

Valentin Georgiev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5298086/publications.pdf>

Version: 2024-02-01

10
papers

289
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Reaction Mechanism of Homogentisate Dioxygenase: A Hybrid DFT Study. Journal of the American Chemical Society, 2005, 127, 17303-17314.	13.7	69
2	A comparison of the reaction mechanisms of iron- and manganese-containing 2,3-HPCD: an important spin transition for manganese. Journal of Biological Inorganic Chemistry, 2008, 13, 929-940.	2.6	44
3	A Unified Proteochemometric Model for Prediction of Inhibition of Cytochrome P450 Isoforms. PLoS ONE, 2013, 8, e66566.	2.5	42
4	Theoretical study of the catalytic reaction mechanism of MndD. Journal of Biological Inorganic Chemistry, 2006, 11, 571-585.	2.6	31
5	Theoretical Insights into Heme-Catalyzed Oxidation of Cyclohexane to Adipic Acid. Inorganic Chemistry, 2011, 50, 1194-1202.	4.0	31
6	DFT Study on the Catalytic Reactivity of a Functional Model Complex for Intradiol-Cleaving Dioxygenases. Journal of Physical Chemistry B, 2010, 114, 5878-5885.	2.6	25
7	On the observation of a gem diol intermediate after O-O bond cleavage by extradiol dioxygenases. A hybrid DFT study. Journal of Molecular Modeling, 2010, 16, 1673-1677.	1.8	16
8	The alkenyl migration mechanism catalyzed by extradiol dioxygenases: a hybrid DFT study. Journal of Biological Inorganic Chemistry, 2012, 17, 881-890.	2.6	12
9	Open Source Drug Discovery with Bioclipse. Current Topics in Medicinal Chemistry, 2012, 12, 1980-1986.	2.1	11
10	Bioclipse-R: integrating management and visualization of life science data with statistical analysis. Bioinformatics, 2013, 29, 286-289.	4.1	8