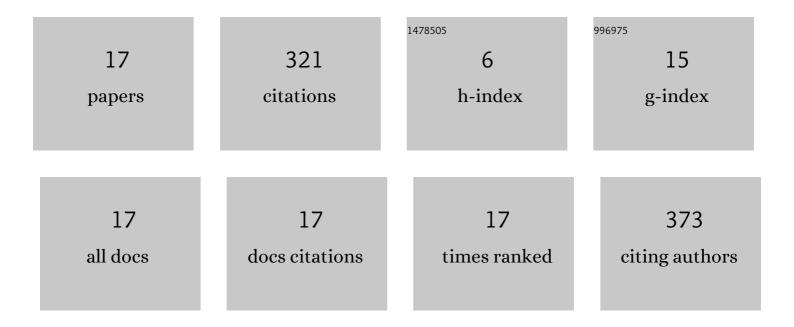
Mamannamana Vijayan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A novel mode of carbohydrate recognition in jacalin, a Moraceae plant lectin with a β-prism fold. Nature Structural Biology, 1996, 3, 596-603.	9.7	224
2	Structural biology of Mycobacterium tuberculosis proteins: The Indian efforts. Tuberculosis, 2011, 91, 456-468.	1.9	22
3	A Histidine Aspartate Ionic Lock Gates the Iron Passage in Miniferritins from Mycobacterium smegmatis. Journal of Biological Chemistry, 2014, 289, 11042-11058.	3.4	17
4	Structure, interactions and evolutionary implications of a domain-swapped lectin dimer from Mycobacterium smegmatis. Glycobiology, 2014, 24, 956-965.	2.5	10
5	Structural diversity and ligand specificity of lectins. The Bangalore effort. Pure and Applied Chemistry, 2014, 86, 1335-1355.	1.9	9
6	A Mutation Directs the Structural Switch of DNA Binding Proteins under Starvation to a Ferritin-like Protein Cage. Structure, 2017, 25, 1449-1454.e3.	3.3	7
7	Negative Cooperativity and High Affinity in Chitooligosaccharide Binding by a <i>Mycobacterium smegmatis</i> Protein Containing LysM and Lectin Domains. Biochemistry, 2016, 55, 49-61.	2.5	5
8	Distortion of the ligand molecule as a strategy for modulating binding affinity: Further studies involving complexes of jacalin with βâ€substituted disaccharides. IUBMB Life, 2017, 69, 72-78.	3.4	5
9	Crystallographic data deposition. Nature, 1996, 379, 202-202.	27.8	4
10	Structure, interactions and action of <i>Mycobacterium tuberculosis</i> 3-hydroxyisobutyric acid dehydrogenase. Biochemical Journal, 2018, 475, 2457-2471.	3.7	4
11	Effect of linkage on the location of reducing and nonreducing sugars bound to jacalin. IUBMB Life, 2016, 68, 971-979.	3.4	3
12	Ligand binding and retention in snake gourd seed lectin (SGSL). A crystallographic, thermodynamic and molecular dynamics study. Glycobiology, 2018, 28, 968-977.	2.5	3
13	Structural and related studies on Mevo lectin from Methanococcus voltae A3: the first thorough characterization of an archeal lectin and its interactions. Glycobiology, 2021, 31, 315-328.	2.5	3
14	Mevo lectin specificity toward high-mannose structures with terminal αMan(1,2)αMan residues and its implication to inhibition of the entry of Mycobacterium tuberculosis into macrophages. Glycobiology, 2021, 31, 1046-1059.	2.5	3
15	Structural studies on M. tuberculosis argininosuccinate lyase and its liganded complex: Insights into catalytic mechanism. IUBMB Life, 2019, 71, 643-652.	3.4	2
16	Letter to the Editor. Journal of Biomolecular Structure and Dynamics, 1996, 13, 583-583.	3.5	0
17	Corrigendum to: "Structural basis for the specificity of basic winged bean lectin for the Tn-antigen: A crystallographic, thermodynamic and modelling study―[FEBS Lett. 579 (2005) 6775-6780]. FEBS Letters, 2006, 580, 2808-2808.	2.8	0