Gurudutta Gangenahalli

List of Publications by Year
in descending order

25 papers	300 citations	933447 10 h-index	888059 17 g-index
25 all docs	25 docs citations	25 times ranked	531 citing authors

#	Article	IF	Citations
1	Therapeutics effect of mesenchymal stromal cells in reactive oxygen species-induced damages. Human Cell, 2022, 35, 37-50.	2.7	7
2	Minimizing the negative charge of Alginate facilitates the delivery of negatively charged molecules inside cells. Journal of Polymer Research, 2022, 29, 1.	2.4	32
3	Fibronectin modified alginate coating enhances cell targeting and homing to bone marrow in BALB/c mice. Journal of Microencapsulation, 2022, , 1-21.	2.8	0
4	Data mining and structural analysis for multi-tissue regeneration potential of BMP-4 and activator drugs. Journal of Biomolecular Structure and Dynamics, 2022, , 1-16.	3.5	0
5	Neuroprotective response and efficacy of intravenous administration of mesenchymal stem cells in traumatic brain injury mice. European Journal of Neuroscience, 2021, 54, 4392-4407.	2.6	6
6	PU.1 Mimic Synthetic Peptides Selectively Bind with GATA-1 and Allow c-Jun PU.1 Binding to Enhance Myelopoiesis. International Journal of Nanomedicine, 2021, Volume 16, 3833-3859.	6.7	7
7	Interplay of reactive oxygen species (ROS) and tissue engineering: a review on clinical aspects of ROS-responsive biomaterials. Journal of Materials Science, 2021, 56, 16790-16823.	3.7	14
8	Survival genes expression analysis following ionizing radiation to LiCl treated KG1a cells. International Journal of Radiation Biology, 2020, 96, 671-688.	1.8	1
9	Pluronic-F127/Platelet Microvesicles nanocomplex delivers stem cells in high doses to the bone marrow and confers post-irradiation survival. Scientific Reports, 2020, 10, 156.	3.3	10
10	Analysis of molecular switch between leukocyte and substrate adhesion in bone marrow endothelial cells. Life Sciences, 2019, 238, 116981.	4.3	2
11	A Distinctive MRI-Based Absolute Bias Correction Protocol for the Potential Labelling and In Vivo Tracking of Stem Cells in a TBI Mice Model. Methods in Molecular Biology, 2019, 2150, 93-111.	0.9	2
12	Effects of iron oxide contrast agent in combination with various transfection agents during mesenchymal stem cells labelling: An in vitro toxicological evaluation. Toxicology in Vitro, 2018, 50, 179-189.	2.4	7
13	Hematopoietic Stem Cell Molecular Targets and Factors Essential for Hematopoiesis. Journal of Stem Cell Research & Therapy, 2018, 8, .	0.3	8
14	Stem cell factor and NSC87877 combine to enhance c-Kit mediated proliferation of human megakaryoblastic cells. PLoS ONE, 2018, 13, e0206364.	2.5	12
15	Homing and Tracking of Iron Oxide Labelled Mesenchymal Stem Cells After Infusion in Traumatic Brain Injury Mice: a Longitudinal In Vivo MRI Study. Stem Cell Reviews and Reports, 2018, 14, 888-900.	5.6	15
16	Biological effects of iron oxide-protamine sulfate complex on mesenchymal stem cells and its relaxometry based labeling optimization for cellular MRI. Experimental Cell Research, 2017, 351, 59-67.	2.6	13
17	Early monitoring and quantitative evaluation of macrophage infiltration after experimental traumatic brain injury: A magnetic resonance imaging and flow cytometric analysis. Molecular and Cellular Neurosciences, 2017, 78, 25-34.	2.2	32
18	Therapeutic Prospective of Infused Allogenic Cultured Mesenchymal Stem Cells in Traumatic Brain Injury Mice: A Longitudinal Proton Magnetic Resonance Spectroscopy Assessment. Stem Cells Translational Medicine, 2017, 6, 316-329.	3.3	15

#	Article	IF	Citations
19	Data Mining for Drug Repurposing and New Targets Identification for Radioprotection. Defence Life Science Journal, 2017, 2, 343.	0.3	3
20	Increased transverse relaxivity in ultrasmall superparamagnetic iron oxide nanoparticles used as MRI contrast agent for biomedical imaging. Contrast Media and Molecular Imaging, 2016, 11, 350-361.	0.8	40
21	Potential stem cell labeling ability of poly-L-lysine complexed to ultrasmall iron oxide contrast agent: An optimization and relaxometry study. Experimental Cell Research, 2015, 339, 427-436.	2.6	17
22	High Throughput Transcriptome Profiling of Lithium Stimulated Human Mesenchymal Stem Cells Reveals Priming towards Osteoblastic Lineage. PLoS ONE, 2013, 8, e55769.	2.5	55
23	High-Throughput Transcriptome Profiling Of Human Mesenchymal Stem Cells Reveals A Role For Wnt/GSK-3 Signaling In Their Hypoimmunomodulation. Nature Precedings, 2011, , .	0.1	2
24	Hematopoietic Stem Cell Transcription Factor PU.1 with Mutated $\beta 3/\beta 4$ Domain Selectively Elicits Myeloid Differentiation. Nature Precedings, 2010, , .	0.1	0
25	Stem Cell Antigen CD34 In Native And Engineered Form Alter Its Binding Ability To Stromal Cells And Ligands: A Classical Example Of Clinical Benefits Of Therapeutic Genetic Engineering Of Stem Cells In Transplantation. Nature Precedings, 2010, , .	0.1	0