

Wichien Sang-aroon

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

471
citations

1163117

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h-index

1372567

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g-index

13
all docs

13
docs citations

13
times ranked

585
citing authors

#	ARTICLE	IF	CITATIONS
1	A DFT calculation on nonenzymatic degradation of isoaspartic residue. Journal of Molecular Modeling, 2021, 27, 300.	1.8	0
2	Electrocatalytic activity of disulfide/thiolate with graphene nanosheets as an efficient counter electrode for DSSCs: A DFT study. Materials Today Communications, 2020, 22, 100742.	1.9	7
3	Electrocatalytic activity of disulfide/thiolate with graphene nanosheets as an efficient counter electrode for DSSCs: A DFT study. Materials Today Communications, 2020, 22, 100740.	1.9	2
4	Photovoltaic Performance of Natural Dyes for Dye-Sensitized Solar Cells. , 2019, , 203-229.		12
5	Coumarins and alkaloids from the roots of <i>Toddalia asiatica</i> . Natural Product Research, 2018, 32, 944-952.	1.8	22
6	Performance and stability of low-cost dye-sensitized solar cell based crude and pre-concentrated anthocyanins: Combined experimental and DFT/TDDFT study. Journal of Molecular Structure, 2017, 1127, 145-155.	3.6	26
7	Tautomeric transformation of temozolomide, their proton affinities and chemical reactivities: A theoretical approach. Journal of Molecular Graphics and Modelling, 2016, 66, 76-84.	2.4	0
8	A dye sensitized solar cell using natural counter electrode and natural dye derived from mangosteen peel waste. Scientific Reports, 2015, 5, 15230.	3.3	130
9	Theoretical insight into electronic and photoelectrochemical properties of orcein dyes relevant to dye-sensitized solar cells. Monatshefte für Chemie, 2014, 145, 1529-1537.	1.8	8
10	DFT and TDDFT study on the electronic structure and photoelectrochemical properties of dyes derived from cochineal and lac insects as photosensitizer for dye-sensitized solar cells. Journal of Molecular Modeling, 2013, 19, 1407-1415.	1.8	29
11	A density functional theory study on peptide bond cleavage at aspartic residues: direct vs cyclic intermediate hydrolysis. Journal of Molecular Modeling, 2013, 19, 5501-5513.	1.8	28
12	Theoretical study on isomerization and peptide bond cleavage at aspartic residue. Journal of Molecular Modeling, 2013, 19, 3627-3636.	1.8	9
13	Density functional theory study on the electronic structure of Monascus dyes as photosensitizer for dye-sensitized solar cells. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 236, 35-40.	3.9	198