

Madhu Sudhan Ravindran

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

425
citations

933447

10
h-index

1125743

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g-index

14
all docs

14
docs citations

14
times ranked

643
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Opportunistic intruders: how viruses orchestrate ER functions to infect cells. <i>Nature Reviews Microbiology</i> , 2016, 14, 407-420. | 28.6 | 91 |
| 2 | A Cytosolic Chaperone Complexes with Dynamic Membrane J-Proteins and Mobilizes a Nonenveloped Virus out of the Endoplasmic Reticulum. <i>PLoS Pathogens</i> , 2014, 10, e1004007. | 4.7 | 72 |
| 3 | Targeting Lipid Esterases in Mycobacteria Grown Under Different Physiological Conditions Using Activity-based Profiling with Tetrahydrolipstatin (THL). <i>Molecular and Cellular Proteomics</i> , 2014, 13, 435-448. | 3.8 | 54 |
| 4 | A Non-enveloped Virus Hijacks Host Disaggregation Machinery to Translocate across the Endoplasmic Reticulum Membrane. <i>PLoS Pathogens</i> , 2015, 11, e1005086. | 4.7 | 45 |
| 5 | ERdj5 Reductase Cooperates with Protein Disulfide Isomerase To Promote Simian Virus 40 Endoplasmic Reticulum Membrane Translocation. <i>Journal of Virology</i> , 2015, 89, 8897-8908. | 3.4 | 40 |
| 6 | Sialic Acid Linkage in Glycosphingolipids Is a Molecular Correlate for Trafficking and Delivery of Extracellular Cargo. <i>Traffic</i> , 2013, 14, 1182-1191. | 2.7 | 33 |
| 7 | Exploiting the kinesin-1 molecular motor to generate a virus membrane penetration site. <i>Nature Communications</i> , 2017, 8, 15496. | 12.8 | 31 |
| 8 | Retrobiosynthetic Approach Delineates the Biosynthetic Pathway and the Structure of the Acyl Chain of Mycobacterial Glycopeptidolipids*. <i>Journal of Biological Chemistry</i> , 2012, 287, 30677-30687. | 3.4 | 17 |
| 9 | Dynein Engages and Disassembles Cytosol-Localized Simian Virus 40 To Promote Infection. <i>Journal of Virology</i> , 2018, 92, . | 3.4 | 14 |
| 10 | A bacterial toxin and a nonenveloped virus hijack ER-to-cytosol membrane translocation pathways to cause disease. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2015, 50, 477-488. | 5.2 | 12 |
| 11 | Viruses Utilize Cellular Cues in Distinct Combination to Undergo Systematic Priming and Uncoating. <i>PLoS Pathogens</i> , 2016, 12, e1005467. | 4.7 | 8 |
| 12 | Molecular chaperones: from proteostasis to pathogenesis. <i>FEBS Journal</i> , 2018, 285, 3353-3361. | 4.7 | 6 |
| 13 | Activity-Based Lipid Esterase Profiling of <i>M. bovis</i> BCG at Different Metabolic States Using Tetrahydrolipstatin (THL) as Bait. <i>Methods in Molecular Biology</i> , 2017, 1491, 75-85. | 0.9 | 2 |