

Wook Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9405837/publications.pdf>

Version: 2024-02-01

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