

Elham Vatankhah

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

787
citations

759055

12
h-index

752573

20
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25
all docs

25
docs citations

25
times ranked

1359
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal energy storage and mechanical performance of composites of rigid polyurethane foam and phase change material prepared by one-shot synthesis method. <i>Journal of Polymer Research</i> , 2022, 29, 1.	1.2	5
2	Beneficial effects of biodelivery of brain-derived neurotrophic factor and gold nanoparticles from functionalized electrospun PLGA scaffold for nerve tissue engineering. <i>Journal of Cluster Science</i> , 2021, 32, 631-642.	1.7	8
3	Environmentally friendly superabsorbent fibers based on electrospun cellulose nanofibers extracted from wheat straw. <i>Carbohydrate Polymers</i> , 2021, 251, 117087.	5.1	28
4	Performance of ANN in Predicting Internal Bonding of Cement Particleboard Manufactured from Giant Reed and Bagasse. <i>Drvna Industrija</i> , 2021, 72, 255-271.	0.3	1
5	Differential effects of rat ADSCs encapsulation in fibrin matrix and combination delivery of BDNF and Gold nanoparticles on peripheral nerve regeneration. <i>BMC Neuroscience</i> , 2021, 22, 50.	0.8	11
6	Boosted output performance of nanocellulose-based triboelectric nanogenerators via device engineering and surface functionalization. <i>Carbohydrate Polymers</i> , 2021, 266, 118120.	5.1	14
7	Surfactant-assisted incorporation of rosmarinic acid into electrospayed poly(lactic-co-glycolic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2020, 81, 106180.	2.3	11
8	Nanofibrous cellulose acetate/gelatin wound dressing endowed with antibacterial and healing efficacy using nanoemulsion of <i>Zataria multiflora</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 162, 762-773.	3.6	39
9	EVALUATION OF MECHANICAL AND FLAME RETARDANT PROPERTIES OF MEDIUM DENSITY FIBERBOARD USING ARTIFICIAL NEURAL NETWORK. <i>Cerme</i> , 2020, 26, 279-292.	0.9	2
10	Experimental investigation into size and sphericity of alginate micro-beads produced by electro spraying technique: Operational condition optimization. <i>Carbohydrate Polymers</i> , 2019, 209, 389-399.	5.1	39
11	Rosmarinic acid-loaded electrospun nanofibers: In vitro release kinetic study and bioactivity assessment. <i>Engineering in Life Sciences</i> , 2018, 18, 732-742.	2.0	38
12	A nanofibrous bilayered scaffold for tissue engineering of small diameter blood vessels. <i>Polymers for Advanced Technologies</i> , 2018, 29, 3151-3158.	1.6	27
13	Biomimetic microenvironment complexity to redress the balance between biodegradation and de novo matrix synthesis during early phase of vascular tissue engineering. <i>Materials Science and Engineering C</i> , 2017, 81, 39-47.	3.8	3
14	In vitro hemocompatibility and cytocompatibility of a three-layered vascular scaffold fabricated by sequential electrospinning of PCL, collagen, and PLLA nanofibers. <i>Journal of Biomaterials Applications</i> , 2016, 31, 438-449.	1.2	57
15	Methods for Nano/Micropatterning of Substrates: Toward Stem Cells Differentiation. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015, 64, 338-353.	1.8	9
16	Artificial neural network for modeling the elastic modulus of electrospun polycaprolactone/gelatin scaffolds. <i>Acta Biomaterialia</i> , 2014, 10, 709-721.	4.1	105
17	Phenotypic Modulation of Smooth Muscle Cells by Chemical and Mechanical Cues of Electrospun Tecophilic/Gelatin Nanofibers. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4089-4101.	4.0	43
18	Electrospun tecophilic/gelatin nanofibers with potential for small diameter blood vessel tissue engineering. <i>Biopolymers</i> , 2014, 101, 1165-1180.	1.2	78

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19	Development of nanofibrous cellulose acetate/gelatin skin substitutes for variety wound treatment applications. Journal of Biomaterials Applications, 2014, 28, 909-921.	1.2	131
20	Electrospun aligned PHBV/collagen nanofibers as substrates for nerve tissue engineering. Biotechnology and Bioengineering, 2013, 110, 2775-2784.	1.7	131
21	A novel real-time measuring method for cloth fell distance during weaving. International Journal of Clothing Science and Technology, 2013, 25, 198-207.	0.5	0
22	Structural characterization of electrospun scaffolds by image analysis techniques. , 2012, , .		1
23	Importance of the Cloth Fell Position and Its Specification Methods. , 2010, , .		1
24	The comfort properties of cosmeto-textiles functionalized with protein-based nanoemulsions encapsulating Vitamin-E. Journal of Natural Fibers, 0, , 1-13.	1.7	2