

Abhiram Dukkipati

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

834
citations

932766

10
h-index

1281420

11
g-index

11
all docs

11
docs citations

11
times ranked

1363
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Structural basis for chemokine recognition and activation of a viral G protein-coupled receptor. <i>Science</i> , 2015, 347, 1113-1117. | 6.0 | 261 |
| 2 | Crystallizing Membrane Proteins in the Lipidic Mesophase. Experience with Human Prostaglandin E2 Synthase 1 and an Evolving Strategy. <i>Crystal Growth and Design</i> , 2014, 14, 2034-2047. | 1.4 | 61 |
| 3 | Membrane Protein Structure Determination Using Crystallography and Lipidic Mesophases: Recent Advances and Successes. <i>Biochemistry</i> , 2012, 51, 6266-6288. | 1.2 | 106 |
| 4 | BacMam system for high-level expression of recombinant soluble and membrane glycoproteins for structural studies. <i>Protein Expression and Purification</i> , 2008, 62, 160-170. | 0.6 | 120 |
| 5 | Structural Determinants of Natriuretic Peptide Receptor Specificity and Degeneracy. <i>Journal of Molecular Biology</i> , 2006, 361, 698-714. | 2.0 | 62 |
| 6 | In vitro reconstitution and preparative purification of complexes between the chemokine receptor CXCR4 and its ligands SDF-1 α , gp120 α CD4 and AMD3100. <i>Protein Expression and Purification</i> , 2006, 50, 203-214. | 0.6 | 10 |
| 7 | Vertebrate ultraviolet visual pigments: Protonation of the retinylidene Schiff base and a counterion switch during photoactivation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 941-946. | 3.3 | 49 |
| 8 | Phototransduction by Vertebrate Ultraviolet Visual Pigments: Protonation of the Retinylidene Schiff Base following Photobleaching. <i>Biochemistry</i> , 2002, 41, 9842-9851. | 1.2 | 45 |
| 9 | The Photobleaching Sequence of a Short-Wavelength Visual Pigment. <i>Biochemistry</i> , 2001, 40, 7832-7844. | 1.2 | 49 |
| 10 | Regulation of Phototransduction in Short-Wavelength Cone Visual Pigments via the Retinylidene Schiff Base Counterion. <i>Biochemistry</i> , 2001, 40, 13760-13766. | 1.2 | 52 |
| 11 | Serine 85 in Transmembrane Helix 2 of Short-Wavelength Visual Pigments Interacts with the Retinylidene Schiff Base Counterion. <i>Biochemistry</i> , 2001, 40, 15098-15108. | 1.2 | 19 |