

# Youn K Kang

## List of Publications by Year in descending order

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21  
papers

531  
citations

933447

10  
h-index

839539

18  
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21  
docs citations

21  
times ranked

861  
citing authors

#	ARTICLE	IF	CITATIONS
1	The site-selectivity and mechanism of Pd-catalyzed C(sp <sup>2</sup> )–H arylation of simple arenes. <i>Chemical Science</i> , 2021, 12, 363-373.	7.4	20
2	Evaluation of Through-Space Electronic Coupling in the Cofacially Aligned $\pi$ -Stacked Organic Mixed-Valence System. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 618-625.	1.9	0
3	Distance Dependence of Electronic Coupling in Rigid, Cofacially Compressed, $\pi$ -Stacked Organic Mixed-Valence Systems. <i>Journal of Physical Chemistry B</i> , 2020, 124, 1033-1048.	2.6	9
4	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. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2325-2338.	6.0	1
5	Predicting Potential Inversion Behavior of Ru-aqua Complexes via Using Cost Effective DFT Calculations. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 1098-1111.	1.9	1
6	Oriental Dependence of Cofacial Porphyrin-Quinone Electronic Interactions within the Strong Coupling Regime. <i>Journal of Physical Chemistry B</i> , 2019, 123, 10456-10462.	2.6	8
7	Facile Synthesis of Polyaromatic Bisarylethyne Using a Diborylethyne Synthon. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 576-579.	1.9	2
8	A Density Functional Theory Study on the Ligand Substitution Mechanism of a Square Planar Pd Complex. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 1057-1063.	1.9	2
9	A DFT Study on the Reaction Mechanism of the Pd-catalyzed Cycloisomerization of 4-azacyclopropyl-1,6-enyne: A Solvent Effect. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 898-904.	1.9	1
10	Pd-Catalyzed Cycloisomerization of 4-azacyclopropyl-1,6-enynes to 3-azabicyclo[4.1.0]hept-2-enes. <i>Chemistry, A European Journal</i> , 2014, 20, 9024-9036.	3.3	12
11	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. <i>Journal of Physical Chemistry C</i> , 2011, 115, 22557-22562.	3.1	8
12	Electron transfer reactions of rigid, cofacially compressed, $\pi$ -stacked porphyrin-bridge-quinone systems. <i>Coordination Chemistry Reviews</i> , 2011, 255, 804-824.	18.8	43
13	Cell growth inhibition and apoptosis by SDS-solubilized single-walled carbon nanotubes in normal rat kidney epithelial cells. <i>Archives of Pharmacal Research</i> , 2011, 34, 661-669.	6.3	35
14	Experimental and Theoretical Investigation of Hydrogenative Cyclization of Allenynes. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3748-3754.	2.4	8
15	Helical Wrapping of Single-Walled Carbon Nanotubes by Water Soluble Poly( <i>p</i> -phenyleneethynylene). <i>Nano Letters</i> , 2009, 9, 1414-1418.	9.1	162
16	Synthesis of Water-Soluble Poly( <i>p</i> -phenyleneethynylene) in Neat Water under Aerobic Conditions via Suzuki-Miyaura Polycondensation Using a Diborylethyne Synthon. <i>Organic Letters</i> , 2008, 10, 1341-1344.	4.6	33
17	Temperature-Dependent Mechanistic Transition for Photoinduced Electron Transfer Modulated by Excited-State Vibrational Relaxation Dynamics. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6829-6838.	2.6	26
18	Generalized Mulliken-Hush Analysis of Electronic Coupling Interactions in Compressed $\pi$ -Stacked Porphyrin-Bridge-Quinone Systems. <i>Journal of the American Chemical Society</i> , 2005, 127, 11303-11310.	13.7	57

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19	The Degree of Charge Transfer in Ground and Charge-Separated States Revealed by Ultrafast Visible Pump/Mid-IR Probe Spectroscopy. <i>Journal of the American Chemical Society</i> , 2004, 126, 5022-5023.	13.7	36
20	Distance Dependence of Electron Transfer in Rigid, Cofacially Compressed, $\pi$ -Stacked Porphyrin <sup>+</sup> -Bridge <sup>-</sup> Quinone Systems. <i>Journal of the American Chemical Society</i> , 2002, 124, 8275-8279.	13.7	66
21	Design of Ru <sup>II</sup> -aqua complex possessing potential inversion behavior. <i>Bulletin of the Korean Chemical Society</i> , 0, , .	1.9	1