

Smriti Mishra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5633417/publications.pdf>

Version: 2024-02-01

19
papers

1,111
citations

567281

15
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1365
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Asymmetric drug binding in an ATP-loaded inward-facing state of an ABC transporter. <i>Nature Chemical Biology</i> , 2022, 18, 226-235. | 8.0 | 15 |
| 2 | The Multidrug Transporter MdfA Deviates from the Canonical Model of Alternating Access of MFS Transporters. <i>Journal of Molecular Biology</i> , 2020, 432, 5665-5680. | 4.2 | 16 |
| 3 | Probing the solution structure of the <i>E. coli</i> multidrug transporter MdfA using DEER distance measurements with nitroxide and Gd(III) spin labels. <i>Scientific Reports</i> , 2019, 9, 12528. | 3.3 | 23 |
| 4 | Mechanism of allosteric modulation of P-glycoprotein by transport substrates and inhibitors. <i>Science</i> , 2019, 364, 689-692. | 12.6 | 109 |
| 5 | Allosteric Modulation of ATP Hydrolysis of the Mouse P-Glycoprotein by Substrates and Inhibitors. <i>Biophysical Journal</i> , 2019, 116, 170a. | 0.5 | 0 |
| 6 | Direct Spectroscopic Detection of ATP Turnover Reveals Mechanistic Divergence of ABC Exporters. <i>Structure</i> , 2017, 25, 1264-1274.e3. | 3.3 | 34 |
| 7 | Lipids modulate the conformational dynamics of a secondary multidrug transporter. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 744-751. | 8.2 | 111 |
| 8 | Structural Dynamics of the Small Multidrug Transporter EMRE. <i>Biophysical Journal</i> , 2016, 110, 135a. | 0.5 | 0 |
| 9 | Protonation-dependent conformational dynamics of the multidrug transporter EmrE. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1220-1225. | 7.1 | 56 |
| 10 | Unfolding of a Temperature-Sensitive Domain Controls Voltage-Gated Channel Activation. <i>Cell</i> , 2016, 164, 922-936. | 28.9 | 65 |
| 11 | Navigating Membrane Protein Structure, Dynamics, and Energy Landscapes Using Spin Labeling and EPR Spectroscopy. <i>Methods in Enzymology</i> , 2015, 564, 349-387. | 1.0 | 46 |
| 12 | Protonation drives the conformational switch in the multidrug transporter LmrP. <i>Nature Chemical Biology</i> , 2014, 10, 149-155. | 8.0 | 68 |
| 13 | Conformational dynamics of the nucleotide binding domains and the power stroke of a heterodimeric ABC transporter. <i>ELife</i> , 2014, 3, e02740. | 6.0 | 114 |
| 14 | Na ⁺ Substrate Coupling in the Multidrug Antiporter NorM Probed with a Spin-Labeled Substrate. <i>Biochemistry</i> , 2013, 52, 5790-5799. | 2.5 | 24 |
| 15 | Mapping Daunorubicin-binding Sites in the ATP-binding Cassette Transporter MsbA Using Site-specific Quenching by Spin Labels. <i>Journal of Biological Chemistry</i> , 2009, 284, 13904-13913. | 3.4 | 36 |
| 16 | Functional Characterization of <i>Candida albicans</i> ABC Transporter Cdr1p. <i>Eukaryotic Cell</i> , 2003, 2, 1361-1375. | 3.4 | 136 |
| 17 | Drug resistance in yeasts – an emerging scenario. <i>Advances in Microbial Physiology</i> , 2002, 46, 155-201. | 2.4 | 54 |
| 18 | In Vitro Resistance of <i>Staphylococcus aureus</i> to Thrombin-Induced Platelet Microbicidal Protein Is Associated with Alterations in Cytoplasmic Membrane Fluidity. <i>Infection and Immunity</i> , 2000, 68, 3548-3553. | 2.2 | 138 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Asymmetric distribution of phosphatidylethanolamine in <i>C. albicans</i> : possible mediation by CDR1, a multidrug transporter belonging to ATP binding cassette (ABC) superfamily. <i>Yeast</i> , 1999, 15, 111-121. | 1.7 | 66 |