Ramasamy P Kumar

List of Publications by Year
in descending order

14	517	933264 10	1058333 14
papers	citations	h-index	g-index

15	15	15	907
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanism Underlying Anti-Markovnikov Addition in the Reaction of Pentalenene Synthase. Biochemistry, 2020, 59, 3271-3283.	1.2	11
2	Direct Evidence of an Enzyme-Generated LPP Intermediate in (+)-Limonene Synthase Using a Fluorinated GPP Substrate Analog. ACS Chemical Biology, 2019, 14, 2035-2043.	1.6	8
3	Functional and Structural Characterization of a (+)-Limonene Synthase from Citrus sinensis. Biochemistry, 2017, 56, 1706-1715.	1.2	41
4	Structural Characterization of Early Michaelis Complexes in the Reaction Catalyzed by (+)-Limonene Synthase from Citrus sinensis Using Fluorinated Substrate Analogues. Biochemistry, 2017, 56, 1716-1725.	1.2	27
5	Purification and Characterization of RhoPDE, a Retinylidene/Phosphodiesterase Fusion Protein and Potential Optogenetic Tool from the Choanoflagellate Salpingoeca rosetta. Biochemistry, 2017, 56, 5812-5822.	1.2	32
6	Structure and monomer/dimer equilibrium for the guanylyl cyclase domain of the optogenetics protein RhoGC. Journal of Biological Chemistry, 2017, 292, 21578-21589.	1.6	13
7	Crystal Structure of Recoverin with Calcium Ions Bound to Both Functional EF Hands. Biochemistry, 2015, 54, 7222-7228.	1.2	9
8	A Highly Conserved Cysteine of Neuronal Calcium-sensing Proteins Controls Cooperative Binding of Ca2+ to Recoverin. Journal of Biological Chemistry, 2013, 288, 36160-36167.	1.6	20
9	Enzymatic toxins from snake venom: structural characterization and mechanism of catalysis. FEBS Journal, 2011, 278, 4544-4576.	2.2	233
10	Mode of Binding of the Tuberculosis Prodrug Isoniazid to Heme Peroxidases. Journal of Biological Chemistry, 2010, 285, 1569-1576.	1.6	45
11	Specific interactions of C-terminal half (C-lobe) of lactoferrin protein with edible sugars: Binding and structural studies with implications on diabetes. International Journal of Biological Macromolecules, 2010, 47, 50-59.	3.6	11
12	Human group III PLA2 as a drug target: Structural analysis and inhibitor binding studies. International Journal of Biological Macromolecules, 2010, 47, 496-501.	3.6	14
13	Structure of the novel 14kDa fragment of Î±-subunit of phycoerythrin from the starving cyanobacterium Phormidium tenue. Journal of Structural Biology, 2010, 171, 247-255.	1.3	21
14	The Structural Basis for the Prevention of Nonsteroidal Antiinflammatory Drug-Induced Gastrointestinal Tract Damage by the C-Lobe of Bovine Colostrum Lactoferrin. Biophysical Journal, 2009, 97, 3178-3186.	0.2	32