

Lacey R McNally

List of Publications by Year in descending order

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47
papers

1,601
citations

304743

22
h-index

302126

39
g-index

49
all docs

49
docs citations

49
times ranked

2648
citing authors

#	ARTICLE	IF	CITATIONS
1	On the issue of transparency and reproducibility in nanomedicine. <i>Nature Nanotechnology</i> , 2019, 14, 629-635.	31.5	149
2	Squaraine Dyes: Molecular Design for Different Applications and Remaining Challenges. <i>Bioconjugate Chemistry</i> , 2020, 31, 194-213.	3.6	130
3	Dectin-1 Activation by a Natural Product β -Glucan Converts Immunosuppressive Macrophages into an M1-like Phenotype. <i>Journal of Immunology</i> , 2015, 195, 5055-5065.	0.8	129
4	Current and Emerging Clinical Applications of Multispectral Optoacoustic Tomography (MSOT) in Oncology. <i>Clinical Cancer Research</i> , 2016, 22, 3432-3439.	7.0	88
5	Identification of pancreatic tumors in vivo with ligand-targeted, pH responsive mesoporous silica nanoparticles by multispectral optoacoustic tomography. <i>Journal of Controlled Release</i> , 2016, 231, 60-67.	9.9	77
6	Acidic pH-Targeted Chitosan-Capped Mesoporous Silica Coated Gold Nanorods Facilitate Detection of Pancreatic Tumors via Multispectral Optoacoustic Tomography. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1108-1120.	5.2	65
7	Targeting Acidity in Pancreatic Adenocarcinoma: Multispectral Optoacoustic Tomography Detects pH-Low Insertion Peptide Probes <i>In Vivo</i> . <i>Clinical Cancer Research</i> , 2015, 21, 4576-4585.	7.0	62
8	KISS1 over-expression suppresses metastasis of pancreatic adenocarcinoma in a xenograft mouse model. <i>Clinical and Experimental Metastasis</i> , 2010, 27, 591-600.	3.3	60
9	Targeted Noninvasive Imaging of EGFR-Expressing Orthotopic Pancreatic Cancer Using Multispectral Optoacoustic Tomography. <i>Cancer Research</i> , 2014, 74, 6271-6279.	0.9	60
10	Inhibition of autophagy with chloroquine is effective in β -melanoma. <i>Journal of Surgical Research</i> , 2013, 184, 274-281.	1.6	53
11	Incidence and Survival Among Young Women With Stage III Breast Cancer: SEER 2000-2015. <i>JNCI Cancer Spectrum</i> , 2019, 3, pkz040.	2.9	53
12	Mesoporous Silica Nanoparticles: Properties and Strategies for Enhancing Clinical Effect. <i>Pharmaceutics</i> , 2021, 13, 570.	4.5	47
13	Optoacoustic imaging identifies ovarian cancer using a microenvironment targeted theranostic wormhole mesoporous silica nanoparticle. <i>Biomaterials</i> , 2018, 182, 114-126.	11.4	44
14	Small Molecule Optoacoustic Contrast Agents: An Unexplored Avenue for Enhancing In Vivo Imaging. <i>Molecules</i> , 2018, 23, 2766.	3.8	36
15	Analysing the nanoparticle-protein corona for potential molecular target identification. <i>Journal of Controlled Release</i> , 2020, 322, 122-136.	9.9	33
16	Decitabine, a DNA-demethylating agent, promotes differentiation via NOTCH1 signaling and alters immune-related pathways in muscle-invasive bladder cancer. <i>Cell Death and Disease</i> , 2017, 8, 3217.	6.3	30
17	Predictive Modeling of In Vivo Response to Gemcitabine in Pancreatic Cancer. <i>PLoS Computational Biology</i> , 2013, 9, e1003231.	3.2	28
18	Orthotopic pancreatic tumors detected by optoacoustic tomography using Syndecan-1. <i>Journal of Surgical Research</i> , 2015, 193, 246-254.	1.6	28

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19	Noninvasive Imaging of Colitis Using Multispectral Optoacoustic Tomography. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1009-1012.	5.0	28
20	Tumor targeted mesoporous silica-coated gold nanorods facilitate detection of pancreatic tumors using Multispectral optoacoustic tomography. <i>Nano Research</i> , 2015, 8, 3864-3877.	10.4	26
21	Temozolomide Enhances Triple-Negative Breast Cancer Virotherapy In Vitro. <i>Cancers</i> , 2018, 10, 144.	3.7	25
22	Development of Multispectral Optoacoustic Tomography as a Clinically Translatable Modality for Cancer Imaging. <i>Radiology Imaging Cancer</i> , 2020, 2, e200066.	1.6	25
23	Noninvasive Monitoring of mRFP1- and mCherry-Labeled Oncolytic Adenoviruses in an Orthotopic Breast Cancer Model by Spectral Imaging. <i>Molecular Imaging</i> , 2010, 9, 7290.2010.00003.	1.4	23
24	Tumor specific liposomes improve detection of pancreatic adenocarcinoma in vivo using optoacoustic tomography. <i>Journal of Nanobiotechnology</i> , 2015, 13, 90.	9.1	23
25	A light-fluence-independent method for the quantitative analysis of dynamic contrast-enhanced multispectral optoacoustic tomography (DCE MSOT). <i>Photoacoustics</i> , 2018, 10, 54-64.	7.8	21
26	Active Targeting Significantly Outperforms Nanoparticle Size in Facilitating Tumor-Specific Uptake in Orthotopic Pancreatic Cancer. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49614-49630.	8.0	21
27	In vivo tracking of orally-administered particles within the gastrointestinal tract of murine models using multispectral optoacoustic tomography. <i>Photoacoustics</i> , 2019, 13, 46-52.	7.8	20
28	Chloroquine-mediated cell death in metastatic pancreatic adenocarcinoma through inhibition of autophagy. <i>JOP: Journal of the Pancreas</i> , 2014, 15, 189-97.	1.5	19
29	Imaging Inflammation and Infection in the Gastrointestinal Tract. <i>International Journal of Molecular Sciences</i> , 2020, 21, 243.	4.1	17
30	Diabetes, Obesity, and Inflammation: Impact on Clinical and Radiographic Features of Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2757.	4.1	17
31	Noninvasive monitoring of mRFP1- and mCherry-labeled oncolytic adenoviruses in an orthotopic breast cancer model by spectral imaging. <i>Molecular Imaging</i> , 2010, 9, 59-75.	1.4	16
32	Nanotheranostics for Image-Guided Cancer Treatment. <i>Pharmaceutics</i> , 2022, 14, 917.	4.5	16
33	Actively Targeted Nanodelivery of Echinomycin Induces Autophagy-Mediated Death in Chemoresistant Pancreatic Cancer In Vivo. <i>Cancers</i> , 2020, 12, 2279.	3.7	14
34	Targeting Melanoma Hypoxia with the Food-Grade Lactic Acid Bacterium <i>Lactococcus Lactis</i> . <i>Cancers</i> , 2020, 12, 438.	3.7	13
35	The neutral red assay can be used to evaluate cell viability during autophagy or in an acidic microenvironment in vitro. <i>Biotechnic and Histochemistry</i> , 2021, 96, 302-310.	1.3	12
36	Lung Resistance-Related Protein (LRP) Expression in Malignant Ascitic Cells as a Prognostic Marker for Advanced Ovarian Serous Carcinoma. <i>Annals of Surgical Oncology</i> , 2013, 20, 3059-3065.	1.5	11

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37	Applying dynamic contrast enhanced MSOT imaging to intratumoral pharmacokinetic modeling. <i>Photoacoustics</i> , 2018, 11, 28-35.	7.8	11
38	Targeting of BRAF resistant melanoma via extracellular matrix metalloproteinase inducer receptor. <i>Journal of Surgical Research</i> , 2014, 190, 111-118.	1.6	10
39	Adenovirus-Mediated FKHRL1/TM Sensitizes Melanoma Cells to Apoptosis Induced by Temozolomide. <i>Human Gene Therapy Clinical Development</i> , 2014, 25, 186-195.	3.1	9
40	Improved pentamethine cyanine nanosensors for optoacoustic imaging of pancreatic cancer. <i>Scientific Reports</i> , 2021, 11, 4366.	3.3	9
41	Incidence and Survival by Human Epidermal Growth Factor Receptor 2 Status in Young Women With Stage I-III Breast Cancer: SEER, 2010-2016. <i>Clinical Breast Cancer</i> , 2020, 20, e410-e422.	2.4	8
42	Molecular Imaging of Inflammatory Disease. <i>Biomedicines</i> , 2021, 9, 152.	3.2	8
43	Toxicity Assessment of Mesoporous Silica Nanoparticles upon Intravenous Injection in Mice: Implications for Drug Delivery. <i>Pharmaceutics</i> , 2022, 14, 969.	4.5	8
44	Robust and Repeatable Biofabrication of Bacteria-Mediated Drug Delivery Systems: Effect of Conjugation Chemistry, Assembly Process Parameters, and Nanoparticle Size. <i>Advanced Intelligent Systems</i> , 2022, 4, 2100135.	6.1	6
45	A New Approach for Automated Image Segmentation of Organs at Risk in Cervical Cancer. <i>Radiology Imaging Cancer</i> , 2020, 2, e204010.	1.6	3
46	Differential expression of microRNA between triple negative breast cancer patients of African American and European American descent. <i>Biotechnic and Histochemistry</i> , 2022, 97, 1-10.	1.3	2
47	Treatment and Visualization of Pancreatic Ductal Adenocarcinoma through Actively Targeted Copper 64 Nanoparticles. <i>Radiology Imaging Cancer</i> , 2021, 3, e219005.	1.6	0