

Hiroki Takezawa

List of Publications by Year in descending order

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papers

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687363

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1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrophilic Spirocyclization of a 2-Biphenylacetylene via Conformational Fixing within a Hollow-Cage Host. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	18
2	An Ir ₃ L ₂ complex with anion binding pockets: photocatalytic E-Z isomerization via molecular recognition. <i>Chemical Communications</i> , 2021, 57, 9300-9302.	4.1	14
3	The Difluoromethyl Group as a Hydrogen Bond Donor. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2021, 79, 246-247.	0.1	0
4	Molecular Confinement Effects by Self-Assembled Coordination Cages. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2351-2369.	3.2	63
5	Confinement of Water-Soluble Cationic Substrates in a Cationic Molecular Cage by Capping the Portals with Tripodal Anions. <i>Journal of the American Chemical Society</i> , 2020, 142, 17919-17922.	13.7	47
6	A Robust Double-walled Knotted Cage Revealed Guest Binding through Adaptive Portal Expansion. <i>Chemistry Letters</i> , 2020, 49, 912-914.	1.3	1
7	A Double-Walled Knotted Cage for Guest-Adaptive Molecular Recognition. <i>Journal of the American Chemical Society</i> , 2020, 142, 5504-5508.	13.7	85
8	Enhanced reactivity of twisted amides inside a molecular cage. <i>Nature Chemistry</i> , 2020, 12, 574-578.	13.6	164
9	Demethylenation of Cyclopropanes via Photoinduced Guest-Host Electron Transfer in an M ₆ L ₄ Cage. <i>Angewandte Chemie</i> , 2019, 131, 9269-9271.	2.0	26
10	Demethylenation of Cyclopropanes via Photoinduced Guest-Host Electron Transfer in an M ₆ L ₄ Cage. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9171-9173.	13.8	84
11	Site-Selective Functionalization of Linear Diterpenoids through U-Shaped Folding in a Confined Artificial Cavity. <i>Journal of the American Chemical Society</i> , 2019, 141, 5112-5115.	13.7	88
12	Microgram-scale X-ray Structure Analysis of Small Molecules via High-throughput Co-crystallization. <i>Chemistry Letters</i> , 2018, 47, 617-619.	1.3	3
13	Halogen-Bond-Assisted Guest Inclusion in a Synthetic Cavity. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8411-8414.	13.8	55
14	Cavity-Directed Chromism of Phthalein Dyes. <i>Journal of the American Chemical Society</i> , 2015, 137, 7043-7046.	13.7	64
15	Recognition of Polyfluorinated Compounds Through Self-Aggregation in a Cavity. <i>Journal of the American Chemical Society</i> , 2014, 136, 1786-1788.	13.7	88
16	Temporary and Permanent Trapping of the Metastable Twisted Conformer of an Overcrowded Chromic Alkene via Encapsulation. <i>Journal of the American Chemical Society</i> , 2012, 134, 17420-17423.	13.7	80
17	Photo-driven anti-Markovnikov alkyne hydration in self-assembled hollow complexes. <i>Chemical Communications</i> , 2011, 47, 10960.	4.1	51
18	Electrophilic Spirocyclization of a 2-Biphenylacetylene via Conformational Fixing within a Hollow-Cage Host. <i>Angewandte Chemie</i> , 0, , .	2.0	3