

Tugba G Kucukkal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3620997/publications.pdf>

Version: 2024-02-01

16
papers

518
citations

933447

10
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

640
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and physico-chemical effects of disease and non-disease nsSNPs on proteins. <i>Current Opinion in Structural Biology</i> , 2015, 32, 18-24.	5.7	165
2	On Human Disease-Causing Amino Acid Variants: Statistical Study of Sequence and Structural Patterns. <i>Human Mutation</i> , 2015, 36, 524-534.	2.5	122
3	Binding Analysis of Methyl-CpG Binding Domain of MeCP2 and Rett Syndrome Mutations. <i>ACS Chemical Biology</i> , 2016, 11, 2706-2715.	3.4	50
4	Computational Chemistry Activities with Avogadro and ORCA. <i>Journal of Chemical Education</i> , 2021, 98, 1335-1341.	2.3	40
5	Computational and Experimental Approaches to Reveal the Effects of Single Nucleotide Polymorphisms with Respect to Disease Diagnostics. <i>International Journal of Molecular Sciences</i> , 2014, 15, 9670-9717.	4.1	31
6	Impact of Rett Syndrome Mutations on MeCP2 MBD Stability. <i>Biochemistry</i> , 2015, 54, 6357-6368.	2.5	30
7	Simulation of multiphase systems utilizing independent force fields to control intraphase and interphase behavior. <i>Journal of Computational Chemistry</i> , 2012, 33, 1458-1466.	3.3	21
8	Mutations in the KDM5C ARID Domain and Their Plausible Association with Syndromic Claes-Jensen-Type Disease. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27270-27287.	4.1	21
9	Structural, Dynamical, and Energetical Consequences of Rett Syndrome Mutation R133C in MeCP2. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-9.	1.3	14
10	PChem Challenge Game: Reinforcing Learning in Physical Chemistry. <i>Journal of Chemical Education</i> , 2019, 96, 1187-1193.	2.3	13
11	Polarizable Molecular Dynamics Simulations of Aqueous Dipeptides. <i>Journal of Physical Chemistry B</i> , 2012, 116, 8733-8740.	2.6	8
12	Identification of Hotspot Residues in Binding of SARS-CoV-2 Spike and Human ACE2 Proteins. <i>Journal of Computational Biophysics and Chemistry</i> , 2021, 20, 729-739.	1.7	2
13	Computational and structural studies of MeCP2 and associated mutants. <i>Journal of Theoretical and Computational Chemistry</i> , 2020, 19, 2041001.	1.8	1
14	Modeling ion permeation in wild-type and mutant human $\hat{\pm}7$ nachr ion channels. <i>Journal of Theoretical and Computational Chemistry</i> , 2018, 17, 1850045.	1.8	0
15	A Biophysics Undergraduate Research Story from the University for the Deaf and Hard of Hearing. <i>Biophysical Journal</i> , 2021, 120, 18a.	0.5	0
16	Identifying Hotspots in Binding of SARS-CoV-2 Spike Glycoprotein and Human ACE2. <i>Biophysical Journal</i> , 2021, 120, 200a.	0.5	0