Zahra Hassannejad

List of Publications by Year in Descending Order

26 papers	281 citations	11 h-index	16 g-index
30 ext. papers	409 ext. citations	3.3 avg, IF	3.75 L-index

#	Paper	IF	Citations
26	Decellularized human amniotic membrane reinforced by MoS-Polycaprolactone nanofibers, a novel conductive scaffold for cardiac tissue engineering.. *Journal of Biomaterials Applications*, **2022**, 88532822110632 89	2.9	2
25	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	4.9	1
24	Biomedical applications of silkworm (Bombyx Mori) proteins in regenerative medicine (a narrative review). *Journal of Tissue Engineering and Regenerative Medicine*, **2021**,	4.4	2
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*, **2021**, 1	3.1	1
22	Fabrication and evaluation of porous and conductive nanofibrous scaffolds for nerve tissue engineering. *Journal of Materials Science: Materials in Medicine*, **2021**, 32, 46	4.5	6
21	A rechargeable drug delivery system based on pNIPAM hydrogel for the local release of curcumin. *Journal of Applied Polymer Science*, **2021**, 138, 51167	2.9	7
20	Fabrication and in vitro evaluation of 3D composite scaffold based on collagen/hyaluronic acid sponge and electrospun polycaprolactone nanofibers for peripheral nerve regeneration. *Journal of Biomedical Materials Research - Part A*, **2021**, 109, 300-312	5.4	22
19	microRNAs as novel diagnostic biomarkers in endometriosis patients: a systematic review and meta-analysis. *Expert Review of Molecular Diagnostics*, **2021**, 1-17	3.8	3
18	Influence of reducing agents on in situ synthesis of gold nanoparticles and scaffold conductivity with emphasis on neural differentiation.. *Materials Science and Engineering C*, **2021**, 112634	8.3	1
17	Time-dependent microglia and macrophages response after traumatic spinal cord injury in rat: a systematic review. *Injury*, **2020**, 51, 2390-2401	2.5	5
16	L Latex: Possible Chemo-Preventive, Apoptotic Activity and Safety Assessment. *Iranian Journal of Pharmaceutical Research*, **2020**, 19, 231-240	1.1	2
15	Proanthocyanidin as a crosslinking agent for fibrin, collagen hydrogels and their composites with decellularized Wharton's jelly-extract for tissue engineering applications. *Journal of Bioactive and Compatible Polymers*, **2020**, 35, 554-571	2	5
14	Microtubule stabilizer epothilone B as a motor neuron differentiation agent for human endometrial stem cells. *Cell Biology International*, **2020**, 44, 1168-1183	4.5	9
13	Oligodendrogliogenesis and Axon Remyelination after Traumatic Spinal Cord Injuries in Animal Studies: A Systematic Review. *Neuroscience*, **2019**, 402, 37-50	3.9	11
12	Axonal degeneration and demyelination following traumatic spinal cord injury: A systematic review and meta-analysis. *Journal of Chemical Neuroanatomy*, **2019**, 97, 9-22	3.2	12
11	Biofunctionalized peptide-based hydrogel as an injectable scaffold for BDNF delivery can improve regeneration after spinal cord injury. *Injury*, **2019**, 50, 278-285	2.5	27
10	Optimization of electrospinning parameters for producing silk fibroin/poly(ethylene oxide) nanofibers using D-optimal method. *Journal of Natural Fibers*, **2019**, 16, 1113-1123	1.8	6

9	Fabrication and characterization of gold nanoparticle-doped electrospun PCL/chitosan nanofibrous scaffolds for nerve tissue engineering. *Journal of Materials Science: Materials in Medicine*, **2018**, 29, 134	4.5	36
8	The fate of neurons after traumatic spinal cord injury in rats: A systematic review. *Iranian Journal of Basic Medical Sciences*, **2018**, 21, 546-557	1.8	17
7	Fabrication and characterization of electrospun laminin-functionalized silk fibroin/poly(ethylene oxide) nanofibrous scaffolds for peripheral nerve regeneration. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2018**, 106, 1595-1604	3.5	40
6	Potential variables affecting the quality of animal studies regarding pathophysiology of traumatic spinal cord injuries. *Spinal Cord*, **2016**, 54, 579-83	2.7	17
5	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		7
4	Nanoshell-mediated targeted photothermal therapy of HER2 human breast cancer cells using pulsed and continuous wave lasers: an in vitro study. *Lasers in Medical Science*, **2015**, 30, 1913-22	3.1	11
3	Synthesis and evaluation of time dependent optical properties of plasmonic□agnetic nanoparticles. *Optical Materials*, **2013**, 35, 644-651	3.3	16
2	The effect of isopropanol addition on enhancement of transdermal controlled release of ibuprofen from ethylene vinyl acetate copolymer membranes. *Journal of Applied Polymer Science*, **2011**, 122, 3048-3054	2.0	14
1	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*,1	2.4	0