

Lacey R McNally

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,601
citations

304743

22
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302126

39
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49
all docs

49
docs citations

49
times ranked

2648
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Toxicity Assessment of Mesoporous Silica Nanoparticles upon Intravenous Injection in Mice: Implications for Drug Delivery. <i>Pharmaceutics</i> , 2022, 14, 969. | 4.5 | 8 |
| 4 | Nanotheranostics for Image-Guided Cancer Treatment. <i>Pharmaceutics</i> , 2022, 14, 917. | 4.5 | 16 |
| 5 | 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 |
| 6 | Molecular Imaging of Inflammatory Disease. <i>Biomedicines</i> , 2021, 9, 152. | 3.2 | 8 |
| 7 | Improved pentamethine cyanine nanosensors for optoacoustic imaging of pancreatic cancer. <i>Scientific Reports</i> , 2021, 11, 4366. | 3.3 | 9 |
| 8 | Treatment and Visualization of Pancreatic Ductal Adenocarcinoma through Actively Targeted Copper 64 Nanoparticles. <i>Radiology Imaging Cancer</i> , 2021, 3, e219005. | 1.6 | 0 |
| 9 | 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 |
| 10 | Mesoporous Silica Nanoparticles: Properties and Strategies for Enhancing Clinical Effect. <i>Pharmaceutics</i> , 2021, 13, 570. | 4.5 | 47 |
| 11 | 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 |
| 12 | Squaraine Dyes: Molecular Design for Different Applications and Remaining Challenges. <i>Bioconjugate Chemistry</i> , 2020, 31, 194-213. | 3.6 | 130 |
| 13 | Imaging Inflammation and Infection in the Gastrointestinal Tract. <i>International Journal of Molecular Sciences</i> , 2020, 21, 243. | 4.1 | 17 |
| 14 | Actively Targeted Nanodelivery of Echinomycin Induces Autophagy-Mediated Death in Chemoresistant Pancreatic Cancer In Vivo. <i>Cancers</i> , 2020, 12, 2279. | 3.7 | 14 |
| 15 | 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 |
| 16 | Analysing the nanoparticle-protein corona for potential molecular target identification. <i>Journal of Controlled Release</i> , 2020, 322, 122-136. | 9.9 | 33 |
| 17 | Targeting Melanoma Hypoxia with the Food-Grade Lactic Acid Bacterium <i>Lactococcus Lactis</i> . <i>Cancers</i> , 2020, 12, 438. | 3.7 | 13 |
| 18 | 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 |

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|----|--|------|-----------|
| 19 | Development of Multispectral Optoacoustic Tomography as a Clinically Translatable Modality for Cancer Imaging. <i>Radiology Imaging Cancer</i> , 2020, 2, e200066. | 1.6 | 25 |
| 20 | 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 |
| 21 | On the issue of transparency and reproducibility in nanomedicine. <i>Nature Nanotechnology</i> , 2019, 14, 629-635. | 31.5 | 149 |
| 22 | 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 |
| 23 | Small Molecule Optoacoustic Contrast Agents: An Unexplored Avenue for Enhancing In Vivo Imaging. <i>Molecules</i> , 2018, 23, 2766. | 3.8 | 36 |
| 24 | 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 |
| 25 | Optoacoustic imaging identifies ovarian cancer using a microenvironment targeted theranostic wormhole mesoporous silica nanoparticle. <i>Biomaterials</i> , 2018, 182, 114-126. | 11.4 | 44 |
| 26 | Temozolomide Enhances Triple-Negative Breast Cancer Virotherapy In Vitro. <i>Cancers</i> , 2018, 10, 144. | 3.7 | 25 |
| 27 | Applying dynamic contrast enhanced MSOT imaging to intratumoral pharmacokinetic modeling. <i>Photoacoustics</i> , 2018, 11, 28-35. | 7.8 | 11 |
| 28 | Noninvasive Imaging of Colitis Using Multispectral Optoacoustic Tomography. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1009-1012. | 5.0 | 28 |
| 29 | 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 |
| 30 | Current and Emerging Clinical Applications of Multispectral Optoacoustic Tomography (MSOT) in Oncology. <i>Clinical Cancer Research</i> , 2016, 22, 3432-3439. | 7.0 | 88 |
| 31 | 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 |
| 32 | 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 |
| 33 | Tumor specific liposomes improve detection of pancreatic adenocarcinoma in vivo using optoacoustic tomography. <i>Journal of Nanobiotechnology</i> , 2015, 13, 90. | 9.1 | 23 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | Orthotopic pancreatic tumors detected by optoacoustic tomography using Syndecan-1. <i>Journal of Surgical Research</i> , 2015, 193, 246-254. | 1.6 | 28 |
| 38 | Targeted Noninvasive Imaging of EGFR-Expressing Orthotopic Pancreatic Cancer Using Multispectral Optoacoustic Tomography. <i>Cancer Research</i> , 2014, 74, 6271-6279. | 0.9 | 60 |
| 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 | Targeting of BRAF resistant melanoma via extracellular matrix metalloproteinase inducer receptor. <i>Journal of Surgical Research</i> , 2014, 190, 111-118. | 1.6 | 10 |
| 41 | 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 |
| 42 | 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 |
| 43 | Inhibition of autophagy with chloroquine is effective in melanoma. <i>Journal of Surgical Research</i> , 2013, 184, 274-281. | 1.6 | 53 |
| 44 | Predictive Modeling of In Vivo Response to Gemcitabine in Pancreatic Cancer. <i>PLoS Computational Biology</i> , 2013, 9, e1003231. | 3.2 | 28 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |