

Aravinda Munasinghe

List of Publications by Year in descending order

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9
papers

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citations

1307594

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1474206

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all docs

9
docs citations

9
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Transforming protein-polymer conjugate purification by tuning protein solubility. Nature Communications, 2019, 10, 4718.	12.8	40
2	Molecular Insight into the Protein-Polymer Interactions in N-Terminal PEGylated Bovine Serum Albumin. Journal of Physical Chemistry B, 2019, 123, 5196-5205.	2.6	37
3	Intramolecular Interactions of Conjugated Polymers Mimic Molecular Chaperones to Stabilize Protein-Polymer Conjugates. Biomacromolecules, 2018, 19, 3798-3813.	5.4	36
4	Structure-function-dynamics of $\hat{I}\pm$ -chymotrypsin based conjugates as a function of polymer charge. Soft Matter, 2020, 16, 456-465.	2.7	20
5	Molecular Dynamics-Guided Design of a Functional Protein-ATRP Conjugate That Eliminates Protein-Protein Interactions. Bioconjugate Chemistry, 2021, 32, 821-832.	3.6	13
6	Unraveling Binding Interactions between Human RANKL and Its Decoy Receptor Osteoprotegerin. Journal of Physical Chemistry B, 2017, 121, 9141-9148.	2.6	12
7	PEGylation within a confined hydrophobic cavity of a protein. Physical Chemistry Chemical Physics, 2019, 21, 25584-25596.	2.8	12
8	An Insight into Structural and Mechanical Properties of Ideal-Networked Poly(Ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (Physics, 2020, 221, 1900326.	2.2	7
9	Atomistic insight towards the impact of polymer architecture and grafting density on structure-dynamics of PEGylated bovine serum albumin and their applications. Journal of Chemical Physics, 2021, 154, 075101.	3.0	6