

Balaji Nagarajan

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Aqueous Molecular for Understanding Glycosaminoglycan Recognition by. <i>Methods in Molecular Biology</i> , 2022, 2303, 49-62.	0.9	0
2	In-Depth Molecular Dynamics Study of All Possible Chondroitin Sulfate Disaccharides Reveals Key Insight into Structural Heterogeneity and Dynamism. <i>Biomolecules</i> , 2022, 12, 77.	4.0	6
3	Molecular dynamics simulations to understand glycosaminoglycan interactions in the free- and protein-bound states. <i>Current Opinion in Structural Biology</i> , 2022, 74, 102356.	5.7	23
4	3-O-Sulfation induces sequence-specific compact topologies in heparan sulfate that encode a dynamic sulfation code. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 3884-3898.	4.1	6
5	Combinatorial Virtual Library Screening Study of Transforming Growth Factor- β 2â€™Chondroitin Sulfate System. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7542.	4.1	9
6	Rigorous analysis of free solution glycosaminoglycan dynamics using simple, new tools. <i>Glycobiology</i> , 2020, 30, 516-527.	2.5	10
7	Perspective on computational simulations of glycosaminoglycans. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2019, 9, e1388.	14.6	21
8	So you think computational approaches to understanding glycosaminoglycanâ€™protein interactions are too dry and too rigid? Think again!. <i>Current Opinion in Structural Biology</i> , 2018, 50, 91-100.	5.7	68
9	Structural basis, stoichiometry, and thermodynamics of binding of the chemokines KC and MIP2 to the glycosaminoglycan heparin. <i>Journal of Biological Chemistry</i> , 2018, 293, 17817-17828.	3.4	26
10	Mucoadhesive role of tamarind xyloglucan on inflammation attenuates ulcerative colitis. <i>Journal of Functional Foods</i> , 2018, 47, 1-10.	3.4	30
11	Computational Study of Glycosaminoglycan Specificity for Growth Factor and Chemokine Family Members. <i>FASEB Journal</i> , 2018, 32, 544.13.	0.5	0
12	Solution structure of CXCL13 and heparan sulfate binding show that GAG binding site and cellular signalling rely on distinct domains. <i>Open Biology</i> , 2017, 7, 170133.	3.6	33
13	A molecular dynamics-based algorithm for evaluating the glycosaminoglycan mimicking potential of synthetic, homogenous, sulfated small molecules. <i>PLoS ONE</i> , 2017, 12, e0171619.	2.5	22
14	Molecular Basis of Chemokine CXCL5-Glycosaminoglycan Interactions. <i>Journal of Biological Chemistry</i> , 2016, 291, 20539-20550.	3.4	47