Yuanning Feng

List of Publications by Year
in descending order

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

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28	1,099	471371	580701
papers	citations	17 h-index	25 g-index

29	29	29	1008
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fluorescence Quenching by Redox Molecular Pumping. Journal of the American Chemical Society, 2022, 144, 3572-3579.	6.6	17
2	Syntheses of three-dimensional catenanes under kinetic control. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2118573119.	3.3	12
3	Electron-catalysed molecular recognition. Nature, 2022, 603, 265-270.	13.7	51
4	Molecular Pumps and Motors. Journal of the American Chemical Society, 2021, 143, 5569-5591.	6.6	141
5	A Donorâ€“Acceptor [2]Catenane for Visible Light Photocatalysis. Journal of the American Chemical Society, 2021, 143, 8000-8010.	6.6	47
6	The Rise and Promise of Molecular Nanotopology. CCS Chemistry, 2021, 3, 1542-1572.	4.6	61
7	Radically Enhanced Dual Recognition. Angewandte Chemie - International Edition, 2021, 60, 25454-25462.	7.2	10
8	PCage: Fluorescent Molecular Temples for Binding Sugars in Water. Journal of the American Chemical Society, 2021, 143, 15688-15700.	6.6	23
9	Active mechanisorption driven by pumping cassettes. Science, 2021, 374, 1215-1221.	6.0	88
10	A Molecular Replication Process Drives Supramolecular Polymerization. Journal of the American Chemical Society, 2021, 143, 17029-17039.	6.6	9
11	InnenrÃ¼cktitelbild: Radically Enhanced Dual Recognition (Angew. Chem. 48/2021). Angewandte Chemie, 2021, 133, 25787-25787.	1.6	0
12	Suit[3]ane. Journal of the American Chemical Society, 2020, 142, 20152-20160.	6.6	20
13	Pumps through the Ages. CheM, 2020, 6, 1952-1977.	5.8	70
14	Artificial Molecular Pump Operating in Response to Electricity and Light. Journal of the American Chemical Society, 2020, 142, 14443-14449.	6.6	45
15	Stitching up the Belt[n]arenes. CheM, 2020, 6, 826-829.	5.8	5
16	A precise polyrotaxane synthesizer. Science, 2020, 368, 1247-1253.	6.0	148
17	Highly Stable Organic Bisradicals Protected by Mechanical Bonds. Journal of the American Chemical Society, 2020, 142, 7190-7197.	6.6	17
18	Giant Conductance Enhancement of Intramolecular Circuits through Interchannel Gating. Matter, 2020, 2, 378-389.	5.0	43

#	Article	IF	Citations
19	Non-equilibrium kinetics and trajectory thermodynamics of synthetic molecular pumps. Materials Chemistry Frontiers, 2020, 4, 1304-1314.	3.2	33
20	TetrazineBox: A Structurally Transformative Toolbox. Journal of the American Chemical Society, 2020, 142, 5419-5428.	6.6	23
21	A Molecular Dual Pump. Journal of the American Chemical Society, 2019, 141, 17472-17476.	6.6	53
22	Artificial Allomelanin Nanoparticles. ACS Nano, 2019, 13, 10980-10990.	7.3	57
23	Stabilizing the Naphthalenediimide Radical within a Tetracationic Cyclophane. Journal of the American Chemical Society, 2019, 141, 16915-16922.	6.6	30
24	Guest recognition enhanced by lateral interactions. Chemical Science, 2019, 10, 5114-5123.	3.7	16
25	Molecular Russian dolls. Nature Communications, 2018, 9, 5275.	5.8	61
26	Hostâ€“Guest Interaction between Corona[n]arene and Bisquaternary Ammonium Derivatives for Fabricating Supra-Amphiphile. Langmuir, 2017, 33, 5829-5834.	1.6	15
27	Binding Sugars in Water Inside Molecular Temples. SSRN Electronic Journal, 0, , .	0.4	0
28	Radically Enhanced Dual Recognition. Angewandte Chemie, 0, , .	1.6	4