

Jayanth V Chodaparambil

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,283
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1763
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The Nucleosomal Surface as a Docking Station for Kaposi's Sarcoma Herpesvirus LANA. <i>Science</i> , 2006, 311, 856-861. | 12.6 | 469 |
| 2 | The effect of H3K79 dimethylation and H4K20 trimethylation on nucleosome and chromatin structure. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 1122-1124. | 8.2 | 210 |
| 3 | Nucleosome Assembly Protein 1 Exchanges Histone H2A-H2B Dimers and Assists Nucleosome Sliding*. <i>Journal of Biological Chemistry</i> , 2005, 280, 1817-1825. | 3.4 | 159 |
| 4 | A charged and contoured surface on the nucleosome regulates chromatin compaction. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 1105-1107. | 8.2 | 99 |
| 5 | Molecular functions of the TLE tetramerization domain in Wnt target gene repression. <i>EMBO Journal</i> , 2014, 33, 719-731. | 7.8 | 77 |
| 6 | Structure and dynamic properties of nucleosome core particles. <i>FEBS Letters</i> , 2005, 579, 895-898. | 2.8 | 68 |
| 7 | Kaposi's Sarcoma-Associated Herpesvirus LANA Hitches a Ride on the Chromosome. <i>Cell Cycle</i> , 2006, 5, 1048-1052. | 2.6 | 58 |
| 8 | Structural determinant for inducing ROR γ specific inverse agonism triggered by a synthetic benzoxazinone ligand. <i>BMC Structural Biology</i> , 2016, 16, 7. | 2.3 | 27 |
| 9 | Human PLD structures enable drug design and characterization of isoenzyme selectivity. <i>Nature Chemical Biology</i> , 2020, 16, 391-399. | 8.0 | 27 |
| 10 | Analysis of a vinculin homolog in a sponge (phylum Porifera) reveals that vertebrate-like cell adhesions emerged early in animal evolution. <i>Journal of Biological Chemistry</i> , 2018, 293, 11674-11686. | 3.4 | 25 |
| 11 | The Transcription Factor Spn1 Regulates Gene Expression via a Highly Conserved Novel Structural Motif. <i>Journal of Molecular Biology</i> , 2010, 404, 1-15. | 4.2 | 22 |
| 12 | Discovery of Potent and Brain-Penetrant Tau Tubulin Kinase 1 (TTBK1) Inhibitors that Lower Tau Phosphorylation In Vivo. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6358-6380. | 6.4 | 18 |
| 13 | Reactive Oxygen Species Regulate Nucleostemin Oligomerization and Protein Degradation. <i>Journal of Biological Chemistry</i> , 2011, 286, 11035-11046. | 3.4 | 14 |
| 14 | Discovery of Phospholipase D Inhibitors with Improved Drug-like Properties and Central Nervous System Penetration. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 665-673. | 2.8 | 6 |
| 15 | Discovery of Potent Selective Nonzinc Binding Autotaxin Inhibitor BIO-32546. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1124-1129. | 2.8 | 4 |