

Hannah P Luehmann

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Câ€“Xâ€“C Chemokine Receptor Type 4-Targeted Imaging in Glioblastoma Multiforme Using ⁶⁴ Cu-Radiolabeled Ultrasmall Gold Nanoclusters. ACS Applied Bio Materials, 2022, 5, 235-242.	4.6	3
2	Targeted PET Imaging of Chemokine Receptor 2â€“Positive Monocytes and Macrophages in the Injured Heart. Journal of Nuclear Medicine, 2021, 62, 111-114.	5.0	31
3	Chemokine Receptor 2 Targeted Gold Nanocluster Imaging Triple Negative Breast Cancer with Positron Emission Tomography. Particle and Particle Systems Characterization, 2021, 38, 2000287.	2.3	2
4	CC Chemokine Receptor 2-Targeting Copper Nanoparticles for Positron Emission Tomography-Guided Delivery of Gemcitabine for Pancreatic Ductal Adenocarcinoma. ACS Nano, 2021, 15, 1186-1198.	14.6	32
5	CXCR4-Binding Positron Emission Tomography Tracers Link Monocyte Recruitment and Endothelial Injury in Murine Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 822-836.	2.4	13
6	CC Chemokine Receptor 5 Targeted Nanoparticles Imaging the Progression and Regression of Atherosclerosis Using Positron Emission Tomography/Computed Tomography. Molecular Pharmaceutics, 2021, 18, 1386-1396.	4.6	15
7	Ultrasmall Nanoclusters: Synthesis and Applications as an Emerging Platform for Imaging and Therapy. Current Analytical Chemistry, 2021, 17, 287-301.	1.2	1
8	Assessment of ultrasmall nanocluster for early and accurate detection of atherosclerosis using positron emission tomography/computed tomography. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 36, 102416.	3.3	5
9	Resident cardiac macrophages mediate adaptive myocardial remodeling. Immunity, 2021, 54, 2072-2088.e7.	14.3	76
10	Brown adipose tissue monocytes support tissue expansion. Nature Communications, 2021, 12, 5255.	12.8	23
11	Magnetic Resonance Imaging-Guided Focused Ultrasound-Based Delivery of Radiolabeled Copper Nanoclusters to Diffuse Intrinsic Pontine Glioma. ACS Applied Nano Materials, 2020, 3, 11129-11134.	5.0	17
12	Molecular Imaging Visualizes Recruitment of Inflammatory Monocytes and Macrophages to the Injured Heart. Circulation Research, 2019, 124, 881-890.	4.5	94
13	Assessment of Copper Nanoclusters for Accurate in Vivo Tumor Imaging and Potential for Translation. ACS Applied Materials & Interfaces, 2019, 11, 19669-19678.	8.0	37
14	Focused ultrasound-enabled delivery of radiolabeled nanoclusters to the pons. Journal of Controlled Release, 2018, 283, 143-150.	9.9	45
15	Focused Ultrasound Enabled Transâ€“Blood Brain Barrier Delivery of Gold Nanoclusters: Effect of Surface Charges and Quantification Using Positron Emission Tomography. Small, 2018, 14, e1703115.	10.0	29
16	Melanocortin 1 Receptor Targeted Imaging of Melanoma With Gold Nanocages and Positron Emission Tomography. Molecular Imaging, 2018, 17, 153601211877582.	1.4	17
17	PET-based Imaging of Chemokine Receptor 2 in Experimental and Disease-related Lung Inflammation. Radiology, 2017, 283, 758-768.	7.3	44
18	First-in-Man Evaluation of ¹²⁴ I-PGN650: A PET Tracer for Detecting Phosphatidylserine as a Biomarker of the Solid Tumor Microenvironment. Molecular Imaging, 2017, 16, 153601211773334.	1.4	12

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19	Thermoneutrality but Not UCP1 Deficiency Suppresses Monocyte Mobilization Into Blood. <i>Circulation Research</i> , 2017, 121, 662-676.	4.5	37
20	Facile Synthesis of ⁶⁴ Cu-Doped Au Nanocages for Positron Emission Tomography Imaging. <i>ChemNanoMat</i> , 2017, 3, 44-50.	2.8	16
21	Gold Nanoclusters Doped with ⁶⁴ Cu for CXCR4 Positron Emission Tomography Imaging of Breast Cancer and Metastasis. <i>ACS Nano</i> , 2016, 10, 5959-5970.	14.6	71
22	Gold Nanoparticles Doped with ¹⁹⁹ Au Atoms and Their Use for Targeted Cancer Imaging by SPECT. <i>Advanced Healthcare Materials</i> , 2016, 5, 928-935.	7.6	58
23	⁶⁴ Cu-Doped PdCu@Au Tripods: A Multifunctional Nanomaterial for Positron Emission Tomography and Image-Guided Photothermal Cancer Treatment. <i>ACS Nano</i> , 2016, 10, 3121-3131.	14.6	96