

# Dhanusha Yesudhas

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

476  
citations

933264

10  
h-index

887953

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor Heterogeneity and Molecular Characteristics of Glioblastoma Revealed by Single-Cell RNA-Seq Data Analysis. <i>Genes</i> , 2022, 13, 428.	1.0	2
2	COVID-19 outbreak: history, mechanism, transmission, structural studies and therapeutics. <i>Infection</i> , 2021, 49, 199-213.	2.3	160
3	Deciphering the Role of Residues Involved in Disorder-To-Order Transition Regions in Archaeal tRNA Methyltransferase 5. <i>Genes</i> , 2021, 12, 399.	1.0	0
4	Understanding disorder-to-order transitions in proteinâ€“RNA complexes using molecular dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021,, 1-11.	2.0	3
5	Tackling Covidâ€™19 using disorderedâ€“order transition of residues in the spike protein upon angiotensinâ€“converting enzyme 2 binding. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 1158-1166.	1.5	9
6	VEPAD - Predicting the effect of variants associated with Alzheimer's disease using machine learning. <i>Computers in Biology and Medicine</i> , 2020, 124, 103933.	3.9	14
7	Role of disordered regions in transferring tyrosine to its cognate tRNA. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 705-713.	3.6	3
8	Structural mechanism of DNA-mediated Nanogâ€“Sox2 cooperative interaction. <i>RSC Advances</i> , 2019, 9, 8121-8130.	1.7	1
9	PAMAM/5-fluorouracil drug conjugate for targeting E6 and E7 oncoproteins in cervical cancer: a combined experimental/in silico approach. <i>RSC Advances</i> , 2017, 7, 5046-5054.	1.7	13
10	Tollâ€“like receptor 2 antagonists identified through virtual screening and experimental validation. <i>FEBS Journal</i> , 2017, 284, 2264-2283.	2.2	17
11	Evaluation of Sox2 binding affinities for distinct <sc>DNA</sc> patterns using steered molecular dynamics simulation. <i>FEBS Open Bio</i> , 2017, 7, 1750-1767.	1.0	18
12	Proteins Recognizing DNA: Structural Uniqueness and Versatility of DNA-Binding Domains in Stem Cell Transcription Factors. <i>Genes</i> , 2017, 8, 192.	1.0	28
13	Structural and conformational insights into SOX2/OCT4-bound enhancer DNA: a computational perspective. <i>RSC Advances</i> , 2016, 6, 90138-90153.	1.7	4
14	Toll-like receptors: promising therapeutic targets for inflammatory diseases. <i>Archives of Pharmacal Research</i> , 2016, 39, 1032-1049.	2.7	80
15	Cysteine redox state plays a key role in the inter-domain movements of HMGB1: a molecular dynamics simulation study. <i>RSC Advances</i> , 2016, 6, 100804-100819.	1.7	6
16	Structural Mechanism behind Distinct Efficiency of Oct4/Sox2 Proteins in Differentially Spaced DNA Complexes. <i>PLoS ONE</i> , 2016, 11, e0147240.	1.1	19
17	A Combined Molecular Docking/Dynamics Approach to Probe the Binding Mode of Cancer Drugs with Cytochrome P450 3A4. <i>Molecules</i> , 2015, 20, 14915-14935.	1.7	22
18	Multiple Roles of Toll-Like Receptor 4 in Colorectal Cancer. <i>Frontiers in Immunology</i> , 2014, 5, 334.	2.2	77