# Gurudutta Gangenahalli

List of Publications by Year
in descending order



| 25 | 300 | 933447 10 | 888059 17 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 25 | 25 | 25 | 531 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | High Throughput Transcriptome Profiling of Lithium Stimulated Human Mesenchymal Stem Cells Reveals Priming towards Osteoblastic Lineage. PLoS ONE, 2013, 8, e55769. | 2.5 | 55 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Stem cell factor and NSC87877 combine to enhance c-Kit mediated proliferation of human megakaryoblastic cells. PLoS ONE, 2018, 13, e0206364. | 2.5 | 12 |
| 11 | 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 |
| 12 | Hematopoietic Stem Cell Molecular Targets and Factors Essential for Hematopoiesis. Journal of Stem Cell Research & Therapy, 2018, 8, . | 0.3 | 8 |
| 13 | 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 |
| 14 | 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 |
| 15 | Therapeutics effect of mesenchymal stromal cells in reactive oxygen species-induced damages. Human Cell, 2022, 35, 37-50. | 2.7 | 7 |
| 16 | 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 |
| 17 | Data Mining for Drug Repurposing and New Targets Identification for Radioprotection. Defence Life Science Journal, 2017, 2, 343. | 0.3 | 3 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Analysis of molecular switch between leukocyte and substrate adhesion in bone marrow endothelial cells. Life Sciences, 2019, 238, 116981. | 4.3 | 2 |
| 20 | 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 |
| 21 | Survival genes expression analysis following ionizing radiation to LiCl treated KG1a cells. International Journal of Radiation Biology, 2020, 96, 671-688. | 1.8 | 1 |
| 22 | Hematopoietic Stem Cell Transcription Factor PU.1 with Mutated Î²3/Î²4 Domain Selectively Elicits Myeloid Differentiation. Nature Precedings, 2010, , . | 0.1 | 0 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |