Deborah Sultan

List of Publications by Year
in descending order

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Version: 2024-02-01

26	883	516710 16	552781 26
papers	citations	h-index	g-index

28	28	28	1360
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Copperâ€64â€Alloyed Gold Nanoparticles for Cancer Imaging: Improved Radiolabel Stability and Diagnostic Accuracy. Angewandte Chemie - International Edition, 2014, 53, 156-159.	13.8	129
2	Molecular Imaging Visualizes Recruitment of Inflammatory Monocytes and Macrophages to the Injured Heart. Circulation Research, 2019, 124, 881-890.	4.5	94
3	Facile synthesis, pharmacokinetic and systemic clearance evaluation, and positron emission tomography cancer imaging of⁶⁴Cuâ€“Au alloy nanoclusters. Nanoscale, 2014, 6, 13501-13509.	5.6	76
4	Gold Nanoclusters Doped with ⁶⁴Cu 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 ¹⁹⁹Au 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	Visualization of Monocytic Cells in Regressing Atherosclerotic Plaques by Intravital 2-Photon and Positron Emission Tomographyâ€“Based Imagingâ€”Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1030-1036.	2.4	37
8	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
9	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
10	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
11	CCR2 Positron Emission Tomography for the Assessment of Abdominal Aortic Aneurysm Inflammation and Rupture Prediction. Circulation: Cardiovascular Imaging, 2020, 13, e009889.	2.6	28
12	Assessment of Targeted Nanoparticle Assemblies for Atherosclerosis Imaging with Positron Emission Tomography and Potential for Clinical Translation. ACS Applied Materials & Interfaces, 2019, 11, 15316-15321.	8.0	19
13	Melanocortin 1 Receptor Targeted Imaging of Melanoma With Gold Nanocages and Positron Emission Tomography. Molecular Imaging, 2018, 17, 153601211877582.	1.4	17
14	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
15	Facile Synthesis of ⁶⁴Cuâ€Doped Au Nanocages for Positron Emission Tomography Imaging. ChemNanoMat, 2017, 3, 44-50.	2.8	16
16	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
17	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
18	First-in-Man Evaluation of ¹²⁴I-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	Biodistribution, Excretion, and Toxicity of Nanoparticles. , 2019, , 27-53.		12
20	Recent Advances of Radionuclide-Based Molecular Imaging of Atherosclerosis. Current Pharmaceutical Design, 2015, 21, 5267-5276.	1.9	10
21	Current and novel radiopharmaceuticals for imaging cardiovascular inflammation. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2020, 64, 4-20.	0.7	10
22	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
23	Câ€“Xâ€“C Chemokine Receptor Type 4-Targeted Imaging in Glioblastoma Multiforme Using ⁶⁴Cu-Radiolabeled Ultrasmall Gold Nanoclusters. ACS Applied Bio Materials, 2022, 5, 235-242.	4.6	3
24	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
25	The Latest Advances in Imaging Crosstalk Between the Immune System and Fibrosis in Cardiovascular Disease. Journal of Nuclear Medicine, 2021, 62, 1341-1346.	5.0	2
26	Ultrasmall Nanoclusters: Synthesis and Applications as an Emerging Platform for Imaging and Therapy. Current Analytical Chemistry, 2021, 17, 287-301.	1.2	1