

Kathleen M Mullen

List of Publications by Citations

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35
papers

1,062
citations

17
h-index

32
g-index

39
ext. papers

1,121
ext. citations

7.6
avg, IF

4.3
L-index

#	Paper	IF	Citations
35	Sulfate anion templation of macrocycles, capsules, interpenetrated and interlocked structures. <i>Chemical Society Reviews</i> , 2009 , 38, 1701-13	58.5	197
34	Exploiting the 1,2,3-triazolium motif in anion-templated formation of a bromide-selective rotaxane host assembly. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4781-4	16.4	146
33	Sulfate anion templated synthesis of a triply interlocked capsule. <i>Chemical Communications</i> , 2009 , 7134-5	6.8	80
32	Phosphorus-based functional groups as hydrogen bonding templates for rotaxane formation. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12304-10	16.4	66
31	Interlocked host anion recognition by an indolocarbazole-containing [2]rotaxane. <i>Journal of the American Chemical Society</i> , 2009 , 131, 4937-52	16.4	66
30	Toward multistation rotaxanes using metalloporphyrin coordination templating. <i>Journal of Organic Chemistry</i> , 2008 , 73, 3336-50	4.2	64
29	Nitrone [2]rotaxanes: simultaneous chemical protection and electrochemical activation of a functional group. <i>Journal of the American Chemical Society</i> , 2010 , 132, 9465-70	16.4	57
28	A small molecule that walks non-directionally along a track without external intervention. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5480-3	16.4	43
27	Sulfur-containing amide-based [2]rotaxanes and molecular shuttles. <i>Chemical Science</i> , 2011 , 2, 1922	9.4	42
26	Anion templated formation of pseudorotaxane and rotaxane monolayers on gold from neutral components. <i>Langmuir</i> , 2009 , 25, 2935-40	4	41
25	Poly(2-oxazoline) block copolymer nanoparticles for curcumin loading and delivery to cancer cells. <i>European Polymer Journal</i> , 2017 , 93, 682-694	5.2	31
24	Monitoring the thermodynamically-controlled formation of diimide-based resin-attached rotaxanes by gel-phase HR MAS 1H NMR spectroscopy. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 278-86	3.9	25
23	Anion templated assembly of an indolocarbazole containing pseudorotaxane on beads and silica nanoparticles. <i>New Journal of Chemistry</i> , 2009 , 33, 760	3.6	24
22	Anion induced displacement studies in naphthalene diimide containing interpenetrated and interlocked structures. <i>New Journal of Chemistry</i> , 2009 , 33, 769	3.6	24
21	Crown-ether- and porphyrin-attached gel-phase resins in thermodynamically controlled rotaxane assembly. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 293-303	3.9	21
20	Active metal template synthesis of a neutral indolocarbazole-containing [2]rotaxane host system for selective oxoanion recognition. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 4587-4594	3.9	19
19	Clickfunctionalised polymer resins: a new approach to the synthesis of surface attached bipyridinium and naphthalene diimide [2]rotaxanes. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 2105-13	3.9	17

18	Dynamic axial ligand-site exchange in facially discriminated ruthenium(II) carbonyl and rhodium(III) halide metalloporphyrins. <i>Inorganic Chemistry</i> , 2007 , 46, 4876-86	5.1	12
17	A Small Molecule that Walks Non-Directionally Along a Track Without External Intervention. <i>Angewandte Chemie</i> , 2012 , 124, 5576-5579	3.6	11
16	Porphyrin-Containing Rotaxane Assemblies. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3358-3370	3.0	9
15	Dynamic covalent synthesis of donor-acceptor interlocked architectures in solution and at the solution:surface interface. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 715-21	4.5	9
14	Clipping and stoppering anion templated synthesis of a [2]rotaxane host system. <i>Dalton Transactions</i> , 2011 , 40, 12180-90	4.3	9
13	Three-Way Switchable Single-Crystal-to-Single-Crystal Solvatomorphic Spin Crossover in a Molecular Cocrystal. <i>Chemistry of Materials</i> , 2020 , 32, 10076-10083	9.6	9
12	Sensing anions on surfaces: tethering triazolium based anion receptors to polymer resins. <i>RSC Advances</i> , 2016 , 6, 33880-33887	3.7	7
11	New approaches to the synthesis of strapped porphyrin containing bipyridinium [2]rotaxanes. <i>New Journal of Chemistry</i> , 2013 , 37, 893-900	3.6	7
10	Surface-Assembled Mechanically Interlocked Architectures. <i>ChemPlusChem</i> , 2017 , 82, 814-825	2.8	6
9	Urea and thiourea based anion receptors in solution and on polymer supports. <i>Supramolecular Chemistry</i> , 2018 , 30, 196-205	1.8	6
8	Self-Assembly, Adaptive Response, and in,out-Stereoisomerism of Large Orthoformate Cryptands. <i>ChemPlusChem</i> , 2020 , 85, 1008-1012	2.8	5
7	Stepwise reduction of interlocked viologen-based complexes in the gas phase. <i>Chemical Communications</i> , 2020 , 56, 13575-13578	5.8	3
6	Hydrazone exchange: a viable route for the solid-tethered synthesis of [2]rotaxanes. <i>New Journal of Chemistry</i> , 2021 , 45, 4414-4421	3.6	2
5	Understanding coordination equilibria in solution and gel-phase [2]rotaxanes. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 8569-8578	3.9	2
4	Dynamic covalent synthesis of [2]- and [3]rotaxanes both in solution and on solid supports. <i>New Journal of Chemistry</i> , 2020 , 44, 11231-11236	3.6	1
3	A Dibenzoazacyclooctyne as a Reactive Chain Stopper for [2]Rotaxanes. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 3107-3113	3.2	
2	Innenrücktitelbild: A Small Molecule that Walks Non-Directionally Along a Track Without External Intervention (Angew. Chem. 22/2012). <i>Angewandte Chemie</i> , 2012 , 124, 5599-5599	3.6	
1	Inside Back Cover: A Small Molecule that Walks Non-Directionally Along a Track Without External Intervention (Angew. Chem. Int. Ed. 22/2012). <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5505-5505	16.4	

