

Hossein Nejadnik

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,155
citations

516710

16
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

4109
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron oxide nanoparticles inhibit tumour growth by inducing pro-inflammatory macrophage polarization in tumour tissues. <i>Nature Nanotechnology</i> , 2016, 11, 986-994.	31.5	1,223
2	Next-generation superparamagnetic iron oxide nanoparticles for cancer theranostics. <i>Drug Discovery Today</i> , 2017, 22, 1421-1429.	6.4	113
3	Improved Approach for Chondrogenic Differentiation of Human Induced Pluripotent Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 242-253.	5.6	99
4	Effect of Cell Sex on Uptake of Nanoparticles: The Overlooked Factor at the Nanobio Interface. <i>ACS Nano</i> , 2018, 12, 2253-2266.	14.6	87
5	Ferumoxytol: a new, clinically applicable label for stem-cell tracking in arthritic joints with MRI. <i>Nanomedicine</i> , 2013, 8, 1969-1983.	3.3	75
6	Nanoparticle enhanced MRI can monitor macrophage response to CD47 mAb immunotherapy in osteosarcoma. <i>Cell Death and Disease</i> , 2019, 10, 36.	6.3	72
7	Magnetic Resonance Imaging of Stem Cell Apoptosis in Arthritic Joints with a Caspase Activatable Contrast Agent. <i>ACS Nano</i> , 2015, 9, 1150-1160.	14.6	67
8	Iron Administration before Stem Cell Harvest Enables MR Imaging Tracking after Transplantation. <i>Radiology</i> , 2013, 269, 186-197.	7.3	62
9	Ferumoxytol Can Be Used for Quantitative Magnetic Particle Imaging of Transplanted Stem Cells. <i>Molecular Imaging and Biology</i> , 2019, 21, 465-472.	2.6	48
10	In vivo imaging of nanoparticle-labeled CAR T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	40
11	Tracking Stem Cell Implants in Cartilage Defects of Minipigs by Using Ferumoxytol-enhanced MRI. <i>Radiology</i> , 2019, 292, 129-137.	7.3	28
12	Somatic Differentiation and MR Imaging of Magnetically Labeled Human Embryonic Stem Cells. <i>Cell Transplantation</i> , 2012, 21, 2555-2567.	2.5	27
13	The Protein Corona around Nanoparticles Facilitates Stem Cell Labeling for Clinical MR Imaging. <i>Radiology</i> , 2018, 286, 938-947.	7.3	27
14	Detection of Stem Cell Transplant Rejection with Ferumoxytol MR Imaging: Correlation of MR Imaging Findings with Those at Intravital Microscopy. <i>Radiology</i> , 2017, 284, 495-507.	7.3	24
15	Tracking Cell Transplants in Femoral Osteonecrosis with Magnetic Resonance Imaging: A Proof-of-Concept Study in Patients. <i>Clinical Cancer Research</i> , 2018, 24, 6223-6229.	7.0	21
16	Macrophage phagocytosis alters the MRI signal of ferumoxytol-labeled mesenchymal stromal cells in cartilage defects. <i>Scientific Reports</i> , 2016, 6, 25897.	3.3	17
17	Instant labeling of therapeutic cells for multimodality imaging. <i>Theranostics</i> , 2020, 10, 6024-6034.	10.0	17
18	Magnetic Resonance Imaging and Tracking of Stem Cells. <i>Methods in Molecular Biology</i> , 2013, 1052, 167-176.	0.9	16

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19	Association of Tumor [18F]FDG Activity and Diffusion Restriction with Clinical Outcomes of Rhabdomyosarcomas. <i>Molecular Imaging and Biology</i> , 2019, 21, 591-598.	2.6	14
20	Tumor Formation of Adult Stem Cell Transplants in Rodent Arthritic Joints. <i>Molecular Imaging and Biology</i> , 2019, 21, 95-104.	2.6	12
21	MR Imaging Features of Gadofluorine-Labeled Matrix-Associated Stem Cell Implants in Cartilage Defects. <i>PLoS ONE</i> , 2012, 7, e49971.	2.5	10
22	Magnetic resonance imaging of stem cell-macrophage interactions with ferumoxytol and ferumoxytol-derived nanoparticles. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1552.	6.1	10
23	Ascorbic Acid and Iron Supplement Treatment Improves Stem Cell-Mediated Cartilage Regeneration in a Minipig Model. <i>American Journal of Sports Medicine</i> , 2021, 49, 1861-1870.	4.2	10
24	MR Imaging of Stem Cell Transplants in Arthritic Joints. <i>Journal of Stem Cell Research & Therapy</i> , 2014, 04, 165.	0.3	9
25	Ferumoxytol-based Dual-modality Imaging Probe for Detection of Stem Cell Transplant Rejection. <i>Nanotheranostics</i> , 2018, 2, 306-319.	5.2	8
26	Engineering stem cells for treatment of osteochondral defects. <i>Skeletal Radiology</i> , 2012, 41, 1-4.	2.0	7
27	Brain iron deposition after Ferumoxytol-enhanced MRI: A study of Porcine Brains. <i>Nanotheranostics</i> , 2020, 4, 195-200.	5.2	5
28	Can the biomolecular corona induce an allergic reaction? A proof-of-concept study. <i>Biointerphases</i> , 2021, 16, 011008.	1.6	5
29	Mechanoporation enables rapid and efficient radiolabeling of stem cells for PET imaging. <i>Scientific Reports</i> , 2022, 12, 2955.	3.3	2
30	Cover Image, Volume 11, Issue 4. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1572.	6.1	0