

# Aravinda Munasinghe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9116426/publications.pdf>

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9  
papers

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citations

1307594

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1474206

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docs citations

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times ranked

192  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Molecular Dynamics-Guided Design of a Functional Proteinâ€“ATRP Conjugate That Eliminates Proteinâ€“Protein Interactions. Bioconjugate Chemistry, 2021, 32, 821-832.	3.6	13
3	An Insight into Structural and Mechanical Properties of Idealâ€“Networked Poly(Ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Physics, 2020, 221, 1900326.	2.2	7
4	Structureâ€“functionâ€“dynamics of Î±-chymotrypsin based conjugates as a function of polymer charge. Soft Matter, 2020, 16, 456-465.	2.7	20
5	Transforming protein-polymer conjugate purification by tuning protein solubility. Nature Communications, 2019, 10, 4718.	12.8	40
6	Molecular Insight into the Proteinâ€“Polymer Interactions in N-Terminal PEGylated Bovine Serum Albumin. Journal of Physical Chemistry B, 2019, 123, 5196-5205.	2.6	37
7	PEGylation within a confined hydrophobic cavity of a protein. Physical Chemistry Chemical Physics, 2019, 21, 25584-25596.	2.8	12
8	Intramolecular Interactions of Conjugated Polymers Mimic Molecular Chaperones to Stabilize Proteinâ€“Polymer Conjugates. Biomacromolecules, 2018, 19, 3798-3813.	5.4	36
9	Unraveling Binding Interactions between Human RANKL and Its Decoy Receptor Osteoprotegerin. Journal of Physical Chemistry B, 2017, 121, 9141-9148.	2.6	12