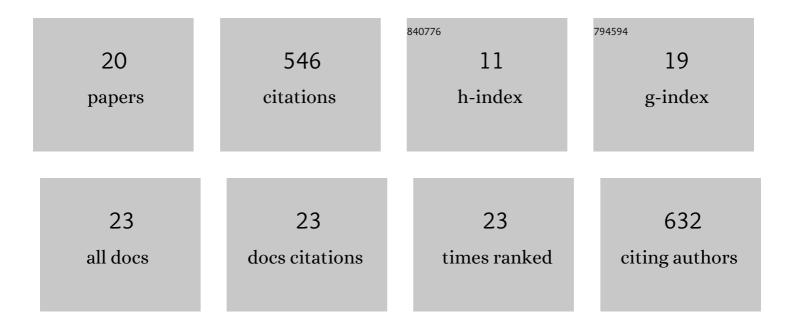
Xiaohui Cang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7633581/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Investigating the Broad Matrix-Gate Network in the Mitochondrial ADP/ATP Carrier through Molecular Dynamics Simulations. Molecules, 2022, 27, 1071.	3.8	6
2	Mechanistic insights into multiple-step transport of mitochondrial ADP/ATP carrier. Computational and Structural Biotechnology Journal, 2022, 20, 1829-1840.	4.1	5
3	Heteroplasmic and homoplasmic m.616T>C in mitochondria tRNAPhe promote isolated chronic kidney disease and hyperuricemia. JCI Insight, 2022, 7, .	5.0	7
4	The effects of cardiolipin on the structural dynamics of the mitochondrial ADP/ATP carrier in its cytosol-open state. Journal of Lipid Research, 2022, 63, 100227.	4.2	9
5	Function-related asymmetry of the specific cardiolipin binding sites on the mitochondrial ADP/ATP carrier. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183466.	2.6	15
6	Phosphorothioate Substitutions in RNA Structure Studied by Molecular Dynamics Simulations, QM/MM Calculations, and NMR Experiments. Journal of Physical Chemistry B, 2021, 125, 825-840.	2.6	11
7	The low contagiousness and new A958D mutation of SARS-CoV-2 in children: An observational cohort study International Journal of Infectious Diseases, 2021, 111, 347-353.	3.3	2
8	A deafness-associated tRNA mutation caused pleiotropic effects on the m1G37 modification, processing, stability and aminoacylation of tRNAIle and mitochondrial translation. Nucleic Acids Research, 2021, 49, 1075-1093.	14.5	19
9	O-GlcNAcylation of PGK1 coordinates glycolysis and TCA cycle to promote tumor growth. Nature Communications, 2020, 11, 36.	12.8	167
10	Overexpression of mitochondrial histidyl-tRNA synthetase restores mitochondrial dysfunction caused by a deafness-associated tRNAHismutation. Journal of Biological Chemistry, 2020, 295, 940-954.	3.4	10
11	Molecular mechanism of Bisphenol A on androgen receptor antagonism. Toxicology in Vitro, 2019, 61, 104621.	2.4	27
12	Population-based incremental learning for the prediction of Homo sapiens' protein secondary structure. International Journal of Biomathematics, 2019, 12, 1950017.	2.9	0
13	Molecular dynamics simulations on apo ADP/ATP carrier shed new lights on the featured motif of the mitochondrial carriers. Mitochondrion, 2019, 47, 94-102.	3.4	15
14	Contribution of a mitochondrial tyrosyl-tRNA synthetase mutation to the phenotypic expression of the deafness-associated tRNASer(UCN) 7511A>G mutation. Journal of Biological Chemistry, 2019, 294, 19292-19305.	3.4	17
15	A coronary artery disease-associated tRNAThr mutation altered mitochondrial function, apoptosis and angiogenesis. Nucleic Acids Research, 2019, 47, 2056-2074.	14.5	51
16	Contribution of mitochondrial ND1 3394T>C mutation to the phenotypic manifestation of Leber's hereditary optic neuropathy. Human Molecular Genetics, 2019, 28, 1515-1529.	2.9	26
17	A new gradient stochastic ranking-based multi-indicator algorithm for many-objective optimization. Soft Computing, 2019, 23, 10911-10929.	3.6	2
18	Biochemical Evidence for a Nuclear Modifier Allele (A10S) in TRMU (Methylaminomethyl-2-thiouridylate-methyltransferase) Related to Mitochondrial tRNA Modification in the Phenotypic Manifestation of Deafness-associated 12S rRNA Mutation. Journal of Biological Chemistry, 2017, 292, 2881-2892.	3.4	47

#	Article	IF	CITATIONS
19	Cholesterolâ€Î² ₁ AR interaction versus cholesterolâ€Î² ₂ AR interaction. Proteins: Structure, Function and Bioinformatics, 2014, 82, 760-770.	2.6	29
20	Mapping the Functional Binding Sites of Cholesterol in β ₂ -Adrenergic Receptor by Long-Time Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2013, 117, 1085-1094.	2.6	80