

# 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

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h-index

1372567

10  
g-index

13  
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13  
docs citations

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times ranked

202  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Dynamic Profiling of Î²-Coronavirus 3CL M <sup>pro</sup> Protease Ligand-Binding Sites. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 3058-3073.	5.4	35
3	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
4	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
5	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
6	Conformational dynamics of Peb4 exhibit a "arms-chain" model: a molecular dynamics study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 2186-2196.	3.5	6
7	Structural insights into dynamics of RecU <sup>HJ</sup> 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
8	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
9	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
10	Mutation of Arg191 in FtsZ Impairs Cytokinetic Abscission of <i>Bacillus subtilis</i> Cells. <i>Biochemistry</i> , 2016, 55, 5754-5763.	2.5	7