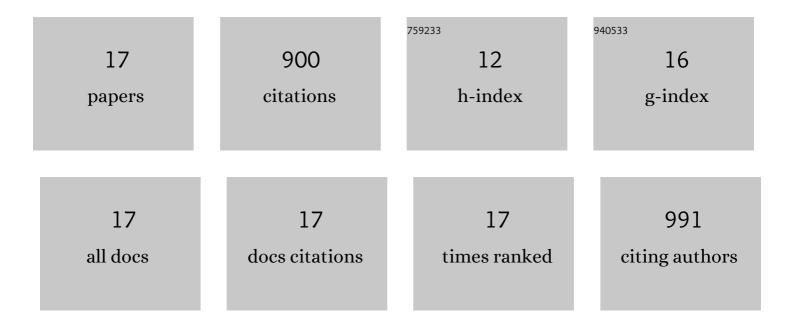
Krupakar Parthasarathy

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Structure and Inhibition of the SARS Coronavirus Envelope Protein Ion Channel. PLoS Pathogens, 2009, 5, e1000511.	4.7	216
2	Conductance and amantadine binding of a pore formed by a lysineâ€flanked transmembrane domain of SARS coronavirus envelope protein. Protein Science, 2007, 16, 2065-2071.	7.6	157
3	Model of a Putative Pore: The Pentameric α-Helical Bundle of SARS Coronavirus E Protein in Lipid Bilayers. Biophysical Journal, 2006, 91, 938-947.	0.5	96
4	The Transmembrane Oligomers of Coronavirus Protein E. Biophysical Journal, 2005, 88, 1283-1290.	0.5	81
5	Structural Flexibility of the Pentameric SARS Coronavirus Envelope Protein Ion Channel. Biophysical Journal, 2008, 95, L39-L41.	0.5	71
6	Pectin mediated gold nanoparticles induces apoptosis in mammary adenocarcinoma cell lines. International Journal of Biological Macromolecules, 2016, 93, 1030-1040.	7.5	60
7	Commercial Yeast Extracts Mediated Green Synthesis of Silver Chloride Nanoparticles and their Anti-mycobacterial Activity. Journal of Cluster Science, 2020, 31, 287-291.	3.3	46
8	Association of the components of the binary toxin from Bacillus sphaericus in solution and with model lipid bilayers. Biochemical and Biophysical Research Communications, 2006, 342, 1273-1278.	2.1	35
9	Expression and purification of coronavirus envelope proteins using a modified β-barrel construct. Protein Expression and Purification, 2012, 85, 133-141.	1.3	31
10	Understanding aggregation-based assays: nature of protein corona and number of epitopes on antigen matters. RSC Advances, 2015, 5, 14982-14993.	3.6	28
11	Discovery of a Novel Mycobacterial Fâ€ATP Synthase Inhibitor and its Potency in Combination with Diarylquinolines. Angewandte Chemie - International Edition, 2020, 59, 13295-13304.	13.8	28
12	Transmembrane helices that form two opposite homodimeric interactions: An asparagine scan study of αM and β2 integrins. Protein Science, 2008, 17, 930-938.	7.6	14
13	A Transmembrane Polar Interaction Is Involved in the Functional Regulation of Integrin αLβ2. Journal of Molecular Biology, 2010, 398, 569-583.	4.2	13
14	A conserved tetrameric interaction of cry toxin helix α3 suggests a functional role for toxin oligomerization. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 1777-1784.	2.6	11
15	Potential applications of lactic acid bacteria and bacteriocins in anti-mycobacterial therapy. Asian Pacific Journal of Tropical Medicine, 2018, 11, 453.	0.8	9
16	Discovery of a Novel Mycobacterial Fâ€ATP Synthase Inhibitor and its Potency in Combination with Diarylquinolines. Angewandte Chemie, 2020, 132, 13397-13406.	2.0	4
17	Optimized sequential purification protocol for in vivo site-specific biotinylated full-length dengue virus capsid protein. Protein Engineering, Design and Selection, 2013, 26, 377-387.	2.1	0