

Jack Sharkey

List of Publications by Year in descending order

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15
papers

418
citations

932766

10
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996533

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18
docs citations

18
times ranked

818
citing authors

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