Zhengrong Yang

List of Publications by Year
in descending order

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12	415	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	558
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stability Prediction for Mutations in the Cytosolic Domains of Cystic Fibrosis Transmembrane Conductance Regulator. Journal of Chemical Information and Modeling, 2021, 61, 1762-1777.	5.4	7
2	Stability of the Retinoid X Receptor-Î± Homodimer in the Presence and Absence of Rexinoid and Coactivator Peptide. Biochemistry, 2021, 60, 1165-1177.	2.5	6
3	Structural stability of purified human CFTR is systematically improved by mutations in nucleotide binding domain 1. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 1193-1204.	2.6	17
4	Ligand binding to a remote site thermodynamically corrects the F508del mutation in the human cystic fibrosis transmembrane conductance regulator. Journal of Biological Chemistry, 2018, 293, 17685-17704.	3.4	9
5	Direct Binding of the Corrector VX-809 to Human CFTR NBD1: Evidence of an Allosteric Coupling between the Binding Site and the NBD1:CL4 Interface. Molecular Pharmacology, 2017, 92, 124-135.	2.3	85
6	Stabilization of a nucleotide-binding domain of the cystic fibrosis transmembrane conductance regulator yields insight into disease-causing mutations. Journal of Biological Chemistry, 2017, 292, 14147-14164.	3.4	15
7	Interactions and cooperativity between P-glycoprotein structural domains determined by thermal unfolding provides insights into its solution structure and function. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 48-60.	2.6	17
8	A Guide to Differential Scanning Calorimetry of Membrane and Soluble Proteins in Detergents. Methods in Enzymology, 2016, 567, 319-358.	1.0	17
9	Restoration of NBD1 Thermal Stability Is Necessary and Sufficient to Correct âˆ†F508 CFTR Folding and Assembly. Journal of Molecular Biology, 2015, 427, 106-120.	4.2	53
10	Membrane protein stability can be compromised by detergent interactions with the extramembranous soluble domains. Protein Science, 2014, 23, 769-789.	7.6	74
11	Gene expression profiling of CD4+T cells in treatment-naive HIV, HCV mono- or co-infected Chinese. Virology Journal, 2014, 11, 27.	3.4	4
12	Thermal unfolding studies show the disease causing F508del mutation in CFTR thermodynamically destabilizes nucleotideâ€‘binding domain 1. Protein Science, 2010, 19, 1917-1931.	7.6	111