

# 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  | 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         |
| 2  | Identifying Hotspots in Binding of SARS-CoV-2 Spike Glycoprotein and Human ACE2. <i>Biophysical Journal</i> , 2021, 120, 200a.  | 0.5 | 0         |
| 3  | Computational Chemistry Activities with Avogadro and ORCA. <i>Journal of Chemical Education</i> , 2021, 98, 1335-1341.  | 2.3 | 40        |
| 4  | 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         |
| 5  | Computational and structural studies of MeCP2 and associated mutants. <i>Journal of Theoretical and Computational Chemistry</i> , 2020, 19, 2041001.  | 1.8 | 1         |
| 6  | PChem Challenge Game: Reinforcing Learning in Physical Chemistry. <i>Journal of Chemical Education</i> , 2019, 96, 1187-1193.   | 2.3 | 13        |
| 7  | Modeling ion permeation in wild-type and mutant human $\text{h}\hat{\text{h}}7$ nachr ion channels. <i>Journal of Theoretical and Computational Chemistry</i> , 2018, 17, 1850045.                                | 1.8 | 0         |
| 8  | 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        |
| 9  | 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        |
| 10 | 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        |
| 11 | 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       |
| 12 | 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       |
| 13 | Impact of Rett Syndrome Mutations on MeCP2 MBD Stability. <i>Biochemistry</i> , 2015, 54, 6357-6368.  | 2.5 | 30        |
| 14 | 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        |
| 15 | Polarizable Molecular Dynamics Simulations of Aqueous Dipeptides. <i>Journal of Physical Chemistry B</i> , 2012, 116, 8733-8740.  | 2.6 | 8         |
| 16 | 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        |