

# Mohammad Karimipour

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

661  
citations

687335

13  
h-index

610883

24  
g-index

40  
all docs

40  
docs citations

40  
times ranked

932  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transplantation of bioengineered Reelin-loaded PLGA/PEG micelles can accelerate neural tissue regeneration in photothrombotic stroke model of mouse. <i>Bioengineering and Translational Medicine</i> , 2022, 7, e10264.	7.1	17
2	Biomaterials patterning regulates neural stem cells fate and behavior: The interface of biology and material science. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 725-737.	4.0	4
3	Fabrication, characterization and evaluation of the effect of PLGA and PLGA-PEG biomaterials on the proliferation and neurogenesis potential of human neural SH-SY5Y cells. <i>Microscopy Research and Technique</i> , 2022, 85, 1433-1443.	2.2	6
4	Effect of aberrant DNA methylation on cancer stem cell properties. <i>Experimental and Molecular Pathology</i> , 2022, 125, 104757.	2.1	17
5	Insights into the Critical Role of Exosomes in the Brain; from Neuronal Activity to Therapeutic Effects. <i>Molecular Neurobiology</i> , 2022, 59, 4453-4465.	4.0	4
6	Neural Stem Cells Secretome Increased Neurogenesis and Behavioral Performance and the Activation of Wnt/ $\beta$ -Catenin Signaling Pathway in Mouse Model of Alzheimer's Disease. <i>NeuroMolecular Medicine</i> , 2022, , .	3.4	4
7	Exact location of sensorimotor cortex injury after photochemical modulation; evidence of stroke based on stereological and morphometric studies in mice. <i>Lasers in Medical Science</i> , 2021, 36, 91-98.	2.1	2
8	Polycaprolactone fumarate acts as an artificial neural network to promote the biological behavior of neural stem cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 246-256.	3.4	8
9	Hyaluronic Acid and Regenerative Medicine: New Insights into the Stroke Therapy. <i>Current Molecular Medicine</i> , 2021, 20, 675-691.	1.3	7
10	Modulatory properties of extracellular matrix glycosaminoglycans and proteoglycans on neural stem cells behavior: Highlights on regenerative potential and bioactivity. <i>International Journal of Biological Macromolecules</i> , 2021, 171, 366-381.	7.5	19
11	Evaluation of the neuroprotective effects of Vitamin E on the rat substantia nigra neural cells exposed to electromagnetic field: An ultrastructural study. <i>Electromagnetic Biology and Medicine</i> , 2021, 40, 428-437.	1.4	0
12	Evaluation of the Effect of Hyaluronic Acid-Based Biomaterial Enriched With Tenascin-C on the Behavior of the Neural Stem Cells. <i>International Journal of Toxicology</i> , 2021, 40, 218-225.	1.2	5
13	Application of neurotrophic factor-secreting cells (astrocyte - Like cells) in the in-vitro Alzheimer's disease-like pathology on the human neuroblastoma cells. <i>Brain Research Bulletin</i> , 2021, 172, 180-189.	3.0	10
14	The Restorative Effect of Human Amniotic Fluid Stem Cells on Spinal Cord Injury. <i>Cells</i> , 2021, 10, 2565.	4.1	4
15	Does the Global Outbreak of COVID-19 or Other Viral Diseases Threaten the Stem Cell Reservoir Inside the Body?. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 214-230.	3.8	11
16	Current knowledge and challenges associated with targeted delivery of neurotrophic factors into the central nervous system: focus on available approaches. <i>Cell and Bioscience</i> , 2021, 11, 181.	4.8	15
17	Tumor-derived extracellular vesicles: insights into bystander effects of exosomes after irradiation. <i>Lasers in Medical Science</i> , 2020, 35, 531-545.	2.1	49
18	Cord blood stem cell derived CD16+ NK cells eradicated acute lymphoblastic leukemia cells using with anti-CD47 antibody. <i>Life Sciences</i> , 2020, 242, 117223.	4.3	20

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19	A potential entanglement between the spinal cord and hippocampus: Theta rhythm correlates with neurogenesis deficiency following spinal cord injury in male rats. <i>Journal of Neuroscience Research</i> , 2020, 98, 2451-2467.	2.9	10
20	Biosensors for detection of Tau protein as an Alzheimer's disease marker. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1100-1108.	7.5	53
21	Superior Synaptogenic Effect of Electrospun PLGA-PEG Nanofibers Versus PLGA Nanofibers on Human Neural SH-SY5Y Cells in a Three-Dimensional Culture System. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1967-1976.	2.3	10
22	Volumetric investigation of the hippocampus in rat offspring due to diabetes in pregnancyâ€“A stereological study. <i>Journal of Chemical Neuroanatomy</i> , 2019, 101, 101669.	2.1	7
23	Nano-featured poly (lactide-co-glycolide)-graphene microribbons as a promising substrate for nerve tissue engineering. <i>Composites Part B: Engineering</i> , 2019, 173, 106863.	12.0	28
24	NK cells: An attractive candidate for cancer therapy. <i>Journal of Cellular Physiology</i> , 2019, 234, 19352-19365.	4.1	55
25	Quercetin promotes learning and memory performance concomitantly with neural stem/progenitor cell proliferation and neurogenesis in the adult rat dentate gyrus. <i>International Journal of Developmental Neuroscience</i> , 2019, 74, 18-26.	1.6	54
26	Aloe Vera/Collagen Mixture Induces Integrin $\alpha 1 \beta 1$ and PECAM-1 Genes Expression in Human Adipose-Derived Stem Cells. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 662-667.	1.4	11
27	Effect of cerebral dopamine neurotrophic factor on endogenous neural progenitor cell migration in a rat model of Parkinson's disease. <i>EXCLI Journal</i> , 2019, 18, 139-153.	0.7	9
28	Neurotrophic factors hold promise for the future of Parkinsonâ€™s disease treatment: is there a light at the end of the tunnel?. <i>Reviews in the Neurosciences</i> , 2018, 29, 475-489.	2.9	44
29	Exosomes and their Application in Biomedical Field: Difficulties and Advantages. <i>Molecular Neurobiology</i> , 2018, 55, 3372-3393.	4.0	91
30	Novel effects of <i>Rosa damascena</i> extract on patients with neurocognitive disorder and depression: A clinical trial study. <i>International Journal of Preventive Medicine</i> , 2018, 9, 57.	0.4	13
31	Mummy Material Can Promote Differentiation of Adipose Derived Stem Cells into Osteoblast through Enhancement of Bone Specific Transcription Factors Expression. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 457-464.	1.4	1
32	Neuroprotective effects of <i>Rosa damascena</i> extract on learning and memory in a rat model of amyloid- $\beta 2$ -induced Alzheimer's disease. <i>Advanced Biomedical Research</i> , 2015, 4, 131.	0.5	30
33	Novel effects of <i>Rosa damascena</i> extract on memory and neurogenesis in a rat model of Alzheimer's disease. <i>Journal of Neuroscience Research</i> , 2014, 92, 517-530.	2.9	35
34	A Study on the Effect of Thiotepa on Mice Spermatogenesis Using Light and Electronic Microscope. <i>Pakistan Journal of Biological Sciences</i> , 2008, 11, 1929-1934.	0.5	8