

# Tammy L Kalber

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,039  
citations

516710

16  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intratumoral IL-12 delivery empowers CAR-T cell immunotherapy in a pre-clinical model of glioblastoma. <i>Nature Communications</i> , 2021, 12, 444.	12.8	150
2	Macrophage Migration Inhibitory Factor–CXCR4 Is the Dominant Chemotactic Axis in Human Mesenchymal Stem Cell Recruitment to Tumors. <i>Journal of Immunology</i> , 2015, 194, 3463-3474.	0.8	126
3	Gold–silica quantum rattles for multimodal imaging and therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1959-1964.	7.1	107
4	Fucoidan Prolongs the Circulation Time of Dextran-Coated Iron Oxide Nanoparticles. <i>ACS Nano</i> , 2018, 12, 1156-1169.	14.6	82
5	Incorporation of paramagnetic, fluorescent and PET/SPECT contrast agents into liposomes for multimodal imaging. <i>Biomaterials</i> , 2013, 34, 1179-1192.	11.4	69
6	Advanced cell therapies: targeting, tracking and actuation of cells with magnetic particles. <i>Regenerative Medicine</i> , 2015, 10, 757-772.	1.7	65
7	Systemic but not topical TRAIL-expressing mesenchymal stem cells reduce tumour growth in malignant mesothelioma. <i>Thorax</i> , 2014, 69, 638-647.	5.6	58
8	Hyperthermia treatment of tumors by mesenchymal stem cell-delivered superparamagnetic iron oxide nanoparticles. <i>International Journal of Nanomedicine</i> , 2016, 11, 1973.	6.7	53
9	Preclinical imaging methods for assessing the safety and efficacy of regenerative medicine therapies. <i>Npj Regenerative Medicine</i> , 2017, 2, 28.	5.2	47
10	Potential of Magnetic Hyperthermia to Stimulate Localized Immune Activation. <i>Small</i> , 2021, 17, e2005241.	10.0	35
11	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.	5.5	32
12	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.	3.3	31
13	Radio-metal cross-linking of alginate hydrogels for non-invasive in vivo imaging. <i>Biomaterials</i> , 2020, 243, 119930.	11.4	29
14	Chemically Treated 3D Printed Polymer Scaffolds for Biomineral Formation. <i>ACS Omega</i> , 2018, 3, 4342-4351.	3.5	24
15	Magnetic hyperthermia controlled drug release in the GI tract: solving the problem of detection. <i>Scientific Reports</i> , 2016, 6, 34271.	3.3	23
16	Monitoring neovascularization and integration of decellularized human scaffolds using photoacoustic imaging. <i>Photoacoustics</i> , 2019, 13, 76-84.	7.8	21
17	Surface radio-mineralisation mediates chelate-free radiolabelling of iron oxide nanoparticles. <i>Chemical Science</i> , 2019, 10, 2592-2597.	7.4	15
18	Multi-modal imaging probe for assessing the efficiency of stem cell delivery to orthotopic breast tumours. <i>Nanoscale</i> , 2020, 12, 16570-16585.	5.6	14

#	ARTICLE	IF	CITATIONS
19	Remote and Selective Control of Astrocytes by Magnetomechanical Stimulation. Advanced Science, 2022, 9, e2104194.	11.2	12
20	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. Journal of Peptide Science, 2018, 24, e3131.	1.4	11
21	Stem cell delivery to kidney via minimally invasive ultrasound-guided renal artery injection in mice. Scientific Reports, 2020, 10, 7514.	3.3	10
22	Imageâ€¢Guided Magnetic ThermoSeed Navigation and Tumor Ablation Using a Magnetic Resonance Imaging System. Advanced Science, 2022, , 2105333.	11.2	8
23	Fluorescence-guided development of a tricistronic vector encoding bimodal optical and nuclear genetic reporters for in vivo cellular imaging. EJNMMI Research, 2015, 5, 18.	2.5	6
24	Drug delivery, biodistribution and anti-EGFR activity: theragnostic nanoparticles for simultaneous<i>in vivo</i> delivery of tyrosine kinase inhibitors and kinase activity biosensors. Nanoscale, 2021, 13, 18520-18535.	5.6	6
25	Flow-Based Single Cell Deposition for High-Throughput Screening of Protein Libraries. PLoS ONE, 2015, 10, e0140730.	2.5	3
26	Primed Infusion with Delayed Equilibrium of Gd.DTPA for Enhanced Imaging of Small Pulmonary Metastases. PLoS ONE, 2013, 8, e54903.	2.5	2