

Hossein Adelnia

List of Publications by Year in descending order

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30
papers

1,051
citations

394421

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454955

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docs citations

31
times ranked

1146
citing authors

#	ARTICLE	IF	CITATIONS
1	Freeze/thawed polyvinyl alcohol hydrogels: Present, past and future. <i>European Polymer Journal</i> , 2022, 164, 110974.	5.4	134
2	Intumescent flame retardant polyurethane/reduced graphene oxide composites with improved mechanical, thermal, and barrier properties. <i>Journal of Materials Science</i> , 2014, 49, 243-254.	3.7	121
3	Lightweight flexible polyurethane/reduced ultralarge graphene oxide composite foams for electromagnetic interference shielding. <i>RSC Advances</i> , 2016, 6, 27517-27527.	3.6	79
4	Preparation and characterization of ethylene-vinyl acetate/halloysite nanotube nanocomposites. <i>Journal of Materials Science</i> , 2015, 50, 3237-3245.	3.7	65
5	Mechanical, thermal and flammability properties of ethylene-vinyl acetate (EVA)/sepiolite nanocomposites. <i>Polymer Testing</i> , 2014, 37, 117-122.	4.8	63
6	Gas permeability and permselectivity properties of ethylene vinyl acetate/sepiolite mixed matrix membranes. <i>Separation and Purification Technology</i> , 2015, 146, 351-357.	7.9	50
7	Universal Coatings Based on Zwitterionic Dopamine Copolymer Microgels. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 20869-20875.	8.0	49
8	Poly(aspartic acid) in Biomedical Applications: From Polymerization, Modification, Properties, Degradation, and Biocompatibility to Applications. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2083-2105.	5.2	49
9	Intumescent flame retardant polyurethane/starch composites: Thermal, mechanical, and rheological properties. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	46
10	High sensitivity ammonia detection using metal nanoparticles decorated on graphene macroporous frameworks/polyaniline hybrid. <i>Talanta</i> , 2019, 197, 457-464.	5.5	41
11	Hydrogels Based on Poly(aspartic acid): Synthesis and Applications. <i>Frontiers in Chemistry</i> , 2019, 7, 755.	3.6	36
12	Development of Ethylene-Vinyl Acetate Composites Reinforced with Graphene Platelets. <i>Macromolecular Materials and Engineering</i> , 2017, 302, 1600260.	3.6	33
13	Synthesis of monodisperse anionic submicron polystyrene particles by stabilizer-free dispersion polymerization in alcoholic media. <i>Colloid and Polymer Science</i> , 2013, 291, 1741-1748.	2.1	28
14	Well-Defined Zwitterionic Microgels: Synthesis and Application as Acid-Resistant Microreactors. <i>Macromolecules</i> , 2016, 49, 7204-7210.	4.8	28
15	Lightweight high-density polyethylene/carbonaceous nanosheets microcellular foams with improved electrical conductivity and mechanical properties. <i>Journal of Materials Science</i> , 2015, 50, 4994-5004.	3.7	26
16	Transition behavior, surface characteristics and film formation of functionalized poly(methyl Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 142	3.9	24
17	PEG-grafted liposomes for enhanced antibacterial and antibiotic activities: An in vivo study. <i>NanoImpact</i> , 2022, 25, 100384.	4.5	24
18	Ethylene vinyl acetate copolymer nanocomposites based on (un)modified sepiolite: Flame retardancy, thermal, and mechanical properties. <i>Polymer Composites</i> , 2017, 38, 1302-1310.	4.6	22

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19	Soap-free emulsion polymerization of poly (methyl methacrylate-co-butyl acrylate): effects of anionic comonomers and methanol on the different characteristics of the latexes. <i>Colloid and Polymer Science</i> , 2014, 292, 197-205.	2.1	20
20	Bionanocomposite regenerated cellulose/single-walled carbon nanotube films prepared using ionic liquid solvent. <i>Cellulose</i> , 2017, 24, 811-822.	4.9	18
21	Anti-bacterial poly(vinyl alcohol) nanocomposite hydrogels reinforced with <i>in situ</i> synthesized silver nanoparticles. <i>Polymer Composites</i> , 2019, 40, 1322-1328.	4.6	17
22	Fabrication of composite polymer particles by stabilizer-free seeded polymerization. <i>Colloid and Polymer Science</i> , 2015, 293, 2445-2450.	2.1	16
23	Development of Regenerated Cellulose/Citric Acid Films with Ionic Liquids. <i>Journal of Polymers and the Environment</i> , 2022, 30, 613-621.	5.0	12
24	Biocompatible regenerated cellulose/halloysite nanocomposite fibers. <i>Polymer Engineering and Science</i> , 2020, 60, 1169-1176.	3.1	11
25	Gingerol/letrozole-loaded mesoporous silica nanoparticles for breast cancer therapy: In-silico and in-vitro studies. <i>Microporous and Mesoporous Materials</i> , 2022, 337, 111919.	4.4	11
26	Sulfonate-functionalized polyacrylonitrile-based nanoparticles; synthesis, and conversion to pH-sensitive nanogels. <i>Colloid and Polymer Science</i> , 2019, 297, 1245-1253.	2.1	10
27	Atherothrombosis-on-a-Chip: A Site-Specific Microfluidic Model for Thrombus Formation and Drug Discovery. <i>Advanced Biology</i> , 2022, 6, .	2.5	8
28	Anti-Bacterial Activity of Chitosan-Alginate-Poly (Vinyl Alcohol) Hydrogel Containing Entrapped Peppermint Essential Oil. <i>Journal of Macromolecular Science - Physics</i> , 2022, 61, 225-237.	1.0	6
29	Synthesis of Polymer Nanoparticles in the Presence of Diatoms as Sustainable Bio-Templates. <i>Colloid Journal</i> , 2022, 84, 120-126.	1.3	3
30	Highly efficient photocatalytic degradation of landfill leachate by Boron-doped TiO ₂ photocatalyst. <i>International Journal of Environmental Studies</i> , 2023, 80, 1673-1688.	1.6	1