

# Yeung Chi Shun

## List of Publications by Year in descending order

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17  
papers

431  
citations

1040056

9  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

687  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-pot synthesis to prepare lignin/photoacid nanohybrids for multifunctional biosensors and photo-triggered singlet oxygen generation. <i>Green Chemistry</i> , 2022, 24, 2904-2918.	9.0	6
2	Staged organosolv pretreatment to increase net energy and reactive lignin yield in whole oil palm tree biorefinery. <i>Bioresource Technology</i> , 2021, 326, 124766.	9.6	18
3	Insights into unexpected photoisomerization from photooxidation of tribromoacetic acid in aqueous environment using ultrafast spectroscopy. <i>Journal of Hazardous Materials</i> , 2021, 418, 126214.	12.4	1
4	Biphasic pretreatment for energy and carbon efficient conversion of lignocellulose into bioenergy and reactive lignin. <i>Applied Energy</i> , 2021, 303, 117653.	10.1	25
5	Enhancement of Elemental Sulfur Recovery from Wastewater Biogas Using Nickel (II)-(5,10,15,20)-tetrakis-phenylcarboxylporphyrin. <i>KSCE Journal of Civil Engineering</i> , 2020, 24, 1424-1429.	1.9	0
6	Development of a waste-derived lignin-porphyrin bio-polymer with enhanced photoluminescence at high water fraction with wide pH range and heavy metal sensitivity investigations. <i>Green Chemistry</i> , 2019, 21, 1319-1329.	9.0	27
7	Diol pretreatment to fractionate a reactive lignin in lignocellulosic biomass biorefineries. <i>Green Chemistry</i> , 2019, 21, 2788-2800.	9.0	109
8	Stable luminescent iridium( <sup>III</sup> ) complexes with bis(N-heterocyclic carbene) ligands: photo-stability, excited state properties, visible-light-driven radical cyclization and CO <sub>2</sub> reduction, and cellular imaging. <i>Chemical Science</i> , 2016, 7, 3123-3136.	7.4	107
9	A Computational Chemistry Investigation of the Mechanism of the Water-Assisted Decomposition of Trichloroethylene Oxide. <i>Journal of Physical Chemistry A</i> , 2014, 118, 1557-1567.	2.5	8
10	Vibronic coupling and excited-state reaction dynamics of pyrazine in 1 <sup>1</sup> B <sub>2u</sub> ( <sup>1</sup> ππ*) state by resonance Raman spectroscopy and CASSCF calculation. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1477-1486.	2.5	8
11	Unraveling the Mechanism of the Photodeprotection Reaction of 8-Bromo- and 8-Chloro-7-hydroxyquinoline Caged Acetates. <i>Chemistry - A European Journal</i> , 2012, 18, 6854-6865.	3.3	27
12	Resonance Raman spectroscopy and density functional theory calculation study of photodecay dynamics of tetra(4-carboxyphenyl) porphyrin. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 10183.	2.8	23
13	Water assisted dehalogenation of thionyl halides in the presence of water molecules. <i>Computational and Theoretical Chemistry</i> , 2011, 963, 325-336.	2.5	7
14	Water- and Acid-Mediated Excited-State Intramolecular Proton Transfer and Decarboxylation Reactions of Ketoprofen in Water-Rich and Acidic Aqueous Solutions. <i>Chemistry - A European Journal</i> , 2011, 17, 10935-10950.	3.3	43
15	Water-Assisted Dehalogenation of Thionyl Chloride in the Presence of Water Molecules. <i>Journal of Physical Chemistry A</i> , 2010, 114, 4123-4130.	2.5	15
16	Time-Resolved Resonance Raman Study of the Effect of pH on the Photoreactions of 3-Benzoylpyridine in Aqueous Solution. <i>Journal of Physical Chemistry A</i> , 2009, 113, 12215-12224.	2.5	5
17	Smart control for micro-aeration toward sulfide removal in sewer systems at low costs. , 0, 200, 369-375.		2