Youn K Kang

List of Publications by Year
in descending order

21	531	933447	839539
papers	citations	10	18
		h-index	g-index

21	21	21	861
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Helical Wrapping of Single-Walled Carbon Nanotubes by Water Soluble Poly(p-phenyleneethynylene). Nano Letters, 2009, 9, 1414-1418.	9.1	162
2	Distance Dependence of Electron Transfer in Rigid, Cofacially Compressed, Ï€-Stacked Porphyrinâ^'Bridgeâ^'Quinone Systems. Journal of the American Chemical Society, 2002, 124, 8275-8279.	13.7	66
3	Generalized Mullikenâ^'Hush Analysis of Electronic Coupling Interactions in Compressed Ï€-Stacked Porphyrinâ^'Bridgeâ^'Quinone Systems. Journal of the American Chemical Society, 2005, 127, 11303-11310.	13.7	57
4	Electron transfer reactions of rigid, cofacially compressed, Ï€-stacked porphyrinâ€"bridgeâ€"quinone systems. Coordination Chemistry Reviews, 2011, 255, 804-824.	18.8	43
5	The Degree of Charge Transfer in Ground and Charge-Separated States Revealed by Ultrafast Visible Pump/Mid-IR Probe Spectroscopy. Journal of the American Chemical Society, 2004, 126, 5022-5023.	13.7	36
6	Cell growth inhibition and apoptosis by SDS-solubilized single-walled carbon nanotubes in normal rat kidney epithelial cells. Archives of Pharmacal Research, 2011, 34, 661-669.	6.3	35
7	Synthesis of Water-Soluble Poly(p-phenyleneethynylene) in Neat Water under Aerobic Conditions via Suzuki-Miyaura Polycondensation Using a Diborylethyne Synthon. Organic Letters, 2008, 10, 1341-1344.	4.6	33
8	Temperature-Dependent Mechanistic Transition for Photoinduced Electron Transfer Modulated by Excited-State Vibrational Relaxation Dynamicsâ€. Journal of Physical Chemistry B, 2007, 111, 6829-6838.	2.6	26
9	The site-selectivity and mechanism of Pd-catalyzed C(sp²)â€"H arylation of simple arenes. Chemical Science, 2021, 12, 363-373.	7.4	20
10	Pdâ€Catalyzed Cycloisomerization of 4â€Azaâ€1,6â€enynes to 3â€Azaâ€bicyclo[4.1.0]heptâ€2â€enes. Chemistry - A European Journal, 2014, 20, 9024-9036.	3.3	12
11	Distance Dependence of Electronic Coupling in Rigid, Cofacially Compressed, Ï€-Stacked Organic Mixed-Valence Systems. Journal of Physical Chemistry B, 2020, 124, 1033-1048.	2.6	9
12	Probing Ground-to-CT State Electronic Coupling for the System with No Apparent Charge Transfer Absorption Intensity by Ultrafast Visible-Pump/Mid-IR-Probe Spectroscopy. Journal of Physical Chemistry C, 2011, 115, 22557-22562.	3.1	8
13	Experimental and Theoretical Investigation of Hydrogenative Cyclization of Allenynes. European Journal of Organic Chemistry, 2011, 2011, 3748-3754.	2.4	8
14	Orientational Dependence of Cofacial Porphyrinâ€"Quinone Electronic Interactions within the Strong Coupling Regime. Journal of Physical Chemistry B, 2019, 123, 10456-10462.	2.6	8
15	Facile Synthesis of Polyaromatic Bisarylethynes Using a Diborylethyne Synthon. Bulletin of the Korean Chemical Society, 2016, 37, 576-579.	1.9	2
16	A Density Functional Theory Study on the Ligand Substitution Mechanism of a Square Planar Pd Complex. Bulletin of the Korean Chemical Society, 2016, 37, 1057-1063.	1.9	2
17	A <scp>DFT</scp> Study on the Reaction Mechanism of the Pd(<scp>II</scp>)â€catalyzed Cycloisomerization of 4â€Azaâ€1â€cyclopropylâ€1,6â€enyne: A Solvent Effect. Bulletin of the Korean Chemical Society, 2016, 37, 898-904.	1.9	1
18	Interrogation of fractional crystallization behavior of a newly exploited chiral resolution method for racemic 1-(pyridin-2-yl)ethylamine via DFT-D3 calculations of cohesive energy. Inorganic Chemistry Frontiers, 2019, 6, 2325-2338.	6.0	1

#	Article	IF	Citations
19	Predicting Potential Inversion Behavior of Ruâ€“aqua Complexes via Using Cost Effective DFT Calculations. Bulletin of the Korean Chemical Society, 2019, 40, 1098-1111.	1.9	1
20	Design of Ruâ€aqua complex possessing potential inversion behavior. Bulletin of the Korean Chemical Society, 0, , .	1.9	1
21	Evaluation of Throughâ€Space Electronic Coupling in the Cofacially Aligned Ï€â€Stacked Organic Mixedâ€Valence System. Bulletin of the Korean Chemical Society, 2021, 42, 618-625.	1.9	0