Sung Cho

List of Publications by Year
in descending order

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31	1,624	304743 22	477307 29
papers	citations	h-index	g-index

31	31	31	1819
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Freestanding palladium nanonetworks electrocatalyst for oxygen reduction reaction in fuel cells. International Journal of Hydrogen Energy, 2018, 43, 229-238.	7.1	31
2	Electrochemically reduced graphene-oxide supported bimetallic nanoparticles highly efficient for oxygen reduction reaction with excellent methanol tolerance. Applied Surface Science, 2018, 434, 905-912.	6.1	25
3	Simultaneous reduction and nitrogen functionalization of graphene oxide using lemon for metal-free oxygen reduction reaction. Journal of Power Sources, 2017, 372, 116-124.	7.8	48
4	Efficient Electron Transfer Processes and Enhanced Electrocatalytic Activity of Cobalt(II) Porphyrin Anchored on Graphene Oxide. Israel Journal of Chemistry, 2016, 56, 169-174.	2.3	5
5	Advantages of Mobile Liquid-Crystal Phase of AIE Luminogens for Effective Solid-State Emission. Journal of Physical Chemistry C, 2016, 120, 26695-26702.	3.1	33
6	Polarity Effect of Exterior Chains on Self-Assembled Structure and Aggregation Mechanism of Tetraphenylethene Derivatives in THF/Water Mixtures. Journal of Physical Chemistry C, 2015, 119, 16223-16229.	3.1	11
7	An Unusual Stacking Transformation in Liquidâ€Crystalline Columnar Assemblies of Clicked Molecular Propellers with Tunable Light Emissions. Chemistry - A European Journal, 2014, 20, 12734-12739.	3.3	51
8	Enhanced electrocatalytic activity of oxygen reduction by cobalt-porphyrin functionalized withÂgraphene oxide in an alkaline solution. International Journal of Hydrogen Energy, 2014, 39, 4803-4811.	7.1	58
9	Characteristic Electronic Perturbation by Asymmetric Arrangements of p-Aminophenyl Substituents in Free-Base Porphyrins. Journal of Physical Chemistry A, 2014, 118, 4995-5001.	2.5	15
10	Electron delocalization in various triply linked zinc(ii) porphyrin arrays: role of antiaromatic junctions between aromatic porphyrins. Physical Chemistry Chemical Physics, 2011, 13, 16175.	2.8	13
11	Large Porphyrin Squares from the Selfâ€Assembly of mesoâ€Triazoleâ€Appended <scp>L</scp>â€Shaped mesoâ€“mesoâ€Linked Zn^{II}â€“Triporphyrins: Synthesis and Efficient Energy Transfer. Chemistry - A European Journal, 2010, 16, 5052-5061.	3.3	45
12	Defining Spectroscopic Features of Heteroannulenic Antiaromatic Porphyrinoids. Journal of Physical Chemistry Letters, 2010, 1, 895-900.	4.6	117
13	Aromatic versus Antiaromatic Effect on Photophysical Properties of Conformationally Locked trans-Vinylene-Bridged Hexaphyrins. Journal of the American Chemical Society, 2009, 131, 7360-7367.	13.7	96
14	Structural Factors Determining Photophysical Properties of Directly Linked Zinc(II) Porphyrin Dimers: Linking Position, Dihedral Angle, and Linkage Length. Journal of Physical Chemistry B, 2009, 113, 10619-10627.	2.6	39
15	Structural Dependence on Excitation Energy Migration Processes in Artificial Light Harvesting Cyclic Zinc(II) Porphyrin Arrays. Journal of Physical Chemistry B, 2009, 113, 15074-15082.	2.6	33
16	Unusual Interchromophoric Interactions in Î²,Î²â€² Directly and Doubly Linked Corrole Dimers: Prohibited Electronic Communication and Abnormal Singlet Ground States. Journal of the American Chemical Society, 2009, 131, 6412-6420.	13.7	79
17	A Stable Radical Species from Facile Oxygenation of mesoâ€Free 5,10,20,25â€Tetrakis(pentafluorophenyl)â€Substituted [26]Hexaphyrin(1.1.1.1.1.1). Angewandte Chemie - International Edition, 2008, 47, 9661-9665.	13.8	94
18	Control of Molecular Structures and Photophysical Properties of Zinc(II) Porphyrin Dendrimers Using Bidentate Guests: Utilization of Flexible Dendrimer Structures as a Controllable Mold. Journal of Physical Chemistry A, 2008, 112, 6869-6876.	2.5	29

#	Article	IF	Citations
19	Perturbation of Electronic States and Energy Relaxation Dynamics in Phenylene Bridged ZnII Porphyrin Dimers. , 2007, , .		0
20	A Hexagonal Prismatic Porphyrin Array:â€‰ Synthesis, STM Detection, and Efficient Energy Hopping in Near-Infrared Region. Journal of Physical Chemistry A, 2007, 111, 9233-9239.	2.5	13
21	Perturbation of Electronic States and Energy Relaxation Dynamics in a Series of Phenylene Bridged ZnIIPorphyrin Dimers. Journal of Physical Chemistry C, 2007, 111, 14881-14888.	3.1	27
22	Giant Porphyrin Wheels with Large Electronic Coupling as Models of Light-Harvesting Photosynthetic Antenna. Chemistry - A European Journal, 2006, 12, 1319-1327.	3.3	88
23	Relationship between Incoherent Excitation Energy Migration Processes and Molecular Structures in Zinc(II) Porphyrin Dendrimers. Chemistry - A European Journal, 2006, 12, 7576-7584.	3.3	58
24	Intramolecular and intermolecular energy transfers in donor-acceptor linear porphyrin arrays. Journal of Chemical Physics, 2006, 125, 074902.	3.0	15
25	Femtosecond coherent spectroscopic study of Zn(II) porphyrin by chirping-controlled ultrashort pulses. Springer Series in Chemical Physics, 2005, , 517-519.	0.2	0
26	Single Molecule Spectroscopic Investigation on Conformational Heterogeneity of Directly Linked Zinc(II) Porphyrin Arrays. Journal of the American Chemical Society, 2005, 127, 15201-15206.	13.7	34
27	Comparative Studies on Energy Relaxation Dynamics of Directly Linked ZnII Porphyrin Dimers with Different Dihedral Angles. Journal of Physical Chemistry A, 2003, 107, 1897-1903.	2.5	19
28	Efficient Excitation Energy Transfer in Long Mesoâ^'Meso Linked Zn(II) Porphyrin Arrays Bearing a 5,15-Bisphenylethynylated Zn(II) Porphyrin Acceptor. Journal of the American Chemical Society, 2003, 125, 9668-9681.	13.7	114
29	Excitation Energy Transport Processes of Porphyrin Monomer, Dimer, Cyclic Trimer, and Hexamer Probed by Ultrafast Fluorescence Anisotropy Decay. Journal of the American Chemical Society, 2003, 125, 5849-5860.	13.7	154
30	Ultrafast transient dynamics of Zn(II) porphyrins: Observation of vibrational coherence by controlling chirp of femtosecond pulses. Journal of Chemical Physics, 2003, 118, 164-171.	3.0	63
31	Photophysical Properties of Porphyrin Tapes. Journal of the American Chemical Society, 2002, 124, 14642-14654.	13.7	217