Kathleen M Mullen

List of Publications by Year in Descending Order

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	Hydrazone exchange: a viable route for the solid-tethered synthesis of [2]rotaxanes. *New Journal of Chemistry*, **2021**, 45, 4414-4421	3.6	2
34	Dynamic covalent synthesis of [2]- and [3]rotaxanes both in solution and on solid supports. *New Journal of Chemistry*, **2020**, 44, 11231-11236	3.6	1
33	Self-Assembly, Adaptive Response, and in,out-Stereoisomerism of Large Orthoformate Cryptands. *ChemPlusChem*, **2020**, 85, 1008-1012	2.8	5
32	Stepwise reduction of interlocked viologen-based complexes in the gas phase. *Chemical Communications*, **2020**, 56, 13575-13578	5.8	3
31	Three-Way Switchable Single-Crystal-to-Single-Crystal Solvatomorphic Spin Crossover in a Molecular Cocrystal. *Chemistry of Materials*, **2020**, 32, 10076-10083	9.6	9
30	Porphyrin-Containing Rotaxane Assemblies. *European Journal of Organic Chemistry*, **2019**, 2019, 3358-3370	3.0	9
29	Urea and thiourea based anion receptors in solution and on polymer supports. *Supramolecular Chemistry*, **2018**, 30, 196-205	1.8	6
28	Understanding coordination equilibria in solution and gel-phase [2]rotaxanes. *Organic and Biomolecular Chemistry*, **2018**, 16, 8569-8578	3.9	2
27	Poly(2-oxazoline) block copolymer nanoparticles for curcumin loading and delivery to cancer cells. *European Polymer Journal*, **2017**, 93, 682-694	5.2	31
26	Surface-Assembled Mechanically Interlocked Architectures. *ChemPlusChem*, **2017**, 82, 814-825	2.8	6
25	Active metal template synthesis of a neutral indolocarbazole-containing [2]rotaxane host system for selective oxoanion recognition. *Organic and Biomolecular Chemistry*, **2017**, 15, 4587-4594	3.9	19
24	A Dibenzoazacyclooctyne as a Reactive Chain Stopper for [2]Rotaxanes. *European Journal of Organic Chemistry*, **2017**, 2017, 3107-3113	3.2	
23	Sensing anions on surfaces: tethering triazolium based anion receptors to polymer resins. *RSC Advances*, **2016**, 6, 33880-33887	3.7	7
22	Dynamic covalent synthesis of donor-acceptor interlocked architectures in solution and at the solution:surface interface. *Chemistry - an Asian Journal*, **2015**, 10, 715-21	4.5	9
21	New approaches to the synthesis of strapped porphyrin containing bipyridinium [2]rotaxanes. *New Journal of Chemistry*, **2013**, 37, 893-900	3.6	7
20	aClickafunctionalised polymer resins: a new approach to the synthesis of surface attached bipyridinium and naphthalene diimide [2]rotaxanes. *Organic and Biomolecular Chemistry*, **2013**, 11, 2105-15	3.9	17
19	A small molecule that walks non-directionally along a track without external intervention. *Angewandte Chemie - International Edition*, **2012**, 51, 5480-3	16.4	43

18	A Small Molecule that Walks Non-Directionally Along a Track Without External Intervention. *Angewandte Chemie*, **2012**, 124, 5576-5579	3.6	11
17	Innenrücktitelbild: A Small Molecule that Walks Non-Directionally Along a Track Without External Intervention (Angew. Chem. 22/2012). *Angewandte Chemie*, **2012**, 124, 5599-5599	3.6	
16	Inside Back Cover: A Small Molecule that Walks Non-Directionally Along a Track Without External Intervention (Angew. Chem. Int. Ed. 22/2012). *Angewandte Chemie - International Edition*, **2012**, 51, 5505-5505	16.4	
15	Phosphorus-based functional groups as hydrogen bonding templates for rotaxane formation. *Journal of the American Chemical Society*, **2011**, 133, 12304-10	16.4	66
14	Clipping and stoppering anion templated synthesis of a [2]rotaxane host system. *Dalton Transactions*, **2011**, 40, 12180-90	4.3	9
13	Sulfur-containing amide-based [2]rotaxanes and molecular shuttles. *Chemical Science*, **2011**, 2, 1922	9.4	42
12	Nitrone [2]rotaxanes: simultaneous chemical protection and electrochemical activation of a functional group. *Journal of the American Chemical Society*, **2010**, 132, 9465-70	16.4	57
11	Exploiting the 1,2,3-triazolium motif in anion-templated formation of a bromide-selective rotaxane host assembly. *Angewandte Chemie - International Edition*, **2009**, 48, 4781-4	16.4	146
10	Sulfate anion templation of macrocycles, capsules, interpenetrated and interlocked structures. *Chemical Society Reviews*, **2009**, 38, 1701-13	58.5	197
9	Anion templated assembly of an indolocarbazole containing pseudorotaxane on beads and silica nanoparticles. *New Journal of Chemistry*, **2009**, 33, 760	3.6	24
8	Anion templated formation of pseudorotaxane and rotaxane monolayers on gold from neutral components. *Langmuir*, **2009**, 25, 2935-40	4	41
7	Sulfate anion templated synthesis of a triply interlocked capsule. *Chemical Communications*, **2009**, 7134-6	5.8	80
6	Interlocked host anion recognition by an indolocarbazole-containing [2]rotaxane. *Journal of the American Chemical Society*, **2009**, 131, 4937-52	16.4	66
5	Crown-ether- and porphyrin-attached gel-phase resins in thermodynamically controlled rotaxane assembly. *Organic and Biomolecular Chemistry*, **2009**, 7, 293-303	3.9	21
4	Anion induced displacement studies in naphthalene diimide containing interpenetrated and interlocked structures. *New Journal of Chemistry*, **2009**, 33, 769	3.6	24
3	Monitoring the thermodynamically-controlled formation of diimide-based resin-attached rotaxanes by gel-phase HR MAS 1H NMR spectroscopy. *Organic and Biomolecular Chemistry*, **2008**, 6, 278-86	3.9	25
2	Toward multistation rotaxanes using metalloporphyrin coordination templating. *Journal of Organic Chemistry*, **2008**, 73, 3336-50	4.2	64
1	Dynamic axial ligand-site exchange in facially discriminated ruthenium(II) carbonyl and rhodium(III) halide metalloporphyrins. *Inorganic Chemistry*, **2007**, 46, 4876-86	5.1	12