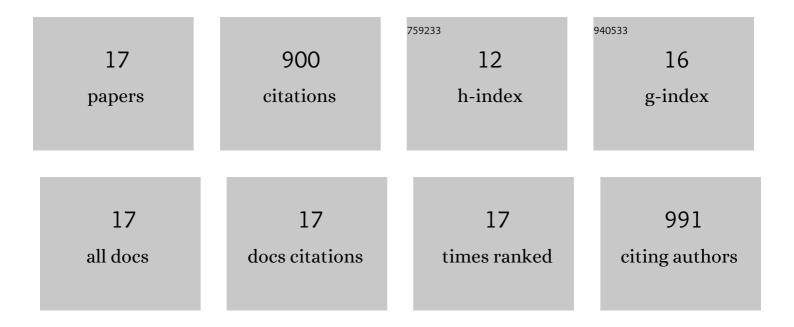
Krupakar Parthasarathy

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8065366/publications.pdf Version: 2024-02-01



| # | 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 |