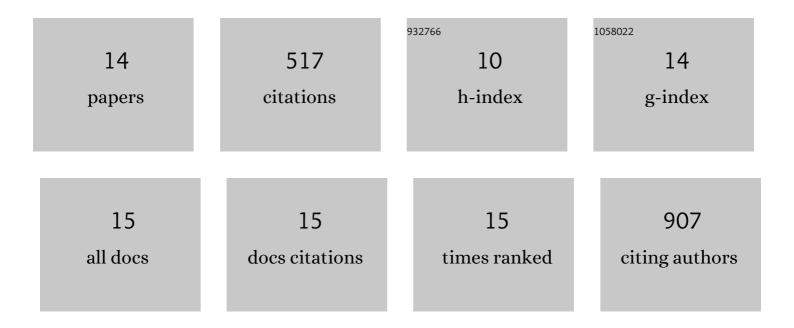
Ramasamy P Kumar

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Enzymatic toxins from snake venom: structural characterization and mechanism of catalysis. FEBS Journal, 2011, 278, 4544-4576. | 2.2 | 233 |
| 2 | Mode of Binding of the Tuberculosis Prodrug Isoniazid to Heme Peroxidases. Journal of Biological Chemistry, 2010, 285, 1569-1576. | 1.6 | 45 |
| 3 | Functional and Structural Characterization of a (+)-Limonene Synthase from <i>Citrus sinensis</i> . Biochemistry, 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. Biophysical Journal, 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> . Biochemistry, 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. Biochemistry, 2017, 56, 1716-1725. | 1.2 | 27 |
| 7 | Structure of the novel 14kDa fragment of $\hat{l}\pm$ -subunit of phycoerythrin from the starving cyanobacterium Phormidium tenue. Journal of Structural Biology, 2010, 171, 247-255. | 1.3 | 21 |
| 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 | 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 |
| 10 | 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 |
| 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 | Mechanism Underlying Anti-Markovnikov Addition in the Reaction of Pentalenene Synthase. Biochemistry, 2020, 59, 3271-3283. | 1.2 | 11 |
| 13 | Crystal Structure of Recoverin with Calcium Ions Bound to Both Functional EF Hands. Biochemistry, 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. ACS Chemical Biology, 2019, 14, 2035-2043. | 1.6 | 8 |