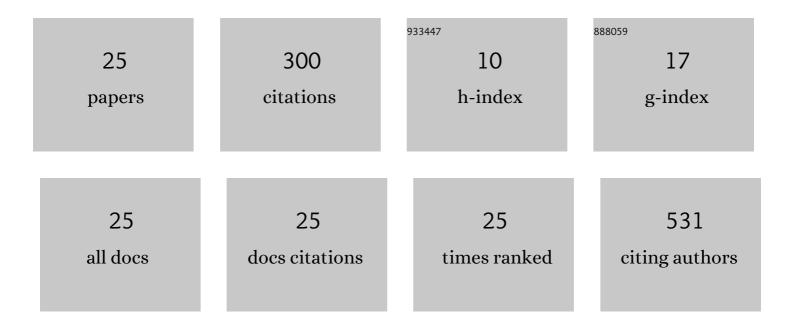
## Gurudutta Gangenahalli

List of Publications by Year in descending order

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#	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 β3/β4 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