

# James E M Lewis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2799077/publications.pdf>

Version: 2024-02-01

41  
papers

2,464  
citations

201674

27  
h-index

254184

43  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Damming an electronic energy reservoir: ion-regulated electronic energy shuttling in a [2]rotaxane. <i>Chemical Science</i> , 2021, 12, 9196-9200.	7.4	3
2	Multi-functional, Low Symmetry Pd <sub>2</sub> L <sub>4</sub> Nanocage Libraries**. <i>Chemistry - A European Journal</i> , 2021, 27, 4454-4460.	3.3	31
3	Rotaxanes as Cages to Control DNA Binding, Cytotoxicity, and Cellular Uptake of a Small Molecule**. <i>Angewandte Chemie</i> , 2021, 133, 11023-11029.	2.0	5
4	Rotaxanes as Cages to Control DNA Binding, Cytotoxicity, and Cellular Uptake of a Small Molecule**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10928-10934.	13.8	36
5	Structural Flexibility in Metal-Organic Cages. <i>Frontiers in Chemistry</i> , 2021, 9, 706462.	3.6	32
6	Rotaxane Co <sup>II</sup> Complexes as Field-Induced Single-Ion Magnets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16051-16058.	13.8	19
7	Rotaxane Co II Complexes as Field-Induced Single-Ion Magnets. <i>Angewandte Chemie</i> , 2021, 133, 16187-16194.	2.0	2
8	High-Throughput Computational Evaluation of Low Symmetry Pd <sub>2</sub> L <sub>4</sub> Cages to Aid in System Design**. <i>Angewandte Chemie</i> , 2021, 133, 21047-21055.	2.0	7
9	High-Throughput Computational Evaluation of Low Symmetry Pd <sub>2</sub> L <sub>4</sub> Cages to Aid in System Design**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20879-20887.	13.8	32
10	Conformational control of Pd <sub>2</sub> L <sub>4</sub> assemblies with unsymmetrical ligands. <i>Chemical Science</i> , 2020, 11, 677-683.	7.4	87
11	Knotting to See Here. <i>Chem</i> , 2020, 6, 14-15.	11.7	4
12	Self-assembly of a porous metallo-[5]rotaxane. <i>Chemical Communications</i> , 2020, 56, 10453-10456.	4.1	9
13	Synthetic strategies towards mechanically interlocked oligomers and polymers. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6757-6780.	2.8	34
14	Rotaxanation as a sequestering template to preclude incidental metal insertion in complex oligochromophores. <i>Chemical Communications</i> , 2020, 56, 7447-7450.	4.1	1
15	Metallo-Supramolecular Self-Assembly with Reduced Symmetry Ligands. <i>ChemPlusChem</i> , 2020, 85, 815-827.	2.8	84
16	An Auxiliary Approach for the Stereoselective Synthesis of Topologically Chiral Catenanes. <i>Chem</i> , 2019, 5, 1512-1520.	11.7	57
17	Self-templated synthesis of amide catenanes and formation of a catenane coordination polymer. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2442-2447.	2.8	14
18	Rotaxane-Based Transition Metal Complexes: Effect of the Mechanical Bond on Structure and Electronic Properties. <i>Journal of the American Chemical Society</i> , 2019, 141, 879-889.	13.7	56

#	ARTICLE	IF	CITATIONS
19	Efficient Multicomponent Active Template Synthesis of Catenanes. <i>Journal of the American Chemical Society</i> , 2018, 140, 4787-4791.	13.7	52
20	Multicavity [Pd <sub>2</sub> L <sub>4</sub> ] <sup>2+</sup> Cages with Controlled Segregated Binding of Different Guests. <i>Journal of the American Chemical Society</i> , 2017, 139, 2379-2386.	13.7	126
21	Solidâ€State Gas Adsorption Studies with Discrete Palladium(II) [Pd <sub>2</sub> (L) <sub>4</sub> ] <sup>4+</sup> Cages. <i>Chemistry - A European Journal</i> , 2017, 23, 10559-10567.	3.3	53
22	Metal ions in the synthesis of interlocked molecules and materials. <i>Chemical Society Reviews</i> , 2017, 46, 2577-2591.	38.1	182
23	Porphyrid rotaxanes: building a mechanical picket fence. <i>Chemical Science</i> , 2017, 8, 6679-6685.	7.4	26
24	Properties and emerging applications of mechanically interlocked ligands. <i>Chemical Communications</i> , 2017, 53, 298-312.	4.1	155
25	Stepwise, Protecting Group Free Synthesis of [4]Rotaxanes. <i>Molecules</i> , 2017, 22, 89.	3.8	13
26	Enhanced kinetic stability of [Pd <sub>2</sub> L <sub>4</sub> ] <sup>4+</sup> cages through ligand substitution. <i>Dalton Transactions</i> , 2016, 45, 8050-8060.	3.3	55
27	Iterative Synthesis of Oligo[ <i>n</i> ]rotaxanes in Excellent Yield. <i>Journal of the American Chemical Society</i> , 2016, 138, 16329-16336.	13.7	92
28	High yielding synthesis of 2,2â€-bipyridine macrocycles, versatile intermediates in the synthesis of rotaxanes. <i>Chemical Science</i> , 2016, 7, 3154-3161.	7.4	74
29	Luminescent Cages: Pendant Emissive Units on [Pd <sub>2</sub> L <sub>4</sub> ] <sup>4+</sup> â€Clickâ€ Cages. <i>Inorganic Chemistry</i> , 2016, 55, 3440-3447.	4.0	52
30	A Stimuliâ€Responsive Rotaxaneâ€Gold Catalyst: Regulation of Activity and Diastereoselectivity. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13545-13549.	13.8	140
31	Biologically active [Pd <sub>2</sub> L <sub>4</sub> ] <sup>4+</sup> quadruply-stranded helicates: stability and cytotoxicity. <i>Dalton Transactions</i> , 2015, 44, 11129-11136.	3.3	81
32	Acidâ€Base Driven Ligand Exchange with Palladium(II) â€Clickâ€Complexes. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 208-211.	2.7	8
33	<i>Exo</i> - and <i>endo</i> -hedral interactions of counteranions with tetracationic Pd <sub>2</sub> L <sub>4</sub> metallosupramolecular architectures. <i>Supramolecular Chemistry</i> , 2014, 26, 173-181.	1.2	54
34	[Re(CO) <sub>3</sub> ] <sup>+</sup> Complexes of <i>exo</i> -Functionalized Tridentate â€Clickâ€ Macrocycles: Synthesis, Stability, Photophysical Properties, Bioconjugation, and Antibacterial Activity. <i>Organometallics</i> , 2014, 33, 7031-7043.	2.3	23
35	â€Clickâ€™ to functionalise: synthesis, characterisation and enhancement of the physical properties of a series of <i>exo</i> - and <i>endo</i> -functionalised Pd <sub>2</sub> L <sub>4</sub> nanocages. <i>Chemical Science</i> , 2014, 5, 1833-1843.	7.4	117
36	A facile â€clickâ€ approach to functionalised metallosupramolecular architectures. <i>Chemical Communications</i> , 2013, 49, 3398.	4.1	73

#	ARTICLE	IF	CITATIONS
37	Copper(II) Complexes of a Tripyridyl Ligand: Anion-Dependent Metallosupramolecular Structures. Australian Journal of Chemistry, 2013, 66, 1447.	0.9	8
38	[Fe <sub>2</sub> L <sub>3</sub> ] <sup>4+</sup> Cylinders Derived from Bis(bidentate) 2-Pyridyl-1,2,3-triazole "Click" Ligands: Synthesis, Structures and Exploration of Biological Activity. Molecules, 2013, 18, 6383-6407.	3.8	56
39	fac-Re(CO) <sub>3</sub> complexes of 2,6-bis(4-substituted-1,2,3-triazol-1-ylmethyl)pyridine "click" ligands: synthesis, characterisation and photophysical properties. Dalton Transactions, 2012, 41, 14625.	3.3	43
40	Stimuli-responsive Pd <sub>2</sub> L <sub>4</sub> metallosupramolecular cages: towards targeted cisplatin drug delivery. Chemical Science, 2012, 3, 778-784.	7.4	392
41	A multi-component CuAAC "click" approach to an <i>exo</i> functionalised pyridyl-1,2,3-triazole macrocycle: synthesis, characterisation, Cu(I) and Ag(I) complexes. Supramolecular Chemistry, 2012, 24, 492-498.	1.2	14