

# Woo Sung Jeon

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

2,884  
citations

394421

19  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complexation of Ferrocene Derivatives by the Cucurbit[7]uril Host: A Comparative Study of the Cucurbituril and Cyclodextrin Host Families. <i>Journal of the American Chemical Society</i> , 2005, 127, 12984-12989.	13.7	440
2	Selective Inclusion of a Hetero-Guest Pair in a Molecular Host: Formation of Stable Charge-Transfer Complexes in Cucurbit[8]uril. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1526-1529.	13.8	417
3	Inclusion of methylviologen in cucurbit[7]uril. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 5007-5011.	7.1	301
4	Control of the stoichiometry in host-guest complexation by redox chemistry of guests: Inclusion of methylviologen in cucurbit[8]uril. <i>Chemical Communications</i> , 2002, , 1828-1829.	4.1	294
5	Cucurbit[7]uril: A Simple Macrocyclic, pH-Triggered Hydrogelator Exhibiting Guest-Induced Stimuli-Responsive Behavior. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 210-213.	13.8	213
6	Molecular Loop Lock: A Redox-Driven Molecular Machine Based on a Host-Stabilized Charge-Transfer Complex. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 87-91.	13.8	194
7	A[2]Pseudorotaxane-Based Molecular Machine: Reversible Formation of a Molecular Loop Driven by Electrochemical and Photochemical Stimuli. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4097-4100.	13.8	172
8	Stable $\pi$ -dimer of a tetrathiafulvalene cation radical encapsulated in the cavity of cucurbit[8]uril. <i>Chemical Communications</i> , 2004, , 806-807.	4.1	172
9	Microstructural visualization of compositional changes induced by transition metal dissolution in Ni-rich layered cathode materials by high-resolution particle analysis. <i>Nano Energy</i> , 2019, 56, 434-442.	16.0	132
10	Substituent Effect on the Luminescent Properties of a Series of Deep Blue Emitting Mixed Ligand Ir(III) Complexes. <i>Journal of Physical Chemistry B</i> , 2006, 110, 10303-10314.	2.6	69
11	Novel dendron-stabilized gold nanoparticles with high stability and narrow size distribution. <i>Chemical Communications</i> , 2001, , 667-668.	4.1	68
12	Degradation of High-Nickel Layered Oxide Cathodes from Surface to Bulk: A Comprehensive Structural, Chemical, and Electrical Analysis. <i>Advanced Energy Materials</i> , 2020, 10, 2001035.	19.5	66
13	Synthetic Molecular Machine Based on Reversible End-to-Interior and End-to-End Loop Formation Triggered by Electrochemical Stimuli. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1277-1283.	3.3	56
14	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2395-2398.	2.0	47
15	Evolution and expansion of Li concentration gradient during charge-discharge cycling. <i>Nature Communications</i> , 2021, 12, 3814.	12.8	40
16	Study on a set of bis-cyclometalated Ir(III) complexes with a common ancillary ligand. <i>Dalton Transactions</i> , 2008, , 4732.	3.3	36
17	Electrochemically Controllable Reversible Formation of Cucurbit[8]uril-Stabilized Charge-Transfer Complex on Surface. <i>Supramolecular Chemistry</i> , 2008, 20, 149-155.	1.2	24
18	A new cucurbit[6]uril-based ion-selective electrode for acetylcholine with high selectivity over choline and related quaternary ammonium ions. <i>Supramolecular Chemistry</i> , 2012, 24, 487-491.	1.2	16

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19	Selective Inclusion of a Hetero-Guest Pair in a Molecular Host: Formation of Stable Charge-Transfer Complexes in Cucurbit. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1526-1529.	13.8	8