

James A Wisner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3140764/publications.pdf>

Version: 2024-02-01

30
papers

1,414
citations

331538

21
h-index

434063

31
g-index

33
all docs

33
docs citations

33
times ranked

1000
citing authors

#	ARTICLE	IF	CITATIONS
1	Anion-Templated Rotaxane Formation. <i>Journal of the American Chemical Society</i> , 2002, 124, 12469-12476.	6.6	252
2	A New Motif for the Self-Assembly of [2]Pseudorotaxanes; 1,2-Bis(pyridinium)ethane Axles and [24]Crown-8 Ether Wheels. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2838-2840.	7.2	163
3	A Demonstration of Anion Templatation and Selectivity in Pseudorotaxane Formation We thank the EPSRC and the University of Reading for funds for the Image Plate System and the Natural Sciences and Engineering Research Council of Canada for financial support to Dr. Wisner.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3606.	7.2	134
4	Anion recognition as a method for templating pseudorotaxane formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4983-4986.	3.3	77
5	Anion-templated assembly of [2]rotaxanes. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 1529.	1.5	73
6	Host-guest interactions template: the synthesis of a [3]catenane. <i>Chemical Communications</i> , 2004, , 138-139.	2.2	69
7	[2]Pseudorotaxanes through Second-Sphere Coordination. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1499-1504.	7.2	61
8	A Self-Associating ADADA Hydrogen-Bonded Double Helix. <i>Organic Letters</i> , 2007, 9, 3267-3269.	2.4	60
9	[3]Rotaxanes employing multiple 1,2-bis(pyridinium) ethane binding sites and dibenzo-24-crown-8 ethers. <i>Chemical Communications</i> , 2000, , 845-846.	2.2	55
10	Zwitterionic [2]rotaxanes utilising anionic transition metal stoppers. <i>Dalton Transactions RSC</i> , 2001, , 3135-3136.	2.3	48
11	[2]Rotaxane molecular shuttles employing 1,2-bis(pyridinium)ethane binding sites and dibenzo-24-crown-8 ethers. <i>Chemical Communications</i> , 2000, , 1939-1940.	2.2	47
12	Reversible Formation of a [2]Catenane through First- and Second-Sphere Coordination. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2835-2838.	7.2	40
13	Mono- versus Dipalladation of the Durene-Based Tetrathioether Ligand 1,2,4,5-(tBuSCH ₂) ₄ C ₆ H ₂ . Structures of [PdCl((tBuSCH ₂) ₄ C ₆ H)] and [Pd2((tBuSCH ₂) ₄ C ₆)(MeCN) ₂][BF ₄] ₂ . <i>Organometallics</i> , 1998, 17, 2324-2327.	1.1	39
14	Synthesis of a [2]rotaxane through first- and second-sphere coordination. <i>Chemical Communications</i> , 2006, , 4593.	2.2	35
15	Substituent Effects in Double-Helical Hydrogen-Bonded AAA-DDD Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 1322-1327.	1.7	34
16	Minimal complementary hydrogen-bonded double helices. <i>Chemical Communications</i> , 2010, 46, 7343.	2.2	28
17	[2]Pseudorotaxane and [2]Rotaxane Molecular Shuttles: Self-Assembly through Second-Sphere Coordination of Thiocyanate Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 8445-8447.	1.9	22
18	Synthesis and Self-Association of Double-Helical AADD Arrays. <i>Chemistry - A European Journal</i> , 2012, 18, 14157-14164.	1.7	22

#	ARTICLE	IF	CITATIONS
19	Rotaxanes Based on the 1,2-Bis(pyridinio)ethane-24-Crown-8 Templating Motif. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1763-1770.	1.2	20
20	Addressing the Nature of Phosphinidene Sulfides via the Synthesis of P ⁺ S Heterocycles. <i>Chemistry - A European Journal</i> , 2018, 24, 743-749.	1.7	11
21	On the Necessity of Nucleobase Protection for 2-Thiouracil for Fmoc-Based Pseudo-Complementary Peptide Nucleic Acid Oligomer Synthesis. <i>Journal of Organic Chemistry</i> , 2019, 84, 13252-13261.	1.7	9
22	Rotaxane and Catenane Synthesis. , 0, , 349-391.		8
23	Formation of a [2]rotaxane and [2]catenane based on PdBr ₂ L ₂ as a template. <i>Canadian Journal of Chemistry</i> , 2009, 87, 205-211.	0.6	5
24	Unusual C7- versus Normal 5-O-Dimethoxytritylation of 6-Arylpyrrolocytidine Analogs. <i>Journal of Organic Chemistry</i> , 2016, 81, 8415-8425.	1.7	4
25	¹ H NMR-based method for the determination of complexation equilibrium parameters and chemical shifts in a hydrogen-bonded system with dynamic composition. <i>Journal of Physical Organic Chemistry</i> , 2018, 31, e3805.	0.9	3
26	Supramolecular Polymers Based on Non-Coplanar AAA-DDD Hydrogen-Bonded Complexes. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1700619.	2.0	3
27	2,6-Diaminopyridinium tetraphenylborate-1,2-bis(5,7-dimethyl-1,8-naphthyridin-2-yl)diazene (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1222-o1222.	0.2	2
28	The Structure of Cis-2,2-Azopyridine in the Solid State. <i>Journal of Chemical Crystallography</i> , 2019, 49, 113-118.	0.5	2
29	Importance of Secondary Interactions in Twisted Doubly Hydrogen Bonded Complexes. <i>Organic Letters</i> , 2012, 14, 5772-5775.	2.4	1
30	Readily functionalized AAA-DDD triply hydrogen-bonded motifs. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2947-2954.	1.5	0