Hannah P Luehmann

List of Publications by Year
in descending order

23 papers	774 citations	516710 16 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	1384 citing authors

#	Article	IF	Citations
1	^{64}Cu-Doped PdCu@Au Tripods: A Multifunctional Nanomaterial for Positron Emission Tomography and Image-Guided Photothermal Cancer Treatment. ACS Nano, 2016, 10, 3121-3131.	14.6	96
2	Molecular Imaging Visualizes Recruitment of Inflammatory Monocytes and Macrophages to the Injured Heart. Circulation Research, 2019, 124, 881-890.	4.5	94
3	Resident cardiac macrophages mediate adaptive myocardial remodeling. Immunity, 2021, 54, 2072-2088.e7.	14.3	76
4	Gold Nanoclusters Doped with ^{64}Cu for CXCR4 Positron Emission Tomography Imaging of Breast Cancer and Metastasis. ACS Nano, 2016, 10, 5959-5970.	14.6	71
5	Gold Nanoparticles Doped with ^{199}Au Atoms and Their Use for Targeted Cancer Imaging by SPECT. Advanced Healthcare Materials, 2016, 5, 928-935.	7.6	58
6	Focused ultrasound-enabled delivery of radiolabeled nanoclusters to the pons. Journal of Controlled Release, 2018, 283, 143-150.	9.9	45
7	PET-based Imaging of Chemokine Receptor 2 in Experimental and Disease-related Lung Inflammation. Radiology, 2017, 283, 758-768.	7.3	44
8	Thermoneutrality but Not UCP1 Deficiency Suppresses Monocyte Mobilization Into Blood. Circulation Research, 2017, 121, 662-676.	4.5	37
9	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
10	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
11	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
12	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
13	Brown adipose tissue monocytes support tissue expansion. Nature Communications, 2021, 12, 5255.	12.8	23
14	Melanocortin 1 Receptor Targeted Imaging of Melanoma With Gold Nanocages and Positron Emission Tomography. Molecular Imaging, 2018, 17, 1536012118775821.	1.4	17
15	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
16	Facile Synthesis of ^{64}Cuâ€Doped Au Nanocages for Positron Emission Tomography Imaging. ChemNanoMat, 2017, 3, 44-50.	2.8	16
17	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
18	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

#	Article	IF	Citations
19	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
20	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
21	C–X–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
22	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
23	Ultrasmall Nanoclusters: Synthesis and Applications as an Emerging Platform for Imaging and Therapy. Current Analytical Chemistry, 2021, 17, 287-301.	1.2	1