

Qi Zhang

List of Publications by Year in descending order

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15
papers

1,012
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalysis inside the Hexameric Resorcinarene Capsule. <i>Accounts of Chemical Research</i> , 2018, 51, 2107-2114.	15.6	192
2	Hexameric Resorcinarene Capsule is a Brønsted Acid: Investigation and Application to Synthesis and Catalysis. <i>Journal of the American Chemical Society</i> , 2013, 135, 16213-16219.	13.7	161
3	Advantages of Catalysis in Self-Assembled Molecular Capsules. <i>Chemistry - A European Journal</i> , 2016, 22, 9060-9066.	3.3	122
4	Terpene Cyclizations inside a Supramolecular Catalyst: Leaving-Group-Controlled Product Selectivity and Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2017, 139, 11482-11492.	13.7	90
5	Iminium Catalysis inside a Self-Assembled Supramolecular Capsule: Modulation of Enantiomeric Excess. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7698-7701.	13.8	84
6	Sesquiterpene cyclizations catalysed inside the resorcinarene capsule and application in the short synthesis of isolongifolene and isolongifolenone. <i>Nature Catalysis</i> , 2018, 1, 609-615.	34.4	69
7	Iminium Catalysis inside a Self-Assembled Supramolecular Capsule: Scope and Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2017, 139, 17500-17507.	13.7	63
8	To catalyze or not to catalyze: elucidation of the subtle differences between the hexameric capsules of pyrogallolarene and resorcinarene. <i>Chemical Science</i> , 2017, 8, 1653-1657.	7.4	49
9	Discovering Monoterpene Catalysis Inside Nanocapsules with Multiscale Modeling and Experiments. <i>Journal of the American Chemical Society</i> , 2019, 141, 6234-6246.	13.7	42
10	Self-Assembled Supramolecular Structures as Catalysts for Reactions Involving Cationic Transition States. <i>Synthesis</i> , 2016, 48, 313-328.	2.3	37
11	Iminiumkatalyse in einer selbstorganisierten supramolekularen Kapsel: Modulation des Enantiomerenüberschusses. <i>Angewandte Chemie</i> , 2016, 128, 7829-7832.	2.0	36
12	Sesquiterpene Cyclizations inside the Hexameric Resorcinarene Capsule: Total Synthesis of β -Selinene and Mechanistic Studies. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12688-12695.	13.8	36
13	En route to terpene natural products utilizing supramolecular cyclase mimetics. <i>Natural Product Reports</i> , 2019, 36, 1619-1627.	10.3	13
14	Sesquiterpene Cyclizations inside the Hexameric Resorcinarene Capsule: Total Synthesis of β -Selinene and Mechanistic Studies. <i>Angewandte Chemie</i> , 2019, 131, 12818-12825.	2.0	10
15	Thermodynamic and Kinetic Control Determine the Sesquiterpene Reaction Pathways Inside Nanocapsules. <i>ACS Catalysis</i> , 2020, 10, 6843-6853.	11.2	8