

Sneha P

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

650
citations

686830

13
h-index

580395

25
g-index

26
all docs

26
docs citations

26
times ranked

629
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Dynamics. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 102, 181-224.	1.0	132
2	Genetic Epidemiology of Glucose-6-Phosphate Dehydrogenase Deficiency in the Arab World. <i>Scientific Reports</i> , 2016, 6, 37284.	1.6	54
3	A profound computational study to prioritize the disease-causing mutations in PRPS1 gene. <i>Metabolic Brain Disease</i> , 2018, 33, 589-600.	1.4	49
4	Influence of V54M mutation in giant muscle protein titin: a computational screening and molecular dynamics approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 917-928.	2.0	44
5	Determining the role of missense mutations in the POU domain of HNF1A that reduce the DNA-binding affinity: A computational approach. <i>PLoS ONE</i> , 2017, 12, e0174953.	1.1	43
6	Molecular dynamics-based analyses of the structural instability and secondary structure of the fibrinogen gamma chain protein with the D356V mutation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 2714-2724.	2.0	39
7	Structural Analysis of G1691S Variant in the Human <i>Filamin B</i> Gene Responsible for Larsen Syndrome: A Comparative Computational Approach. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1900-1910.	1.2	38
8	Computational approach to unravel the impact of missense mutations of proteins (D2HGDH and IDH2) causing D-2-hydroxyglutaric aciduria 2. <i>Metabolic Brain Disease</i> , 2018, 33, 1699-1710.	1.4	38
9	Structural analysis of missense mutations in galactokinase 1 (GALK1) leading to galactosemia type 2. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 7585-7598.	1.2	35
10	Gliptins in managing diabetes - Reviewing computational strategy. <i>Life Sciences</i> , 2016, 166, 108-120.	2.0	27
11	A natural anticancer pigment, Pheophytin a, from a seagrass acts as a high affinity human mitochondrial translocator protein (TSPO) ligand, in silico, to reduce mitochondrial membrane Potential ($\Delta\psi$) in adenocarcinomic A549 cells. <i>Phytomedicine</i> , 2019, 61, 152858.	2.3	16
12	Structural insights into the binding mode and conformational changes of BSA induced by bixin and crocin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 2085-2098.	2.0	15
13	Probing the Protein-Protein Interaction Network of Proteins Causing Maturity Onset Diabetes of the Young. <i>Advances in Protein Chemistry and Structural Biology</i> , 2018, 110, 167-202.	1.0	15
14	A Computational Approach to Identify the Biophysical and Structural Aspects of Methylenetetrahydrofolate Reductase (MTHFR) Mutations (A222V, E429A, and R594Q) Leading to Schizophrenia. <i>Advances in Protein Chemistry and Structural Biology</i> , 2017, 108, 105-125.	1.0	14
15	Impact of missense mutations in survival motor neuron protein (SMN1) leading to Spinal Muscular Atrophy (SMA): A computational approach. <i>Metabolic Brain Disease</i> , 2018, 33, 1823-1834.	1.4	14
16	Molecular Modeling and Dynamic Simulation of <i>Arabidopsis Thaliana</i> Carotenoid Cleavage Dioxygenase Gene: A Comparison with <i>Bixa orellana</i> and <i>Crocus Sativus</i> . <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2712-2721.	1.2	12
17	Hydrophobic Interaction Between Domain I of Albumin and B Chain of Detemir May Support Myristate-Dependent Detemir-Albumin Binding. <i>Applied Biochemistry and Biotechnology</i> , 2017, 182, 82-96.	1.4	12
18	Investigating the Influence of Hotspot Mutations in Protein-Protein Interaction of IDH1 Homodimer Protein: A Computational Approach. <i>Advances in Protein Chemistry and Structural Biology</i> , 2018, 111, 243-261.	1.0	11

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19	Exploring the codon patterns between CCD and NCED genes among different plant species. <i>Computers in Biology and Medicine</i> , 2019, 114, 103449.	3.9	11
20	Elucidating the Mutational Landscape in Hepatocyte Nuclear Factor 1 β (HNF1B) by Computational Approach. <i>Advances in Protein Chemistry and Structural Biology</i> , 2017, 107, 283-306.	1.0	10
21	Functional and structural characterization of missense mutations in PAX6 gene. <i>Frontiers in Biology</i> , 2015, 10, 377-385.	0.7	6
22	Analyzing the Effect of V66M Mutation in BDNF in Causing Mood Disorders. <i>Advances in Protein Chemistry and Structural Biology</i> , 2017, 108, 85-103.	1.0	6
23	Astaxanthin biosynthetic pathway: Molecular phylogenies and evolutionary behaviour of Crt genes in eubacteria. <i>Plant Gene</i> , 2016, 8, 32-41.	1.4	4
24	Identification of novel heterozygous Apex 1 gene variant (Glu87Gln) in patients with head and neck cancer of Indian origin. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8851-8861.	1.2	3
25	An integrative bioinformatics pipeline to demonstrate the alteration of the interaction between the ALDH2*2 allele with NAD + and Disulfiram. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17030-17041.	1.2	0