

Sousa Javan Nikkhah

List of Publications by Year in descending order

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25
papers

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840776

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Design Rules for Antibody Delivery by Self-Assembled Block-Copolyelectrolyte Nanocapsules. <i>Macromolecules</i> , 2022, 55, 2383-2397.	4.8	3
2	Modeling Polyzwitterion-Based Drug Delivery Platforms: A Perspective of the Current State-of-the-Art and Beyond. <i>ACS Engineering Au</i> , 2022, 2, 274-294.	5.1	12
3	Molecular Modelling Guided Modulation of Molecular Shape and Charge for Design of Smart Self-Assembled Polymeric Drug Transporters. <i>Pharmaceutics</i> , 2021, 13, 141.	4.5	8
4	Self-assembly in soft matter with multiple length scales. <i>Physical Review Research</i> , 2021, 3, .	3.6	7
5	Multicore Assemblies from Three-Component Linear Homo-Copolymer Systems: A Coarse-Grained Modeling Study. <i>Polymers</i> , 2021, 13, 2193.	4.5	13
6	Dissipative particle dynamics simulations of H-shaped diblock copolymer self-assembly in solvent. <i>Polymer</i> , 2021, 233, 124198.	3.8	14
7	A new insight into encapsulation process of a drug molecule in the polymer/surfactant system: a molecular simulation study. <i>Structural Chemistry</i> , 2020, 31, 2051-2062.	2.0	1
8	Molecular dynamics simulation of polystyrene copolymer with octyl short-chain branches in toluene. <i>Journal of Molecular Modeling</i> , 2020, 26, 80.	1.8	2
9	Effect of particle surface corrugation on colloidal interactions. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 794-804.	9.4	8
10	Dual responsive PMEEECL-PAE block copolymers: a computational self-assembly and doxorubicin uptake study. <i>RSC Advances</i> , 2020, 10, 3233-3245.	3.6	6
11	Molecular Dynamics (MD) Simulation of Zwitterion-Functionalized PMMA with Hydrophilic and Antifouling Surface Characteristics. <i>Macromolecular Research</i> , 2019, 27, 1200-1209.	2.4	6
12	Effect of $\hat{1}^3$ -substituted poly(\hat{E} -caprolactone) chain length on its coil-to-globule transition temperature in water: A molecular dynamics simulation study. <i>Chemical Physics</i> , 2019, 527, 110506.	1.9	1
13	A deep insight into the polystyrene chain in cyclohexane at theta temperature: molecular dynamics simulation and quantum chemical calculations. <i>Journal of Molecular Modeling</i> , 2019, 25, 195.	1.8	5
14	A quantitative correlation between polyethylene/graphene interfacial viscoelastic dissipation and deformation parameters: A molecular simulation study. <i>International Journal of Adhesion and Adhesives</i> , 2018, 84, 54-62.	2.9	5
15	A comprehensive molecular dynamics study of a single polystyrene chain in a good solvent. <i>Current Applied Physics</i> , 2018, 18, 68-78.	2.4	10
16	Coil-to-globule transition of thermo-responsive $\hat{1}^3$ -substituted poly (\hat{E} -caprolactone) in water: A molecular dynamics simulation study. <i>Current Applied Physics</i> , 2018, 18, 1313-1319.	2.4	11
17	Dynamic Study of Deformation and Adhesion of an Amorphous Polyethylene/Graphene Interface: A Simulation Study. <i>Macromolecular Theory and Simulations</i> , 2016, 25, 533-549.	1.4	18
18	Molecular dynamics simulation study of boron-nitride nanotubes as a drug carrier: from encapsulation to releasing. <i>RSC Advances</i> , 2016, 6, 9344-9351.	3.6	47

#	ARTICLE	IF	CITATIONS
19	The compatibility of Tacrine molecule with poly(n-butylcyanoacrylate) and Chitosan as efficient carriers for drug delivery: A molecular dynamics study. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 82, 79-85.	4.0	40
20	Investigation of the interface between polyethylene and functionalized graphene: A computer simulation study. <i>Current Applied Physics</i> , 2015, 15, 1188-1199.	2.4	54
21	Interfacial adhesion between functionalized polyethylene surface and graphene via molecular dynamic simulation. <i>Journal of Molecular Modeling</i> , 2015, 21, 121.	1.8	15
22	A molecular simulation study on the adhesion behavior of a functionalized polyethylene-functionalized graphene interface. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 27414-27427.	2.8	29
23	Self-Cross-linking Acrylate Copolymer/Organoclay Nanocomposite Emulsion Coating: Nanoindentation and Nanoscratch Behavior. <i>Polymer-Plastics Technology and Engineering</i> , 2014, 53, 268-277.	1.9	5
24	Investigation of in situ prepared polypropylene/clay nanocomposites properties and comparing to melt blending method. <i>Materials & Design</i> , 2010, 31, 76-84.	5.1	101
25	Investigation of properties of polyethylene/clay nanocomposites prepared by new in situ Ziegler-Natta catalyst. <i>Materials & Design</i> , 2009, 30, 2309-2315.	5.1	54