

Fei Jia

List of Publications by Year in descending order

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14
papers

493
citations

759233

12
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1058476

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all docs

14
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14
times ranked

434
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxatub[4]arene: a smart macrocyclic receptor with multiple interconvertible cavities. <i>Chemical Science</i> , 2015, 6, 6731-6738.	7.4	111
2	Conformationally adaptive macrocycles with flipping aromatic sidewalls. <i>Chemical Society Reviews</i> , 2020, 49, 4176-4188.	38.1	73
3	Naphthocage: A Flexible yet Extremely Strong Binder for Singly Charged Organic Cations. <i>Journal of the American Chemical Society</i> , 2019, 141, 4468-4473.	13.7	53
4	Oxatub[4]arene: a molecular "transformer" capable of hosting a wide range of organic cations. <i>Chemical Communications</i> , 2016, 52, 5666-5669.	4.1	41
5	Light-Controlled Switching of a Non-photoresponsive Molecular Shuttle. <i>Organic Letters</i> , 2017, 19, 2945-2948.	4.6	40
6	Redox-Responsive Host-Guest Chemistry of a Flexible Cage with Naphthalene Walls. <i>Journal of the American Chemical Society</i> , 2020, 142, 3306-3310.	13.7	35
7	Oxatub[5,6]arene: synthesis, conformational analysis, and the recognition of C60 and C70. <i>Chemical Communications</i> , 2017, 53, 336-339.	4.1	30
8	H ₂ S-Responsive Lower Critical Solution Temperature of the Host-Guest Complex Based on Oxatub[4]arene with Tri(ethylene oxide) Moieties. <i>Organic Letters</i> , 2017, 19, 1212-1215.	4.6	28
9	Guest-Induced Folding and Self-Assembly of Conformationally Adaptive Macrocycles into Nanosheets and Nanotubes. <i>Chemistry - A European Journal</i> , 2017, 23, 1516-1520.	3.3	19
10	Facile Synthesis of the Neuraminidase Inhibitor Peramivir. <i>Synthetic Communications</i> , 2013, 43, 2641-2647.	2.1	17
11	Electronic Substituent Effects of Guests on the Conformational Network and Binding Behavior of Oxatub[4]arene. <i>Journal of Organic Chemistry</i> , 2017, 82, 10444-10449.	3.2	15
12	Regioselective Synthesis of Methylene-Bridged Naphthalene Oligomers and Their Host-Guest Chemistry. <i>Journal of Organic Chemistry</i> , 2017, 82, 9570-9575.	3.2	13
13	Effects of side chains of oxatub[4]arene on its conformational interconversion, molecular recognition and macroscopic self-assembly. <i>Chemical Communications</i> , 2017, 53, 12572-12575.	4.1	9
14	Temperature-induced large amplitude conformational change in the complex of oxatub[4]arene revealed <i>via</i> rotaxane synthesis. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1027-1031.	4.5	9