

Sarath Chandra Dantu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8148028/publications.pdf>

Version: 2024-02-01

10
papers

137
citations

1684188

5
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

202
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Dynamic Profiling of Î²-Coronavirus 3CL M ^{pro} Protease Ligand-Binding Sites. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 3058-3073. | 5.4 | 35 |
| 2 | Structure-based enzyme engineering improves donor-substrate recognition of <i>Arabidopsis thaliana</i> glycosyltransferases. <i>Biochemical Journal</i> , 2020, 477, 2791-2805. | 3.7 | 29 |
| 3 | Myricetin protects pancreatic Î²-cells from human islet amyloid polypeptide (hIAPP) induced cytotoxicity and restores islet function. <i>Biological Chemistry</i> , 2021, 402, 179-194. | 2.5 | 22 |
| 4 | Molecular dynamics simulations elucidate the mode of protein recognition by Skp1 and the F-box domain in the SCF complex. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 159-171. | 2.6 | 15 |
| 5 | Mutation of Arg191 in FtsZ Impairs Cytokinetic Abscission of <i>Bacillus subtilis</i> Cells. <i>Biochemistry</i> , 2016, 55, 5754-5763. | 2.5 | 7 |
| 6 | Backbone and side chain assignments of human cell cycle regulatory protein S-phase kinase-associated protein 1. <i>Biomolecular NMR Assignments</i> , 2016, 10, 351-355. | 0.8 | 6 |
| 7 | Conformational dynamics of Peb4 exhibit a "mother's arms" chain model: a molecular dynamics study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 2186-2196. | 3.5 | 6 |
| 8 | Structural insights into dynamics of RecU-HJ complex formation elucidates key role of NTR and stalk region toward formation of reactive state. <i>Nucleic Acids Research</i> , 2017, 45, 975-986. | 14.5 | 5 |
| 9 | Conformational flexibility of histone variant CENP-ACse4 is regulated by histone H4: A mechanism to stabilize soluble Cse4. <i>Journal of Biological Chemistry</i> , 2018, 293, 20273-20284. | 3.4 | 4 |
| 10 | A trade-off for covalent and intercalation binding modes: a case study for Copper (II) ions and singly modified DNA nucleoside. <i>Scientific Reports</i> , 2019, 9, 12602. | 3.3 | 2 |