Wook Lee

List of Publications by Year
in descending order

10 papers	140 citations	1307594 7 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	179 citing authors

#	Article	IF	Citations
1	Considering both small and large scale motions of vascular endothelial growth factor (VEGF) is crucial for reliably predicting its binding affinities to DNA aptamers. RSC Advances, 2021, 11, 9315-9326.	3.6	1
2	Free energy level correction by Monte Carlo resampling with weighted histogram analysis method. Chinese Journal of Chemical Physics, 2020, 33, 183-195.	1.3	2
3	Stabilization of the Triplet Biradical Intermediate of 5â€Methylcytosine Enhances Cyclobutane Pyrimidine Dimer (CPD) Formation in DNA. Chemistry - A European Journal, 2020, 26, 14181-14186.	3.3	3
4	Role of charge transfer states into the formation of cyclobutane pyrimidine dimers in DNA. Faraday Discussions, 2019, 216, 507-519.	3.2	12
5	Photochemical Formation of Cyclobutane Pyrimidine Dimers in DNA through Electron Transfer from a Flanking Base. ChemPhysChem, 2018, 19, 1568-1571.	2.1	13
6	A proton transfer network that generates deprotonated tyrosine is a key to producing reactive oxygen species in phototoxic KillerRed protein. Physical Chemistry Chemical Physics, 2018, 20, 22342-22350.	2.8	9
7	Conformational and electronic effects on the formation of anti cyclobutane pyrimidine dimers in G-quadruplex structures. Physical Chemistry Chemical Physics, 2017, 19, 3325-3336.	2.8	12
8	Coexistence of Different Electronâ€Transfer Mechanisms in the DNA Repair Process by Photolyase. Chemistry - A European Journal, 2016, 22, 11371-11381.	3.3	23
9	Excimers and Exciplexes in Photoinitiated Processes of Oligonucleotides. Journal of Physical Chemistry Letters, 2016, 7, 976-984.	4.6	38
10	QM/MM studies reveal pathways leading to the quenching of the formation of thymine dimer photoproduct by flanking bases. Physical Chemistry Chemical Physics, 2015, 17, 9927-9935.	2.8	27