

# Hiroki Takezawa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5054046/publications.pdf>

Version: 2024-02-01

18  
papers

955  
citations

687363

13  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1032  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced reactivity of twisted amides inside a molecular cage. <i>Nature Chemistry</i> , 2020, 12, 574-578.	13.6	164
2	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
3	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
4	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
5	Demethylenation of Cyclopropanes via Photoinduced Guest-to-Host Electron Transfer in an M <sub>6</sub> L <sub>4</sub> Cage. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9171-9173.	13.8	84
6	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
7	Cavity-Directed Chromism of Phthalein Dyes. <i>Journal of the American Chemical Society</i> , 2015, 137, 7043-7046.	13.7	64
8	Molecular Confinement Effects by Self-Assembled Coordination Cages. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2351-2369.	3.2	63
9	Halogen-Bond-Assisted Guest Inclusion in a Synthetic Cavity. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8411-8414.	13.8	55
10	Photo-driven anti-Markovnikov alkyne hydration in self-assembled hollow complexes. <i>Chemical Communications</i> , 2011, 47, 10960.	4.1	51
11	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
12	Demethylenation of Cyclopropanes via Photoinduced Guest-to-Host Electron Transfer in an M <sub>6</sub> L <sub>4</sub> Cage. <i>Angewandte Chemie</i> , 2019, 131, 9269-9271.	2.0	26
13	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
14	An Ir <sub>3</sub> L <sub>2</sub> complex with anion binding pockets: photocatalytic E-to-Z isomerization via molecular recognition. <i>Chemical Communications</i> , 2021, 57, 9300-9302.	4.1	14
15	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
16	Electrophilic Spirocyclization of a 2-Biphenylacetylene via Conformational Fixing within a Hollow Cage Host. <i>Angewandte Chemie</i> , 0, , .	2.0	3
17	A Robust Double-walled Knotted Cage Revealed Guest Binding through Adaptive Portal Expansion. <i>Chemistry Letters</i> , 2020, 49, 912-914.	1.3	1
18	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