

Jack Sharkey

List of Publications by Year in descending order

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15
papers

418
citations

932766

10
h-index

996533

15
g-index

18
all docs

18
docs citations

18
times ranked

818
citing authors

#	ARTICLE	IF	CITATIONS
1	Preventing Plasmon Coupling between Gold Nanorods Improves the Sensitivity of Photoacoustic Detection of Labeled Stem Cells <i>in Vivo</i> . ACS Nano, 2016, 10, 7106-7116.	7.3	78
2	Non-invasive imaging reveals conditions that impact distribution and persistence of cells after in vivo administration. Stem Cell Research and Therapy, 2018, 9, 332.	2.4	66
3	Measures of kidney function by minimally invasive techniques correlate with histological glomerular damage in SCID mice with adriamycin-induced nephropathy. Scientific Reports, 2015, 5, 13601.	1.6	51
4	Functionalized superparamagnetic iron oxide nanoparticles provide highly efficient iron-labeling in macrophages for magnetic resonance-based detection in vivo. Cytotherapy, 2017, 19, 555-569.	0.3	44
5	Multimodal cell tracking from systemic administration to tumour growth by combining gold nanorods and reporter genes. ELife, 2018, 7, .	2.8	33
6	Assessing the Effectiveness of a Far-Red Fluorescent Reporter for Tracking Stem Cells In Vivo. International Journal of Molecular Sciences, 2018, 19, 19.	1.8	30
7	Multicolour In Vivo Bioluminescence Imaging Using a NanoLuc-Based BRET Reporter in Combination with Firefly Luciferase. Contrast Media and Molecular Imaging, 2018, 2018, 1-10.	0.4	26
8	Imaging technologies for monitoring the safety, efficacy and mechanisms of action of cell-based regenerative medicine therapies in models of kidney disease. European Journal of Pharmacology, 2016, 790, 74-82.	1.7	25
9	<i>In vivo</i> fate of free and encapsulated iron oxide nanoparticles after injection of labelled stem cells. Nanoscale Advances, 2019, 1, 367-377.	2.2	16
10	Measuring Kidney Perfusion, pH, and Renal Clearance Consecutively Using MRI and Multispectral Optoacoustic Tomography. Molecular Imaging and Biology, 2020, 22, 494-503.	1.3	13
11	Multimodal Imaging Techniques Show Differences in Homing Capacity Between Mesenchymal Stromal Cells and Macrophages in Mouse Renal Injury Models. Molecular Imaging and Biology, 2020, 22, 904-913.	1.3	10
12	A Noninvasive Imaging Toolbox Indicates Limited Therapeutic Potential of Conditionally Activated Macrophages in a Mouse Model of Multiple Organ Dysfunction. Stem Cells International, 2019, 2019, 1-13.	1.2	7
13	Perylene Diimide Nanoprobes for In Vivo Tracking of Mesenchymal Stromal Cells Using Photoacoustic Imaging. ACS Applied Materials & Interfaces, 2020, 12, 27930-27939.	4.0	5
14	Murine models of renal ischemia reperfusion injury: An opportunity for refinement using noninvasive monitoring methods. Physiological Reports, 2022, 10, e15211.	0.7	5
15	Assessing Tumour Haemodynamic Heterogeneity and Response to Choline Kinase Inhibition Using Clustered Dynamic Contrast Enhanced MRI Parameters in Rodent Models of Glioblastoma. Cancers, 2022, 14, 1223.	1.7	3