

# Ramasamy P Kumar

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

517  
citations

932766

10  
h-index

1058022

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

907  
citing authors

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