthracene: an alternative to magnesium in the high yield synthesis of Grignard reagents. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 1702.	2.0	40
140	Cationic aluminium hydrides: [H ₂ AlL]+[AlH ₄] π , L =N,N,N ⁺ ,N ⁺ ₃ ,N ⁺ ₃ -pentamethyldiethylenetriamine and 1,4,8,11-tetramethyl-1,4,8,11-tetraazacyclotetradecane. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 1697-1699.	2.0	40
141	Subvalent Group 14 metal compounds. Part 16. Synthesis, crystal structure and characterisation of some π -functionalised-alkyltin(II) complexes, SnR(X){R = C ₅ H ₄ N[C(SiMe ₃) ₂]-2; X = R, Cl or N(SiMe ₃) ₂ }. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 2653-2663.	1.1	40
142	Solution volume studies of a deep cavity inclusion complex of C ₆₀ : [p-benzylcalix[5]arene π , C ₆₀]. <i>Chemical Communications</i> , 1997, , 1839.	2.2	40
143	Exploiting phenyl embraces and π -stacking in the assembly of arrays of tetraphenylphosphonium p-sulfonatocalix[4]arene. <i>Chemical Communications</i> , 2004, , 1066-1067.	2.2	40
144	Benign approaches for the synthesis of bis-imine Schiff bases. <i>Green Chemistry</i> , 2006, 8, 50-53.	4.6	40

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145	Multinuclear metalocalix[4]arenes incorporating ethylzinc groups. <i>Chemical Communications</i> , 1996, , 2491.	2.2	39
146	Fabrication of carbon nano-tubes decorated with ultra fine superparamagnetic nano-particles under continuous flow conditions. <i>Lab on A Chip</i> , 2008, 8, 439.	3.1	39
147	Structural aspects of tertiary amine adducts of alane and gallane. <i>Inorganica Chimica Acta</i> , 1997, 259, 249-255.	1.2	38
148	Hydrogen-bonded arrays of a ytterbium(iii) p-sulfonatocalix[6]arene complex. <i>New Journal of Chemistry</i> , 2004, 28, 326.	1.4	38
149	Structural diversity of multi-component self-assembled systems incorporating p-sulfonatocalix[4]arene. <i>New Journal of Chemistry</i> , 2010, 34, 1802.	1.4	38
150	Multifunctional water-soluble molecular capsules based on p-phosphonic acid calix[5]arene. <i>Chemical Communications</i> , 2011, 47, 7353.	2.2	38
151	Wool deconstruction using a benign eutectic melt. <i>RSC Advances</i> , 2016, 6, 20095-20101.	1.7	38
152	Shear stress mediated scrolling of graphene oxide. <i>Carbon</i> , 2018, 137, 419-424.	5.4	38
153	Functional group reductions with Lewis base adducts of gallane. <i>Tetrahedron Letters</i> , 1994, 35, 5915-5918.	0.7	37
154	Hydride-Bridged Heterobimetallic Complexes of Zirconium and Aluminum. <i>Organometallics</i> , 1997, 16, 3252-3254.	1.1	37
155	Cyclam as a supramolecular synthon: infinite stacked arrays to encapsulation in superanions. <i>Chemical Communications</i> , 1999, , 1137-1138.	2.2	37
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