

Ramasubramanian Sundaramoorthy

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,232
citations

759233

12
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

2177
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Mechanisms and Functions of ATP-Dependent Chromatin-Remodeling Enzymes. <i>Cell</i> , 2013, 154, 490-503. | 28.9 | 522 |
| 2 | Activity-based E3 ligase profiling uncovers an E3 ligase with esterification activity. <i>Nature</i> , 2018, 556, 381-385. | 27.8 | 178 |
| 3 | The DNA-binding domain of the Chd1 chromatin-remodelling enzyme contains SANT and SLIDE domains. <i>EMBO Journal</i> , 2011, 30, 2596-2609. | 7.8 | 104 |
| 4 | Parkin ¹ phosphoubiquitin complex reveals cryptic ubiquitin-binding site required for RBR ligase activity. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 475-483. | 8.2 | 73 |
| 5 | Structure of the chromatin remodelling enzyme Chd1 bound to a ubiquitylated nucleosome. <i>ELife</i> , 2018, 7, . | 6.0 | 72 |
| 6 | Structure of <i>Staphylococcus aureus</i> EsxA Suggests a Contribution to Virulence by Action as a Transport Chaperone and/or Adaptor Protein. <i>Journal of Molecular Biology</i> , 2008, 383, 603-614. | 4.2 | 70 |
| 7 | Structural reorganization of the chromatin remodeling enzyme Chd1 upon engagement with nucleosomes. <i>ELife</i> , 2017, 6, . | 6.0 | 51 |
| 8 | Efficient analysis of mammalian polysomes in cells and tissues using Ribo Mega-SEC. <i>ELife</i> , 2018, 7, . | 6.0 | 40 |
| 9 | The histone chaperone Vps75 forms multiple oligomeric assemblies capable of mediating exchange between histone H3 ² H4 tetramers and Asf1 ¹ H3 ² H4 complexes. <i>Nucleic Acids Research</i> , 2016, 44, 6157-6172. | 14.5 | 30 |
| 10 | Crystal structures of a bacterial 6-phosphogluconate dehydrogenase reveal aspects of specificity, mechanism and mode of inhibition by analogues of high-energy reaction intermediates. <i>FEBS Journal</i> , 2007, 274, 275-286. | 4.7 | 25 |
| 11 | Acute depletion of the ARID1A subunit of SWI/SNF complexes reveals distinct pathways for activation and repression of transcription. <i>Cell Reports</i> , 2021, 37, 109943. | 6.4 | 23 |
| 12 | The Crystal Structure of a Plant 3-Ketoacyl-CoA Thiolase Reveals the Potential for Redox Control of Peroxisomal Fatty Acid β -Oxidation. <i>Journal of Molecular Biology</i> , 2006, 359, 347-357. | 4.2 | 22 |
| 13 | Nucleosome remodelling: structural insights into ATP-dependent remodelling enzymes. <i>Essays in Biochemistry</i> , 2019, 63, 45-58. | 4.7 | 10 |
| 14 | The Ndc80 complex targets Bod1 to human mitotic kinetochores. <i>Open Biology</i> , 2017, 7, 170099. | 3.6 | 8 |
| 15 | Efficient and Rapid Analysis of Polysomes and Ribosomal Subunits in Cells and Tissues Using Ribo Mega-SEC. <i>Bio-protocol</i> , 2021, 11, e4106. | 0.4 | 3 |