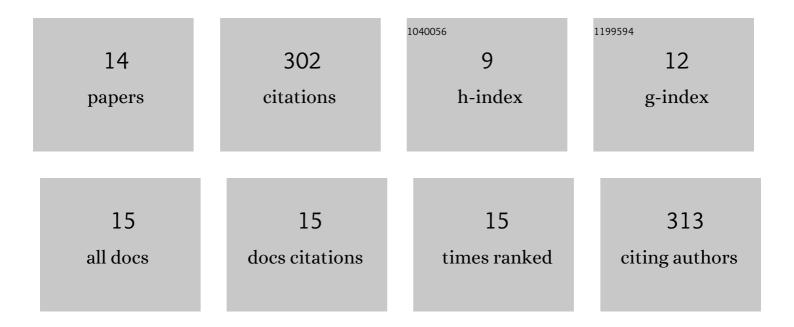
Balaji Nagarajan

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | So you think computational approaches to understanding glycosaminoglycan–protein interactions are too dry and too rigid? Think again!. Current Opinion in Structural Biology, 2018, 50, 91-100. | 5.7 | 68 |
| 2 | Molecular Basis of Chemokine CXCL5-Glycosaminoglycan Interactions. Journal of Biological Chemistry, 2016, 291, 20539-20550. | 3.4 | 47 |
| 3 | Solution structure of CXCL13 and heparan sulfate binding show that GAG binding site and cellular signalling rely on distinct domains. Open Biology, 2017, 7, 170133. | 3.6 | 33 |
| 4 | Mucoadhesive role of tamarind xyloglucan on inflammation attenuates ulcerative colitis. Journal of Functional Foods, 2018, 47, 1-10. | 3.4 | 30 |
| 5 | Structural basis, stoichiometry, and thermodynamics of binding of the chemokines KC and MIP2 to the glycosaminoglycan heparin. Journal of Biological Chemistry, 2018, 293, 17817-17828. | 3.4 | 26 |
| 6 | Molecular dynamics simulations to understand glycosaminoglycan interactions in the free- and protein-bound states. Current Opinion in Structural Biology, 2022, 74, 102356. | 5.7 | 23 |
| 7 | A molecular dynamics-based algorithm for evaluating the glycosaminoglycan mimicking potential of synthetic, homogenous, sulfated small molecules. PLoS ONE, 2017, 12, e0171619. | 2.5 | 22 |
| 8 | Perspective on computational simulations of glycosaminoglycans. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2019, 9, e1388. | 14.6 | 21 |
| 9 | Rigorous analysis of free solution glycosaminoglycan dynamics using simple, new tools. Clycobiology, 2020, 30, 516-527. | 2.5 | 10 |
| 10 | Combinatorial Virtual Library Screening Study of Transforming Growth Factor-β2–Chondroitin Sulfate System. International Journal of Molecular Sciences, 2021, 22, 7542. | 4.1 | 9 |
| 11 | In-Depth Molecular Dynamics Study of All Possible Chondroitin Sulfate Disaccharides Reveals Key Insight into Structural Heterogeneity and Dynamism. Biomolecules, 2022, 12, 77. | 4.0 | 6 |
| 12 | 3-O-Sulfation induces sequence-specific compact topologies in heparan sulfate that encode a dynamic sulfation code. Computational and Structural Biotechnology Journal, 2022, 20, 3884-3898. | 4.1 | 6 |
| 13 | Aqueous Molecular for Understanding Glycosaminoglycan Recognition by. Methods in Molecular Biology, 2022, 2303, 49-62. | 0.9 | 0 |
| 14 | Computational Study of Glycosaminoglycan Specificity for Growth Factor and Chemokine Family Members. FASEB Journal, 2018, 32, 544.13. | 0.5 | 0 |