

Yuanning Feng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6621826/publications.pdf>

Version: 2024-02-01

28
papers

1,099
citations

471509

17
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

1008
citing authors

#	ARTICLE	IF	CITATIONS
1	A precise polyrotaxane synthesizer. <i>Science</i> , 2020, 368, 1247-1253.	12.6	148
2	Molecular Pumps and Motors. <i>Journal of the American Chemical Society</i> , 2021, 143, 5569-5591.	13.7	141
3	Active mechanisorption driven by pumping cassettes. <i>Science</i> , 2021, 374, 1215-1221.	12.6	88
4	Pumps through the Ages. <i>CheM</i> , 2020, 6, 1952-1977.	11.7	70
5	Molecular Russian dolls. <i>Nature Communications</i> , 2018, 9, 5275.	12.8	61
6	The Rise and Promise of Molecular Nanotopology. <i>CCS Chemistry</i> , 2021, 3, 1542-1572.	7.8	61
7	Artificial Allomelanin Nanoparticles. <i>ACS Nano</i> , 2019, 13, 10980-10990.	14.6	57
8	A Molecular Dual Pump. <i>Journal of the American Chemical Society</i> , 2019, 141, 17472-17476.	13.7	53
9	Electron-catalysed molecular recognition. <i>Nature</i> , 2022, 603, 265-270.	27.8	51
10	A Donor-acceptor [2]Catenane for Visible Light Photocatalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 8000-8010.	13.7	47
11	Artificial Molecular Pump Operating in Response to Electricity and Light. <i>Journal of the American Chemical Society</i> , 2020, 142, 14443-14449.	13.7	45
12	Giant Conductance Enhancement of Intramolecular Circuits through Interchannel Gating. <i>Matter</i> , 2020, 2, 378-389.	10.0	43
13	Non-equilibrium kinetics and trajectory thermodynamics of synthetic molecular pumps. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1304-1314.	5.9	33
14	Stabilizing the Naphthalenediimide Radical within a Tetracationic Cyclophane. <i>Journal of the American Chemical Society</i> , 2019, 141, 16915-16922.	13.7	30
15	TetrazineBox: A Structurally Transformative Toolbox. <i>Journal of the American Chemical Society</i> , 2020, 142, 5419-5428.	13.7	23
16	PCage: Fluorescent Molecular Temples for Binding Sugars in Water. <i>Journal of the American Chemical Society</i> , 2021, 143, 15688-15700.	13.7	23
17	Suit[3]ane. <i>Journal of the American Chemical Society</i> , 2020, 142, 20152-20160.	13.7	20
18	Highly Stable Organic Biscaradicals Protected by Mechanical Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 7190-7197.	13.7	17

#	ARTICLE	IF	CITATIONS
19	Fluorescence Quenching by Redox Molecular Pumping. <i>Journal of the American Chemical Society</i> , 2022, 144, 3572-3579.	13.7	17
20	Guest recognition enhanced by lateral interactions. <i>Chemical Science</i> , 2019, 10, 5114-5123.	7.4	16
21	Host-Guest Interaction between Corona[n]arene and Bisquaternary Ammonium Derivatives for Fabricating Supra-Amphiphile. <i>Langmuir</i> , 2017, 33, 5829-5834.	3.5	15
22	Syntheses of three-dimensional catenanes under kinetic control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2118573119.	7.1	12
23	Radically Enhanced Dual Recognition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25454-25462.	13.8	10
24	A Molecular Replication Process Drives Supramolecular Polymerization. <i>Journal of the American Chemical Society</i> , 2021, 143, 17029-17039.	13.7	9
25	Stitching up the Belt[n]arenes. <i>CheM</i> , 2020, 6, 826-829.	11.7	5
26	Radically Enhanced Dual Recognition. <i>Angewandte Chemie</i> , 0, , .	2.0	4
27	Binding Sugars in Water Inside Molecular Temples. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
28	Innenrücktitelbild: Radically Enhanced Dual Recognition (<i>Angew. Chem.</i> 48/2021). <i>Angewandte Chemie</i> , 2021, 133, 25787-25787.	2.0	0