

# Azadeh asefnejad

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,340  
citations

331670

21  
h-index

361022

35  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1722  
citing authors

#	ARTICLE	IF	CITATIONS
1	Manufacturing of biodegradable polyurethane scaffolds based on polycaprolactone using a phase separation method: physical properties and in vitro assay. <i>International Journal of Nanomedicine</i> , 2011, 6, 2375.	6.7	150
2	Potential of novel electrospun core-shell structured polyurethane/starch (hyaluronic acid) nanofibers for skin tissue engineering: In vitro and in vivo evaluation. <i>International Journal of Biological Macromolecules</i> , 2020, 146, 627-637.	7.5	138
3	Wound healing with alginate/chitosan hydrogel containing hesperidin in rat model. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101379.	3.0	110
4	The relationship between cellular adhesion and surface roughness in polystyrene modified by microwave plasma radiation. <i>International Journal of Nanomedicine</i> , 2011, 6, 631.	6.7	74
5	Preparation of superabsorbent eco-friendly semi-interpenetrating network based on cross-linked poly acrylic acid/xanthan gum/graphene oxide (PAA/XG/GO): Characterization and dye removal ability. <i>International Journal of Biological Macromolecules</i> , 2020, 152, 884-893.	7.5	62
6	Fabrication of tragacanthin gum-carboxymethyl chitosan bio-nanocomposite wound dressing with silver-titanium nanoparticles using freeze-drying method. <i>Materials Chemistry and Physics</i> , 2022, 279, 125770.	4.0	55
7	Fabrication of shapeless scaffolds reinforced with baghdadite-magnetite nanoparticles using a 3D printer and freeze-drying technique. <i>Journal of Materials Research and Technology</i> , 2021, 14, 3070-3079.	5.8	52
8	Polyurethane/fluor-hydroxyapatite nanocomposite scaffolds for bone tissue engineering. Part I: morphological, physical, and mechanical characterization. <i>International Journal of Nanomedicine</i> , 2011, 6, 93.	6.7	51
9	Fabrication of carboxymethyl chitosan/poly( $\epsilon$ -caprolactone)/doxorubicin/nickel ferrite core-shell fibers for controlled release of doxorubicin against breast cancer. <i>Carbohydrate Polymers</i> , 2021, 257, 117631.	10.2	49
10	Programming polyurethane with systematic presence of graphene-oxide (GO) and reduced graphene-oxide (rGO) platelets for adjusting of heat-actuated shape memory properties. <i>European Polymer Journal</i> , 2019, 118, 619-632.	5.4	43
11	The relationship between cellular adhesion and surface roughness for polyurethane modified by microwave plasma radiation. <i>International Journal of Nanomedicine</i> , 2011, 6, 641.	6.7	42
12	Challenge between sequence presences of conductive additives on flexibility, dielectric and supercapacitance behaviors of nanofibrillated template of bacterial cellulose aerogels. <i>European Polymer Journal</i> , 2019, 115, 335-345.	5.4	42
13	Antibacterial superhydrophobic polyvinyl chloride surfaces via the improved phase separation process using silver phosphate nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 183, 110438.	5.0	39
14	Electrospun electroactive nanofibers of gelatin $\epsilon$ -oligoaniline/Poly (vinyl alcohol) templates for architecting of cardiac tissue with on-demand drug release. <i>Polymers for Advanced Technologies</i> , 2019, 30, 1473-1483.	3.2	37
15	A Porous Sodium Alginate-CaSiO <sub>3</sub> Polymer Reinforced with Graphene Nanosheet: Fabrication and Optimality Analysis. <i>Fibers and Polymers</i> , 2021, 22, 540-549.	2.1	37
16	Application of 3D Bioprinters for Dental Pulp Regeneration and Tissue Engineering (Porous) Tj ETQq0 0 0 rgBT /Overlock 10 Tf, 50 142 T	2.6	29
17	Bi-layered electrospun nanofibrous polyurethane-gelatin scaffold with targeted heparin release profiles for tissue engineering applications. <i>Journal of Polymer Engineering</i> , 2017, 37, 933-941.	1.4	26
18	Anticancer effect of green tea extract (GTE)-Loaded pH-responsive niosome Coated with PEG against different cell lines. <i>Materials Today Communications</i> , 2021, 26, 101751.	1.9	26

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19	Cell engineering: nanometric grafting of poly-N-isopropylacrylamide onto polystyrene film by different doses of gamma radiation. <i>International Journal of Nanomedicine</i> , 2010, 5, 549.	6.7	23
20	Incorporation of graphene oxide and calcium phosphate in the PCL/PHBV core-shell nanofibers as bone tissue scaffold. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49797.	2.6	23
21	A hyaluronic acid/PVA electrospun coating on 3D printed PLA scaffold for orthopedic application. <i>Progress in Biomaterials</i> , 2022, 11, 67-77.	4.5	22
22	<i>Artemisia annua</i> L. as a promising medicinal plant for powerful wound healing applications. <i>Progress in Biomaterials</i> , 2020, 9, 139-151.	4.5	21
23	Preparation, characterization, and antibacterial studies of N, O-carboxymethyl chitosan as a wound dressing for bed sore application. , 2020, 9, 181.		20
24	Effect of the mechanical activation on size reduction of crystalline acetaminophen drug particles. <i>International Journal of Nanomedicine</i> , 2009, 4, 283.	6.7	19
25	Tissue engineering needs new biomaterials: Poly(xylitol-dodecanedioic acid)-co-poly(lactic acid (PXDDA-co-PLA) and its nanocomposites. <i>European Polymer Journal</i> , 2021, 152, 110469.	5.4	18
26	Adsorption and sustained release of doxorubicin from N-carboxymethyl chitosan/poly(vinyl alcohol)/poly( $\epsilon$ -caprolactone) composite and core-shell nanofibers. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102937.	3.0	18
27	Fabrication of Coated-Collagen Electrospun PHBV Nanofiber Film by Plasma Method and Its Cellular Study. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-8.	2.7	17
28	Improved surface properties in spray-coated PU/TiO <sub>2</sub> /graphene hybrid nanocomposites through nonsolvent-induced phase separation. <i>Surface and Coatings Technology</i> , 2021, 405, 126507.	4.8	16
29	The effect of acetaminophen nanoparticles on liver toxicity in a rat model. <i>International Journal of Nanomedicine</i> , 2010, 5, 197.	6.7	11
30	Design and manufacturing a tubular structures based on poly( $\epsilon$ -caprolactone) / poly(glycerol-sebacic) Tj ETQq0 0 0 rgBT /Overlock 10 T renal tissue engineering. <i>Journal of Polymer Research</i> , 2022, 29, 1.	2.4	11
31	Fabrication of multicomponent cellulose/polypyrrole composed with zinc oxide nanoparticles for improving mechanical and biological properties. <i>Reactive and Functional Polymers</i> , 2022, 170, 105126.	4.1	10
32	Reinforcement of electrospun polycaprolacton scaffold using KIT-6 to improve mechanical and biological performance. <i>Polymer Testing</i> , 2020, 84, 106391.	4.8	8
33	Fabrication of Wound Dressing Cotton Nano-Composite Coated with Tragacanth/Poly(vinyl Alcohol): Characterization and In Vitro Studies. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 013002.	1.8	7
34	In-vitro cellular and in-vivo investigation of ascorbic acid and $\beta$ -glycerophosphate loaded gelatin/sodium alginate injectable hydrogels for urinary incontinence treatment. <i>Progress in Biomaterials</i> , 2021, 10, 161-171.	4.5	6
35	The physicochemical and mechanical investigation of siloxane modified Gelatin/Sodium alginate injectable hydrogels loaded by ascorbic acid and $\beta$ -Glycerophosphate. <i>Materials Today Communications</i> , 2021, 26, 101914.	1.9	5
36	Water-based polyurethane/functionalized chitosan/zinc oxide nanoparticles nanocomposites: physical, mechanical and biocompatibility properties. <i>Polymer-Plastics Technology and Materials</i> , 0, , 1-16.	1.3	5

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37	Titanium coating: introducing an antibacterial and bioactive chitosan-alginate film on titanium by spin coating. <i>Biomedizinische Technik</i> , 2020, 65, 621-630.	0.8	5
38	Evaluation of Freeze-Dry Chitosan-Gelatin Scaffolds with Olibanum Microspheres Containing Dexamethasone for Bone Tissue Engineering. <i>Porrime</i> , 2018, 42, 982-993.	0.2	4
39	Preparation and characterization of a new bio nanocomposites based poly(glycerol sebacicâ€urethane) containing nanoâ€clay (Cloisite Na <sup>+</sup> ) and its potential application for tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 2217-2230.	3.4	4
40	Study of the Parameters Affecting the Loading of Fluorescein on Coated Gold Nanoparticles: Promising Nanostructure for Cancer Diagnosis. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 2429-2442.	1.7	3
41	Fabrication of fibrous poly (Éâ€caprolactone) nanoâ€fibers containing cerium dopedâ€bioglasses nanoparticles encapsulated collagen. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51202.	2.6	2
42	PREPARATION, CHARACTERIZATION AND DRUG DELIVERY BEHAVIOR OF DEXAMETHASONE-LOADED OLIBANUM MICROSPHERE. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2018, 30, 1850031.	0.6	0
43	Surface modification of polyurethane nanocomposite films via nonsolventâ€induced phase separation accelerated by graphene nanoplatelets. <i>Polymer Composites</i> , 0, , .	4.6	0