

Tammy L Kalber

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,039
citations

516215

16
h-index

552369

26
g-index

26
all docs

26
docs citations

26
times ranked

2192
citing authors

#	ARTICLE	IF	CITATIONS
1	Image-Guided Magnetic Thermoseed Navigation and Tumor Ablation Using a Magnetic Resonance Imaging System. <i>Advanced Science</i> , 2022, , 2105333.	5.6	8
2	Remote and Selective Control of Astrocytes by Magnetomechanical Stimulation. <i>Advanced Science</i> , 2022, 9, e2104194.	5.6	12
3	Intratumoral IL-12 delivery empowers CAR-T cell immunotherapy in a pre-clinical model of glioblastoma. <i>Nature Communications</i> , 2021, 12, 444.	5.8	150
4	Potential of Magnetic Hyperthermia to Stimulate Localized Immune Activation. <i>Small</i> , 2021, 17, e2005241.	5.2	35
5	SARS-CoV-2 inhibition using a mucoadhesive, amphiphilic chitosan that may serve as an anti-viral nasal spray. <i>Scientific Reports</i> , 2021, 11, 20012.	1.6	31
6	Drug delivery, biodistribution and anti-EGFR activity: theragnostic nanoparticles for simultaneous <i>in vivo</i> delivery of tyrosine kinase inhibitors and kinase activity biosensors. <i>Nanoscale</i> , 2021, 13, 18520-18535.	2.8	6
7	Multi-modal imaging probe for assessing the efficiency of stem cell delivery to orthotopic breast tumours. <i>Nanoscale</i> , 2020, 12, 16570-16585.	2.8	14
8	Stem cell delivery to kidney via minimally invasive ultrasound-guided renal artery injection in mice. <i>Scientific Reports</i> , 2020, 10, 7514.	1.6	10
9	Radio-metal cross-linking of alginate hydrogels for non-invasive <i>in vivo</i> imaging. <i>Biomaterials</i> , 2020, 243, 119930.	5.7	29
10	Lung delivery of MSCs expressing anti-cancer protein TRAIL visualised with 89Zr-oxine PET-CT. <i>Stem Cell Research and Therapy</i> , 2020, 11, 256.	2.4	32
11	Surface radio-mineralisation mediates chelate-free radiolabelling of iron oxide nanoparticles. <i>Chemical Science</i> , 2019, 10, 2592-2597.	3.7	15
12	Monitoring neovascularization and integration of decellularized human scaffolds using photoacoustic imaging. <i>Photoacoustics</i> , 2019, 13, 76-84.	4.4	21
13	Chemically Treated 3D Printed Polymer Scaffolds for Biomineral Formation. <i>ACS Omega</i> , 2018, 3, 4342-4351.	1.6	24
14	Fucoidan Prolongs the Circulation Time of Dextran-Coated Iron Oxide Nanoparticles. <i>ACS Nano</i> , 2018, 12, 1156-1169.	7.3	82
15	Development of lipopolyplexes for gene delivery: A comparison of the effects of differing modes of targeting peptide display on the structure and transfection activities of lipopolyplexes. <i>Journal of Peptide Science</i> , 2018, 24, e3131.	0.8	11
16	Preclinical imaging methods for assessing the safety and efficacy of regenerative medicine therapies. <i>Npj Regenerative Medicine</i> , 2017, 2, 28.	2.5	47
17	Hyperthermia treatment of tumors by mesenchymal stem cell-delivered superparamagnetic iron oxide nanoparticles. <i>International Journal of Nanomedicine</i> , 2016, 11, 1973.	3.3	53
18	Magnetic hyperthermia controlled drug release in the GI tract: solving the problem of detection. <i>Scientific Reports</i> , 2016, 6, 34271.	1.6	23

#	ARTICLE	IF	CITATIONS
19	Flow-Based Single Cell Deposition for High-Throughput Screening of Protein Libraries. PLoS ONE, 2015, 10, e0140730.	1.1	3
20	Gold-silica quantum rattles for multimodal imaging and therapy. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1959-1964.	3.3	107
21	Macrophage Migration Inhibitory Factor-CXCR4 Is the Dominant Chemotactic Axis in Human Mesenchymal Stem Cell Recruitment to Tumors. Journal of Immunology, 2015, 194, 3463-3474.	0.4	126
22	Fluorescence-guided development of a tricistronic vector encoding bimodal optical and nuclear genetic reporters for in vivo cellular imaging. EJNMMI Research, 2015, 5, 18.	1.1	6
23	Advanced cell therapies: targeting, tracking and actuation of cells with magnetic particles. Regenerative Medicine, 2015, 10, 757-772.	0.8	65
24	Systemic but not topical TRAIL-expressing mesenchymal stem cells reduce tumour growth in malignant mesothelioma. Thorax, 2014, 69, 638-647.	2.7	58
25	Incorporation of paramagnetic, fluorescent and PET/SPECT contrast agents into liposomes for multimodal imaging. Biomaterials, 2013, 34, 1179-1192.	5.7	69
26	Primed Infusion with Delayed Equilibrium of Gd.DTPA for Enhanced Imaging of Small Pulmonary Metastases. PLoS ONE, 2013, 8, e54903.	1.1	2