Abhiram Dukkipati

List of Publications by Year
in descending order

11	834	932766 10	1281420 11
papers	citations	h-index	g-index

11	11	11	1363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural basis for chemokine recognition and activation of a viral G proteinâ€“coupled receptor. Science, 2015, 347, 1113-1117.	6.0	261
2	BacMam system for high-level expression of recombinant soluble and membrane glycoproteins for structural studies. Protein Expression and Purification, 2008, 62, 160-170.	0.6	120
3	Membrane Protein Structure Determination Using Crystallography and Lipidic Mesophases: Recent Advances and Successes. Biochemistry, 2012, 51, 6266-6288.	1.2	106
4	Structural Determinants of Natriuretic Peptide Receptor Specificity and Degeneracy. Journal of Molecular Biology, 2006, 361, 698-714.	2.0	62
5	Crystallizing Membrane Proteins in the Lipidic Mesophase. Experience with Human Prostaglandin E2 Synthase 1 and an Evolving Strategy. Crystal Growth and Design, 2014, 14, 2034-2047.	1.4	61
6	Regulation of Phototransduction in Short-Wavelength Cone Visual Pigments via the Retinylidene Schiff Base Counterion. Biochemistry, 2001, 40, 13760-13766.	1.2	52
7	The Photobleaching Sequence of a Short-Wavelength Visual Pigmentâ€. Biochemistry, 2001, 40, 7832-7844.	1.2	49
8	Vertebrate ultraviolet visual pigments: Protonation of the retinylidene Schiff base and a counterion switch during photoactivation. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 941-946.	3.3	49
9	Phototransduction by Vertebrate Ultraviolet Visual Pigments:Â Protonation of the Retinylidene Schiff Base following Photobleachingâ€. Biochemistry, 2002, 41, 9842-9851.	1.2	45
10	Serine 85 in Transmembrane Helix 2 of Short-Wavelength Visual Pigments Interacts with the Retinylidene Schiff Base Counterion. Biochemistry, 2001, 40, 15098-15108.	1.2	19
11	In vitro reconstitution and preparative purification of complexes between the chemokine receptor CXCR4 and its ligands SDF-1Î±, gp120â€“CD4 and AMD3100. Protein Expression and Purification, 2006, 50, 203-214.	0.6	10