

Jerry L Atwood

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.

592
papers

30,065
citations

83
h-index

146
g-index

613
ext. papers

31,304
ext. citations

7.5
avg, IF

6.99
L-index

#	Paper	IF	Citations
592	Self-Assembly of a Semiconductive and Photoactive Heterobimetallic Metal-Organic Capsule. <i>Angewandte Chemie</i> , 2021 , 133, 10610-10614	3.6	2
591	Self-Assembly of a Semiconductive and Photoactive Heterobimetallic Metal-Organic Capsule. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10516-10520	16.4	8
590	Coordination Polymers Constructed from Pyrogallol[4]arene-Assembled Metal-Organic Nanocapsules. <i>Accounts of Chemical Research</i> , 2021 , 54, 3191-3203	24.3	3
589	Flexible Alkyl Tails Help Shape Matching and Close Packing in Self-Assembly of Supramolecular Structure. <i>Crystal Growth and Design</i> , 2021 , 21, 40-44	3.5	1
588	Solution structure of zinc-seamed -alkylpyrogallol[4]arene dimeric nanocapsules.. <i>RSC Advances</i> , 2021 , 11, 3342-3345	3.7	1
587	Molecular Entrapment of Polymers by Pyrogallol[4]arenes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 693-698	16.4	4
586	Quasi self-inclusion of a 1-D coordination polymer within a 2-D hydrogen-bonded grid: a chaperone effect. <i>Journal of Coordination Chemistry</i> , 2021 , 74, 162-168	1.6	0
585	Hierarchical Coordination Frameworks Based on Metal-Organic Dimeric Nanocapsules Comprising Praseodymium and Pyrogallol[4]arene. <i>Crystal Growth and Design</i> , 2021 , 21, 1891-1897	3.5	3
584	Controlled hierarchical self-assembly of networked coordination nanocapsules the use of molecular chaperones. <i>Chemical Science</i> , 2020 , 11, 12547-12552	9.4	7
583	Construction of Polymeric Metal-Organic Nanocapsule Networks via Supramolecular Coordination-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , 2020 , 142, 7270-7275	16.4	30
582	Machine Learning Assisted Synthesis of Metal-Organic Nanocapsules. <i>Journal of the American Chemical Society</i> , 2020 , 142, 1475-1481	16.4	42
581	An Indium-Seamed Hexameric Metal-Organic Cage as an Example of a Hexameric Pyrogallol[4]arene Capsule Conjoined Exclusively by Trivalent Metal Ions. <i>Angewandte Chemie</i> , 2020 , 132, 8139-8142	3.6	3
580	An Indium-Seamed Hexameric Metal-Organic Cage as an Example of a Hexameric Pyrogallol[4]arene Capsule Conjoined Exclusively by Trivalent Metal Ions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8062-8065	16.4	12
579	Novel keto-enol tautomerism in 1,3,5-trihydroxybenzene systems. <i>Chemical Communications</i> , 2020 , 56, 12985-12988	5.8	2
578	Cocrystallization of C-Propyl Pyrogallol[4]arene and the Pharmaceutical Gabapentin. <i>Journal of Chemical Crystallography</i> , 2019 , 49, 119-124	0.5	
577	Biomimetic Self-Assembly of Co-Seamed Hexameric Metal-Organic Nanocapsules. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9151-9154	16.4	16
576	Facile, one-pot, in aqua synthesis of catalytically competent gold nanoparticles using pyrogallol[4]arene as the sole reagent. <i>Chemical Communications</i> , 2019 , 55, 6261-6264	5.8	2

575	Borohydride stabilized gold-silver bimetallic nanocatalysts for highly efficient 4-nitrophenol reduction. <i>Nanoscale Advances</i> , 2019 , 1, 4665-4668	5.1	9
574	A Supramolecular Coordination-Polymer-Derived Electrocatalyst for the Oxygen Evolution Reaction. <i>Chemistry - A European Journal</i> , 2019 , 25, 4036-4039	4.8	19
573	Symbolic notation of clathrates. <i>Supramolecular Chemistry</i> , 2018 , 30, 510-513	1.8	
572	Sorption of CO ₂ in a hydrogen-bonded diamondoid network of sulfonylcalix[4]arenes. Dedicated to Prof. Jerry L. Atwood for 75th Birthday. View all notes. <i>Supramolecular Chemistry</i> , 2018 , 30, 540-544	1.8	3
571	Formation of Water Channels in the Crystalline Hydrates of Macroyclic Compounds. <i>Chemistry - A European Journal</i> , 2018 , 24, 3299-3304	4.8	3
570	A ML metal-organic nanocapsule with open windows using mixed macrocycles. <i>Chemical Communications</i> , 2018 , 54, 635-637	5.8	10
569	Ionothermal synthesis of magnetically-retrievable mesoporous carbons from alkyne-appended ionic liquids and demonstration of their use in selective dye removal. <i>New Journal of Chemistry</i> , 2018 , 42, 1979-1986	3.6	5
568	Phase dependent structural perturbation of a robust multicomponent assembled icosahedral array. <i>Chemical Communications</i> , 2018 , 54, 10824-10827	5.8	5
567	Hierarchical Self-Assembly of Supramolecular Coordination Polymers Using Giant Metal-Organic Nanocapsules as Building Blocks. <i>Chemistry - A European Journal</i> , 2018 , 24, 14335-14340	4.8	17
566	Metallosupramolecular Complexes Based on Pyrogallol[4]arenes. <i>Advances in Inorganic Chemistry</i> , 2018 , 247-276	2.1	5
565	On the non-innocence of the imidazolium cation in a rapid microwave synthesis of oleylamine-capped gold nanoparticles in an ionic liquid. <i>Chemical Communications</i> , 2018 , 54, 7523-7526	5.8	12
564	Site-Specific Metal Chelation Facilitates the Unveiling of Hidden Coordination Sites in an Fe/Fe-Seamed Pyrogallol[4]arene Nanocapsule. <i>Journal of the American Chemical Society</i> , 2018 , 140, 15611-15615	16.4	13
563	Oxidation State Distributions Provide Insight into Parameters Directing the Assembly of Metal-Organic Nanocapsules. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13022-13027	16.4	9
562	In situ redox reactions facilitate the assembly of a mixed-valence metal-organic nanocapsule. <i>Nature Communications</i> , 2018 , 9, 2119	17.4	18
561	Controlled 2D Assembly of Nickel-Seamed Hexameric Pyrogallol[4]arene Nanocapsules. <i>Journal of the American Chemical Society</i> , 2017 , 139, 2920-2923	16.4	45
560	Separation and In Situ Cocrystallization of C-Ethylresorcin[6]arenes with 1-(2-Pyridylazo)-2-naphthol. <i>Crystal Growth and Design</i> , 2017 , 17, 2919-2922	3.5	2
559	Preparation of Magnesium-Seamed C-Alkylpyrogallol[4]arene Nanocapsules with Varying Chain Lengths. <i>Chemistry - A European Journal</i> , 2017 , 23, 8520-8524	4.8	10
558	Conversion of Pregabalin to 4-Isobutylpyrrolidone-2. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 3095-3102	3	

557	Self-assembly of magnesium-seamed hexameric pyrogallol[4]arene nanocapsules. <i>Chemical Communications</i> , 2017 , 53, 4312-4314	5.8	25
556	Construction of Supramolecular Organic Frameworks Based on Noria and Bipyridine Type Spacers. <i>Crystal Growth and Design</i> , 2017 , 17, 7-10	3.5	13
555	Novel magnesium-seamed organic nanocapsules with hierarchical structural complexity. <i>Chemical Communications</i> , 2017 , 53, 12144-12147	5.8	6
554	Calixarenes in the Solid State 2017 ,		2
553	Application of Cocrystallization for the Separation of C-Ethylresorcin[6]arene from C-Ethylresorcin[4]arene. <i>Crystal Growth and Design</i> , 2017 , 17, 4060-4063	3.5	2
552	Preparation of Anionic Metal-Seamed Pyrogallol[4]arene Nanocapsules via Surface Functionalization. <i>Crystal Growth and Design</i> , 2017 , 17, 4541-4543	3.5	9
551	Self-assembly of ML metal-organic nanocapsules using mixed macrocycles. <i>Chemical Communications</i> , 2017 , 53, 9613-9615	5.8	10
550	Zinc(II)-Directed Self-Assembly of MetalOrganic Nanocapsules. <i>Crystal Growth and Design</i> , 2017 , 17, 4501-4503	3.5	10
549	Solid- and gas-phase structures and spectroscopic and chemical properties of tris(pentafluorosulfanyl)amine, N(SF ₅) ₃ , and bis(pentafluorosulfanyl)aminyl radical, N(SF ₅) ₂ . <i>Journal of Molecular Structure</i> , 2017 , 1132, 11-19	3.4	3
548	Macrocyclic Coordination Chemistry of Resorcin[4]arenes and Pyrogallol[4]arenes 2016 , 325-345		5
547	Noria: A Highly Xe-Selective Nanoporous Organic Solid. <i>Chemistry - A European Journal</i> , 2016 , 22, 12618-12638		34
546	Fluid dynamic lateral slicing of high tensile strength carbon nanotubes. <i>Scientific Reports</i> , 2016 , 6, 22865	4.9	43
545	Selective CO ₂ Adsorption in a Supramolecular Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4523-6	16.4	71
544	Syntheses and characterization of aryl-substituted pyrogallol[4]arenes and resorcin[4]arenes. <i>CrystEngComm</i> , 2016 , 18, 222-229	3.3	13
543	Manipulating three-dimensional gel network entanglement by thin film shearing. <i>Chemical Communications</i> , 2016 , 52, 4513-6	5.8	21
542	Selective CO ₂ Adsorption in a Supramolecular Organic Framework. <i>Angewandte Chemie</i> , 2016 , 128, 4599-4602	3.5	31
541	Metal exchange study of pyrogallol[4]arene based dimers. <i>CrystEngComm</i> , 2016 , 18, 4909-4913	3.3	4
540	Metal Organic Nanocapsules as Two-Dimensional Network Building Blocks. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 13159-13168	3.8	11

539	Investigating Reaction Conditions To Control the Self-Assembly of Cobalt-Seamed Nanocapsules. <i>Crystal Growth and Design</i> , 2016 , 16, 3562-3564	3.5	27
538	Frontispiece: Noria: A Highly Xe-Selective Nanoporous Organic Solid. <i>Chemistry - A European Journal</i> , 2016 , 22,	4.8	1
537	Process Development for Separation of Conformers from Derivatives of Resorcin[4]arenes and Pyrogallol[4]arenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 15202-15207	4.8	12
536	Selective Complexation in Three Component Cocrystals Composed of Pyrogallol[4]arene and Fluorescent Probes Pyrene and 1-(2-Pyridylazo)-2-naphthol. <i>Crystal Growth and Design</i> , 2015 , 15, 3992-3998	3.5	3
535	Establishing trends based on solvent system changes in cocrystals containing pyrogallol[4]arenes and fluorescent probes rhodamine B and pyronin Y. <i>CrystEngComm</i> , 2015 , 17, 4475-4485	3.3	4
534	Separation of Active Pharmaceutical Ingredients (APIs) from Excipients in Pharmaceutical Formulations. <i>Crystal Growth and Design</i> , 2015 , 15, 2874-2877	3.5	4
533	Solvent-Induced Manipulation of Supramolecular Organic Frameworks. <i>Crystal Growth and Design</i> , 2015 , 15, 2781-2786	3.5	22
532	Fluorous 'ponytails' lead to strong gelators showing thermally induced structure evolution. <i>Soft Matter</i> , 2015 , 11, 8471-8	3.6	30
531	Engineering supramolecular organic frameworks (SOFs) of C-alkylpyrogallol[4]arene with bipyridine-based spacers. <i>Chemical Communications</i> , 2015 , 51, 2304-7	5.8	29
530	Anion- and Spacer-Directed Host-Guest Complexes of Bipyridine with Pyrogallol[4]arene. <i>Chemistry - A European Journal</i> , 2015 , 21, 10431-5	4.8	14
529	Investigating Properties and Trends of Cocrystals Composed of Pyrogallol[4]arenes and Anthracene-Based Fluorescent Probes. <i>Crystal Growth and Design</i> , 2015 , 15, 2958-2978	3.5	5
528	Zinc-seamed pyrogallol[4]arene dimers as structural components in a two-dimensional MOF. <i>Chemical Science</i> , 2014 , 5, 2297-2303	9.4	29
527	Packing arrangements of copper-seamed C-alkylpyrogallol[4]arene nanocapsules with varying chain lengths. <i>CrystEngComm</i> , 2014 , 16, 3718-3721	3.3	5
526	Structural alteration of the metal-organic pyrogallol[4]arene nano-capsule motif by incorporation of large metal centres. <i>Chemical Communications</i> , 2014 , 50, 4508-10	5.8	11
525	Illuminating host-guest cocrystallization between pyrogallol[4]arenes and the ionic liquid 1-ethyl-3-methylimidazolium ethylsulfate. <i>CrystEngComm</i> , 2014 , 16, 6010-6022	3.3	15
524	Solution superstructures: truncated cubeoctahedron structures of pyrogallol[4]arene nanoassemblies. <i>Chemical Communications</i> , 2014 , 50, 109-11	5.8	8
523	Entrapment of elusive guests within metal-seamed nanocapsules. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13088-92	16.4	24
522	Engineering Void Space Enclosed within Resorcin[4]arene-Based Supramolecular Frameworks. <i>Crystal Growth and Design</i> , 2014 , 14, 5212-5218	3.5	26

521	Cocrystallization of pyrogallol[4]arenes with 1-(2-pyridylazo)-2-naphthol. <i>CrystEngComm</i> , 2014 , 16, 10760-10770		
520	Endo vs Exo Bowl: Complexation of Xanthone by Pyrogallol[4]arenes. <i>Crystal Growth and Design</i> , 2014 , 14, 4205-4213	3.5	11
519	Solution structures of nanoassemblies based on pyrogallol[4]arenes. <i>Accounts of Chemical Research</i> , 2014 , 47, 3080-8	24.3	66
518	Solvent-Modulated Formation of Pac-man [®] Capsular Host-Guest Bilayers from a Dicationic Ionic Liquid and C-Butylpyrogallol[4]arene. <i>Crystal Growth and Design</i> , 2014 , 14, 4199-4204	3.5	10
517	Entrapment of Elusive Guests within Metal-Seamed Nanocapsules. <i>Angewandte Chemie</i> , 2014 , 126, 13304-13308		
516	Diffusion of vaporous guests into a seemingly non-porous organic crystal. <i>Chemical Communications</i> , 2014 , 50, 15509-12	5.8	20
515	Encapsulation of manganese and cobalt complexes within resorcin[4]arene dimers. <i>CrystEngComm</i> , 2014 , 16, 7172-7175	3.3	9
514	Strong cation ⁺ -interactions promote the capture of metal ions within metal-seamed nanocapsule. <i>Journal of the American Chemical Society</i> , 2014 , 136, 17002-5	16.4	25
513	Introducing defects into metal-seamed nanocapsules using mixed macrocycles. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12184-7	16.4	43
512	Pyrogallol[4]arenes as frustrated organic solids. <i>Journal of the American Chemical Society</i> , 2013 , 135, 16963-7	16.4	16
511	Formation of a dimeric host-guest complex via binding between a dicationic ionic liquid and a pyrogallol[4]arene macrocycle. <i>Chemical Communications</i> , 2013 , 49, 1802-4	5.8	17
510	Cocrystals of gabapentin with C-alkylresorcin[4]arenes. <i>CrystEngComm</i> , 2013 , 15, 4045	3.3	31
509	18-Crown-6 templates offset-linked pyrogallol[4]arene dimers. <i>Supramolecular Chemistry</i> , 2013 , 25, 591-595	6	
508	Conservation of a unique noncovalent motif in a tetracyanoresorcin[4]arene silver complex. <i>CrystEngComm</i> , 2013 , 15, 1673	3.3	7
507	Magnetic differentiation of pyrogallol[4]arene tubular and capsular frameworks. <i>Journal of the American Chemical Society</i> , 2013 , 135, 7110-3	16.4	33
506	Metal Ion Transport Across Metal-organic Pyrogallol[4]arene-based Nanocapsules. <i>Current Organic Chemistry</i> , 2013 , 17, 1481-1488	1.7	14
505	Controlling the self-assembly of metal-seamed organic nanocapsules. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1452-4	16.4	85
504	Molecular Capsules Based on Metal Complexes with Resorcin[4]arenes and Pyrogallol[4]arenes. <i>2012</i> ,	1	

503	Ionic galleries: a bilayered host-guest cocrystal of C-propyl pyrogallol[4]arene with an ionic liquid. <i>Chemical Communications</i> , 2012 , 48, 5262-4	5.8	21
502	Investigation of encapsulation of insulin biotemplate within C-methylresorcin[4]arenes. <i>Chemical Communications</i> , 2012 , 48, 3599-601	5.8	16
501	Acetylene and argon adsorption in a supramolecular organic zeolite. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 311-7	3.6	20
500	Exploring the magnetic behavior of nickel-coordinated pyrogallol[4]arene nanocapsules. <i>ACS Nano</i> , 2012 , 6, 272-5	16.7	36
499	Solution-Phase and Magnetic Approach towards Understanding Iron Gall Ink-like Nanoassemblies. <i>Angewandte Chemie</i> , 2012 , 124, 9397-9400	3.6	1
498	Titelbild: Solution-Phase and Magnetic Approach towards Understanding Iron Gall Ink-like Nanoassemblies (Angew. Chem. 37/2012). <i>Angewandte Chemie</i> , 2012 , 124, 9321-9321	3.6	
497	Solution-phase and magnetic approach towards understanding iron gall ink-like nanoassemblies. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 9263-6	16.4	22
496	Investigating structural alterations in pyrogallol[4]arene-pyrene nanotubular frameworks. <i>Small</i> , 2012 , 8, 3321-5	11	13
495	Controlling the Self-Assembly of Metal-Seamed Organic Nanocapsules. <i>Angewandte Chemie</i> , 2012 , 124, 1481-1483	3.6	11
494	Solution-Phase Structures of Gallium-Containing Pyrogallol[4]arene Scaffolds. <i>Angewandte Chemie</i> , 2012 , 124, 5176-5181	3.6	9
493	Solution-phase structures of gallium-containing pyrogallol[4]arene scaffolds. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5086-91	16.4	33
492	Ferrocene species included within a pyrogallol[4]arene tube. <i>Chemistry - A European Journal</i> , 2012 , 18, 10258-60	4.8	35
491	A new strategy of transforming pharmaceutical crystal forms. <i>Journal of the American Chemical Society</i> , 2011 , 133, 1399-404	16.4	33
490	Ferrocene as a Hydrophobic Templating Agent with Pyrogallol[4]arenes. <i>Israel Journal of Chemistry</i> , 2011 , 51, 840-842	3.4	32
489	Isostructural coordination polymers: epitaxis vs. solid solution. <i>CrystEngComm</i> , 2011 , 13, 4311	3.3	15
488	Encapsulation of acenaphthene within C-propan-3-ol-pyrogallol[4]arene dimeric nanocapsules. <i>Chemistry - A European Journal</i> , 2011 , 17, 10848-51	4.8	20
487	The structure of water in p-sulfonatocalix[4]arene. <i>Chemistry - A European Journal</i> , 2011 , 17, 10259-71	4.8	39
486	Solvent mediated self-assembly of organic nanostructures. <i>New Journal of Chemistry</i> , 2011 , 35, 784	3.6	12

485	Cocrystallization of C-butyl pyrogallol[4]arene and C-propan-3-ol pyrogallol[4]arene with gabapentin. <i>CrystEngComm</i> , 2011 , 13, 1446-1449	3.3	33
484	Solution structure of copper-seamed C-alkylpyrogallol[4]arene nanocapsules with varying chain lengths. <i>Chemical Communications</i> , 2011 , 47, 12298-300	5.8	27
483	Exploring the ellipsoidal and core-shell geometries of copper-seamed C-alkylpyrogallol[4]arene nanocapsules in solution. <i>Journal of the American Chemical Society</i> , 2011 , 133, 18102-5	16.4	24
482	Coordination polymer chains of dimeric pyrogallol[4]arene capsules. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11069-71	16.4	64
481	Anion binding, aryl-extended cyclotriguaiacylenes and an aryl-bridged cryptophane that provides snapshots of a molecular gating mechanism. <i>Supramolecular Chemistry</i> , 2010 , 22, 870-890	1.8	9
480	Spectroscopic investigations of pyrene butanol encapsulated in C-hexylpyrogallol[4]arene nanocapsules. <i>New Journal of Chemistry</i> , 2010 , 34, 2587	3.6	13
479	Magnetism in metal-organic capsules. <i>Chemical Communications</i> , 2010 , 46, 3484-6	5.8	66
478	Dimeric nanocapsule induces conformational change. <i>Chemical Communications</i> , 2010 , 46, 1235-7	5.8	26
477	Mixed metal-organic nanocapsules. <i>Coordination Chemistry Reviews</i> , 2010 , 254, 1760-1768	23.2	237
476	Methane adsorption in a supramolecular organic zeolite. <i>Chemistry - A European Journal</i> , 2010 , 16, 2371-4.8	4.8	45
475	Amorphous molecular organic solids for gas adsorption. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5492-5	16.4	132
474	Free transport of water and CO ₂ in nonporous hydrophobic clarithromycin form II crystals. <i>Journal of the American Chemical Society</i> , 2009 , 131, 13216-7	16.4	60
473	Enhanced control over metal composition in mixed Ga/Zn and Ga/Cu coordinated pyrogallol[4]arene nanocapsules. <i>Chemical Communications</i> , 2009 , 3348-50	5.8	50
472	Exploring the limits of encapsulation within hexameric pyrogallol[4]arene nano-capsules. <i>Chemical Communications</i> , 2009 , 1339-41	5.8	24
471	Increased control over the desolvation of p-tert-butylcalix[5]arene. <i>CrystEngComm</i> , 2009 , 11, 33-35	3.3	3
470	2009,	1068	
469	Gas-induced transformation and expansion of a non-porous organic solid. <i>Nature Materials</i> , 2008 , 7, 146-50	173	
468	Rapid formation of metal-organic nano-capsules gives new insight into the self-assembly process. <i>Chemical Communications</i> , 2008 , 1539-41	5.8	69

467	Gas/Solvent-Induced Transformation and Expansion of a Nonporous Solid to 1:1 Host Guest Form. <i>Crystal Growth and Design</i> , 2008 , 8, 2090-2092	3.5	25
466	Flexible (breathing) interpenetrated metal-organic frameworks for CO ₂ separation applications. <i>Journal of the American Chemical Society</i> , 2008 , 130, 16842-3	16.4	399
465	Interpenetrated nano-capsule networks based on the alkali metal assisted assembly of p-carboxylatocalix[4]arene-O-methyl ether. <i>Chemical Communications</i> , 2008 , 1410-2	5.8	37
464	Versatility of p-sulfonatocalix[5]arene in building up multicomponent bilayers. <i>New Journal of Chemistry</i> , 2008 , 32, 2100	3.6	20
463	Self-organised nano-arrays of p-phosphonic acid functionalised higher order calixarenes. <i>New Journal of Chemistry</i> , 2008 , 32, 1478	3.6	36
462	Pseudo-polymorphism in the toluene solvate of p-tert-butylcalix[5]arene: structural and gas sorption investigation. <i>New Journal of Chemistry</i> , 2008 , 32, 2095	3.6	5
461	Ion transport to the interior of metal-organic pyrogallol[4]arene nanocapsules. <i>Journal of the American Chemical Society</i> , 2008 , 130, 17262-3	16.4	54
460	Metallo-supramolecular capsules. <i>Coordination Chemistry Reviews</i> , 2008 , 252, 825-841	23.2	494
459	Engineering nanorrafts of calixarene polyphosphonates. <i>Chemistry - A European Journal</i> , 2008 , 14, 3931-84.8		68
458	Calix[5]arene: a versatile sublimate that displays gas sorption properties. <i>Chemical Communications</i> , 2007 , 4848-50	5.8	28
457	Robust and stable pyrogallol[4]arene molecular capsules facilitated via an octanuclear zinc coordination belt. <i>New Journal of Chemistry</i> , 2007 , 31, 17-20	3.6	72
456	Large diameter non-covalent nanotubes based on the self-assembly of para-carboxylatocalix[4]arene. <i>New Journal of Chemistry</i> , 2007 ,	3.6	
455	Structural Versatility in Praseodymium Complexes of p-Sulfonatocalix[4]arene. <i>Crystal Growth and Design</i> , 2007 , 7, 1762-1770	3.5	30
454	Ionic dimeric pyrogallol[4]arene capsules. <i>Chemical Communications</i> , 2007 , 3447-9	5.8	34
453	Spectroscopic investigations of ADMA encapsulated in pyrogallol[4]arene nanocapsules. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 9088-92	3.4	26
452	Structural Diversity of Methyl-Substituted Inclusion Complexes of Calix[5]arene. <i>Crystal Growth and Design</i> , 2007 , 7, 2059-2065	3.5	12
451	Engineering void space in organic van der Waals crystals: calixarenes lead the way. <i>Chemical Society Reviews</i> , 2007 , 36, 236-45	58.5	417
450	Carbon Dioxide Capture in a Self-Assembled Organic Nanochannels. <i>Chemistry of Materials</i> , 2007 , 19, 3355-3357	9.6	119

449	Water as a building block in solid-state acetonitrile-pyrogallol[4]arene assemblies: structural investigations. <i>Chemistry - A European Journal</i> , 2007 , 13, 8248-55	4.8	46
448	A hydrogen-bonded hexameric nanotoroidal assembly. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2394-7	16.4	50
447	Guest and ligand behavior in zinc-seamed pyrogallol[4]arene molecular capsules. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 8601-4	16.4	72
446	The synthesis and structural characterisation of two polynuclear hafnium(IV) complexes. <i>Inorganica Chimica Acta</i> , 2007 , 360, 1344-1348	2.7	12
445	Free energies of CO ₂ H ₂ capture by p-tert-butylcalix[4]arene: a molecular dynamics study. <i>Journal of Chemical Physics</i> , 2007 , 127, 104703	3.9	12
444	Sorption of nitrogen oxides in a nonporous crystal. <i>Chemical Communications</i> , 2007 , 1521-3	5.8	41
443	Comparison of porous and nonporous materials for methane storage. <i>New Journal of Chemistry</i> , 2007 , 31, 628-630	3.6	51
442	Toward the isolation of functional organic nanotubes. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 570-4	16.4	101
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14	Synthetic Nanotubes from Calixarenes97-110	0	
13	Periodic Nanostructures Based on MetalOrganic Frameworks (MOFs): En Route to Zeolite-Like MetalOrganic Frameworks (ZMOFs)251-274	12	
12	Artificial Photochemical Devices and Machines1-31	4	
11	Rotaxanes as Ligands for Molecular Machines and MetalOrganic Frameworks33-61	6	
10	Strategic Anion Templation for the Assembly of Interlocked Structures63-96	3	
9	Molecular Gels INanostructured Soft Materials111-154	25	
8	Nanoporous Crystals, Co-Crystals, Isomers and Polymorphs from Crystals155-177	3	
7	Supramolecular Architectures Based On Organometallic Half-Sandwich Complexes179-203	9	
6	Endochemistry of Self-Assembled Hollow Spherical Cages205-222		
5	Polynuclear Coordination Cages223-250	1	
4	Polyoxometalate Nanocapsules: From Structure to Function275-289	1	
3	Nano-Capsules Assembled by the Hydrophobic Effect291-304	8	
2	Opportunities in Nanotechnology via Organic Solid-State Reactivity: Nanostructured Co-Crystals and Molecular Capsules305-315		
1	Cesium CationInteractions Stabilize Pyrogallol[4]arene Coordination Networks. <i>Crystal Growth and Design</i> ,	3.5	