

# Zahra Hassannejad

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

535  
citations

623699

14  
h-index

677123

22  
g-index

30  
all docs

30  
docs citations

30  
times ranked

704  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biofunctionalized peptide-based hydrogel as an injectable scaffold for BDNF delivery can improve regeneration after spinal cord injury. <i>Injury</i> , 2019, 50, 278-285.	1.7	65
2	Fabrication and in vitro evaluation of 3D composite scaffold based on collagen/hyaluronic acid sponge and electrospun polycaprolactone nanofibers for peripheral nerve regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 300-312.	4.0	56
3	Fabrication and characterization of electrospun lamininâ€functionalized silk fibroin/poly(ethylene Tj ETQq1 1 0.784314 rgBT /Overlo Research - Part B <i>Applied Biomaterials</i> , 2018, 106, 1595-1604.	3.4	49
4	Fabrication and characterization of gold nanoparticle-doped electrospun PCL/chitosan nanofibrous scaffolds for nerve tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 134.	3.6	47
5	Potential variables affecting the quality of animal studies regarding pathophysiology of traumatic spinal cord injuries. <i>Spinal Cord</i> , 2016, 54, 579-583.	1.9	29
6	The fate of neurons after traumatic spinal cord injury in rats: A systematic review. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 546-557.	1.0	29
7	Axonal degeneration and demyelination following traumatic spinal cord injury: A systematic review and meta-analysis. <i>Journal of Chemical Neuroanatomy</i> , 2019, 97, 9-22.	2.1	24
8	Synthesis and evaluation of time dependent optical properties of plasmonicâ€magnetic nanoparticles. <i>Optical Materials</i> , 2013, 35, 644-651.	3.6	23
9	A rechargeable drug delivery system based on <scp>pNIPAM</scp> hydrogel for the local release of curcumin. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51167.	2.6	23
10	Fabrication and evaluation of porous and conductive nanofibrous scaffolds for nerve tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 46.	3.6	19
11	Nanoshell-mediated targeted photothermal therapy of HER2 human breast cancer cells using pulsed and continuous wave lasers: an in vitro study. <i>Lasers in Medical Science</i> , 2015, 30, 1913-1922.	2.1	18
12	Oligodendroglioneogenesis and Axon Remyelination after Traumatic Spinal Cord Injuries in Animal Studies: A Systematic Review. <i>Neuroscience</i> , 2019, 402, 37-50.	2.3	16
13	Proanthocyanidin as a crosslinking agent for fibrin, collagen hydrogels and their composites with decellularized Whartonâ€™s-jelly-extract for tissue engineering applications. <i>Journal of Bioactive and Compatible Polymers</i> , 2020, 35, 554-571.	2.1	15
14	Time-dependent microglia and macrophages response after traumatic spinal cord injury in rat: a systematic review. <i>Injury</i> , 2020, 51, 2390-2401.	1.7	15
15	The effect of isopropanol addition on enhancement of transdermal controlled release of ibuprofen from ethylene vinyl acetate copolymer membranes. <i>Journal of Applied Polymer Science</i> , 2011, 122, 3048-3054.	2.6	14
16	Microtubule stabilizer epothilone B as a motor neuron differentiation agent for human endometrial stem cells. <i>Cell Biology International</i> , 2020, 44, 1168-1183.	3.0	13
17	microRNAs as novel diagnostic biomarkers in endometriosis patients: a systematic review and meta-analysis. <i>Expert Review of Molecular Diagnostics</i> , 2022, 22, 479-495.	3.1	11
18	Decellularized human amniotic membrane reinforced by MoS <sub>2</sub> -Polycaprolactone nanofibers, a novel conductive scaffold for cardiac tissue engineering. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1527-1539.	2.4	11

#	ARTICLE	IF	CITATIONS
19	Biomedical Applications of Silkworm ( Bombyx Mori ) Proteins in Regenerative Medicine (a Narrative) Tj ETQq1 1 0.784314 rgBT /Over	2.7	10
20	Optimization of electrospinning parameters for producing silk fibroin/poly(ethylene oxide) nanofibers using D-optimal method. Journal of Natural Fibers, 2019, 16, 1113-1123.	3.1	8
21	Subarachnoid Space Transplantation of Schwann and/or Olfactory Ensheathing Cells Following Severe Spinal Cord Injury Fails to Improve Locomotor Recovery in Rats. Acta Medica Iranica, 2016, 54, 562-569.	0.8	8
22	Influence of reducing agents on in situ synthesis of gold nanoparticles and scaffold conductivity with emphasis on neural differentiation. Materials Science and Engineering C, 2022, 134, 112634.	7.3	8
23	The effect of low-level laser therapy on pathophysiology and locomotor recovery after traumatic spinal cord injuries: a systematic review and meta-analysis. Lasers in Medical Science, 2022, 37, 61-75.	2.1	7
24	Improving motor neuron-like cell differentiation of hEnSCs by the combination of epothilone B loaded PCL microspheres in optimized 3D collagen hydrogel. Scientific Reports, 2021, 11, 21722.	3.3	7
25	L Latex: Possible Chemo-Preventive, Apoptotic Activity and Safety Assessment. Iranian Journal of Pharmaceutical Research, 2020, 19, 231-240.	0.5	5
26	Coronary-Based Right Heart Flap Recellularization by Rat Neonatal Whole Cardiac Cells: a Viable Sheep Cardiac Patch Model for Possible Management of Heart Aneurysm. Regenerative Engineering and Translational Medicine, 0, , 1.	2.9	1
27	Efficacy of hydrogels for repair of traumatic spinal cord injuries: A systematic review and meta-analysis. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 1460-1478.	3.4	1
28	Modification of the alginate hydrogel with fibroblast and Schwann cell derived extracellular matrix potentiates differentiation of mesenchymal stem cells toward neuron like cells. Journal of Applied Polymer Science, 0, , .	2.6	1