

Udaya Dahal

List of Publications by Year in descending order

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6
papers

95
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Dynamics Simulation of Interaction between Functionalized Nanoparticles with Lipid Membranes: Analysis of Coarse-Grained Models. <i>Journal of Physical Chemistry B</i> , 2019, 123, 10547-10561.	2.6	26
2	Hydration of Spherical PEO-Grafted Gold Nanoparticles: Curvature and Grafting Density Effect. <i>Macromolecules</i> , 2018, 51, 5950-5961.	4.8	25
3	Chain Conformation and Hydration of Polyethylene Oxide Grafted to Gold Nanoparticles: Curvature and Chain Length Effect. <i>Macromolecules</i> , 2020, 53, 8160-8170.	4.8	16
4	Interfacial water and ion distribution determine ζ potential and binding affinity of nanoparticles to biomolecules. <i>Nanoscale</i> , 2020, 12, 18106-18123.	5.6	14
5	Ligand Length and Surface Curvature Modulate Nanoparticle Surface Heterogeneity and Electrostatics. <i>Journal of Physical Chemistry C</i> , 2020, 124, 24513-24525.	3.1	8
6	Influence of Surface Ligand Molecular Structure on Phospholipid Membrane Disruption by Cationic Nanoparticles. <i>Langmuir</i> , 2021, 37, 7600-7610.	3.5	6