

Woo Sung Jeon

List of Publications by Year in descending order

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

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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