

Hossein Adelnia

List of Publications by Year in descending order

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30
papers

1,051
citations

394421

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h-index

454955

30
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31
docs citations

31
times ranked

1146
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient photocatalytic degradation of landfill leachate by Boron-doped TiO ₂ photocatalyst. International Journal of Environmental Studies, 2023, 80, 1673-1688.	1.6	1
2	Development of Regenerated Cellulose/Citric Acid Films with Ionic Liquids. Journal of Polymers and the Environment, 2022, 30, 613-621.	5.0	12
3	Anti-Bacterial Activity of Chitosan-Alginate-Poly (Vinyl Alcohol) Hydrogel Containing Entrapped Peppermint Essential Oil. Journal of Macromolecular Science - Physics, 2022, 61, 225-237.	1.0	6
4	Freeze/thawed polyvinyl alcohol hydrogels: Present, past and future. European Polymer Journal, 2022, 164, 110974.	5.4	134
5	PEG-grafted liposomes for enhanced antibacterial and antibiotic activities: An in vivo study. NanoImpact, 2022, 25, 100384.	4.5	24
6	Gingerol/letrozole-loaded mesoporous silica nanoparticles for breast cancer therapy: In-silico and in-vitro studies. Microporous and Mesoporous Materials, 2022, 337, 111919.	4.4	11
7	Synthesis of Polymer Nanoparticles in the Presence of Diatoms as Sustainable Bio-Templates. Colloid Journal, 2022, 84, 120-126.	1.3	3
8	Atherothrombosis-on-a-Chip: A Site-Specific Microfluidic Model for Thrombus Formation and Drug Discovery. Advanced Biology, 2022, 6, .	2.5	8
9	Poly(aspartic acid) in Biomedical Applications: From Polymerization, Modification, Properties, Degradation, and Biocompatibility to Applications. ACS Biomaterials Science and Engineering, 2021, 7, 2083-2105.	5.2	49
10	Biocompatible regenerated cellulose/halloysite nanocomposite fibers. Polymer Engineering and Science, 2020, 60, 1169-1176.	3.1	11
11	Sulfonate-functionalized polyacrylonitrile-based nanoparticles; synthesis, and conversion to pH-sensitive nanogels. Colloid and Polymer Science, 2019, 297, 1245-1253.	2.1	10
12	Hydrogels Based on Poly(aspartic acid): Synthesis and Applications. Frontiers in Chemistry, 2019, 7, 755.	3.6	36
13	High sensitivity ammonia detection using metal nanoparticles decorated on graphene macroporous frameworks/polyaniline hybrid. Talanta, 2019, 197, 457-464.	5.5	41
14	Anti-bacterial poly(vinyl alcohol) nanocomposite hydrogels reinforced with <i>in situ</i> synthesized silver nanoparticles. Polymer Composites, 2019, 40, 1322-1328.	4.6	17
15	Universal Coatings Based on Zwitterionic Dopamine Copolymer Microgels. ACS Applied Materials & Interfaces, 2018, 10, 20869-20875.	8.0	49
16	Ethylene vinyl acetate copolymer nanocomposites based on (un)modified sepiolite: Flame retardancy, thermal, and mechanical properties. Polymer Composites, 2017, 38, 1302-1310.	4.6	22
17	Bionanocomposite regenerated cellulose/single-walled carbon nanotube films prepared using ionic liquid solvent. Cellulose, 2017, 24, 811-822.	4.9	18
18	Development of Ethylene-Vinyl Acetate Composites Reinforced with Graphene Platelets. Macromolecular Materials and Engineering, 2017, 302, 1600260.	3.6	33

#	ARTICLE	IF	CITATIONS
19	Lightweight flexible polyurethane/reduced ultralarge graphene oxide composite foams for electromagnetic interference shielding. RSC Advances, 2016, 6, 27517-27527.	3.6	79
20	Well-Defined Zwitterionic Microgels: Synthesis and Application as Acid-Resistant Microreactors. Macromolecules, 2016, 49, 7204-7210.	4.8	28
21	Preparation and characterization of ethylene-vinyl acetate/halloysite nanotube nanocomposites. Journal of Materials Science, 2015, 50, 3237-3245.	3.7	65
22	Fabrication of composite polymer particles by stabilizer-free seeded polymerization. Colloid and Polymer Science, 2015, 293, 2445-2450.	2.1	16
23	Lightweight high-density polyethylene/carbonaceous nanosheets microcellular foams with improved electrical conductivity and mechanical properties. Journal of Materials Science, 2015, 50, 4994-5004.	3.7	26
24	Gas permeability and permselectivity properties of ethylene vinyl acetate/sepiolite mixed matrix membranes. Separation and Purification Technology, 2015, 146, 351-357.	7.9	50
25	Soap-free emulsion polymerization of poly (methyl methacrylate-co-butyl acrylate): effects of anionic comonomers and methanol on the different characteristics of the latexes. Colloid and Polymer Science, 2014, 292, 197-205.	2.1	20
26	Intumescent flame retardant polyurethane/reduced graphene oxide composites with improved mechanical, thermal, and barrier properties. Journal of Materials Science, 2014, 49, 243-254.	3.7	121
27	Transition behavior, surface characteristics and film formation of functionalized poly(methyl Tj ETQq1 1 0.784314.rgBT /Overlock 10	3.9	24
28	Intumescent flame retardant polyurethane/starch composites: Thermal, mechanical, and rheological properties. Journal of Applied Polymer Science, 2014, 131, .	2.6	46
29	Mechanical, thermal and flammability properties of ethylene-vinyl acetate (EVA)/sepiolite nanocomposites. Polymer Testing, 2014, 37, 117-122.	4.8	63
30	Synthesis of monodisperse anionic submicron polystyrene particles by stabilizer-free dispersion polymerization in alcoholic media. Colloid and Polymer Science, 2013, 291, 1741-1748.	2.1	28