

Lee Josephson

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,813
citations

393982

19
h-index

301761

39
g-index

40
all docs

40
docs citations

40
times ranked

3969
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments on PET radiotracers for TSPO and their applications in neuroimaging. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 373-393.	5.7	82
2	<i>In Vitro</i> Evaluation of [³ H]CPPC as a Tool Radioligand for CSF-1R. <i>ACS Chemical Neuroscience</i> , 2021, 12, 998-1006.	1.7	19
3	Development of a highly-specific ¹⁸ F-labeled irreversible positron emission tomography tracer for monoacylglycerol lipase mapping. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1686-1695.	5.7	10
4	Imaging Autotaxin In Vivo with ¹⁸ F-Labeled Positron Emission Tomography Ligands. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15053-15068.	2.9	4
5	The Repertoire of Small-Molecule PET Probes for Neuroinflammation Imaging: Challenges and Opportunities beyond TSPO. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17656-17689.	2.9	28
6	Synthesis and evaluation of 6-(¹¹ C-methyl(4-(pyridin-2-yl)thiazol-2-yl)amino)benzo[d]thiazol-2(3H)-one for imaging β -8 dependent transmembrane AMPA receptor regulatory protein by PET. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126879.	1.0	2
7	Positron annihilation localization by nanoscale magnetization. <i>Scientific Reports</i> , 2020, 10, 20262.	1.6	2
8	[¹⁸ F]-Alfatide PET imaging of integrin α _v β ₃ for the non-invasive quantification of liver fibrosis. <i>Journal of Hepatology</i> , 2020, 73, 161-169.	1.8	17
9	A Radio-Nano-Platform for T1/T2 Dual-Mode PET-MR Imaging. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1253-1266.	3.3	10
10	A Chelate-Free Nano-Platform for Incorporation of Diagnostic and Therapeutic Isotopes. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 31-47.	3.3	9
11	Synthesis and pharmacokinetic study of a ¹¹ C-labeled cholesterol 24-hydroxylase inhibitor using α -in-loop™ [¹¹ C]CO ₂ fixation method. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127068.	1.0	6
12	Chemistry for Positron Emission Tomography: Recent Advances in ¹¹ C, ¹⁸ F, ¹³ N, and ¹⁵ O Labeling Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2580-2605.	7.2	216
13	Design, Synthesis, and Evaluation of ¹⁸ F-Labeled Monoacylglycerol Lipase Inhibitors as Novel Positron Emission Tomography Probes. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8866-8872.	2.9	22
14	Design, Synthesis, and Evaluation of Reversible and Irreversible Monoacylglycerol Lipase Positron Emission Tomography (PET) Tracers Using a "Tail Switching" Strategy on a Piperazinyl Azetidine Skeleton. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3336-3353.	2.9	28
15	Heat-induced radiolabeling and fluorescence labeling of Feraheme nanoparticles for PET/SPECT imaging and flow cytometry. <i>Nature Protocols</i> , 2018, 13, 392-412.	5.5	39
16	Multiplexed Optical Imaging of Energy Substrates Reveals That Left Ventricular Hypertrophy Is Associated With Brown Adipose Tissue Activation. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007007.	1.3	5
17	Emerging PET Radiotracers and Targets for Imaging of Neuroinflammation in Neurodegenerative Diseases: Outlook Beyond TSPO. <i>Molecular Imaging</i> , 2018, 17, 153601211879231.	0.7	158
18	Synthesis, pharmacology and preclinical evaluation of ¹¹ C-labeled 1,3-dihydro-2H-benzo[d]imidazole-2-ones for imaging β -8-dependent transmembrane AMPA receptor regulatory protein. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 898-908.	2.6	18

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19	An Integrin-Targeted, Highly Diffusive Construct for Photodynamic Therapy. <i>Scientific Reports</i> , 2017, 7, 13375.	1.6	14
20	Heat-induced-radiolabeling and click chemistry: A powerful combination for generating multifunctional nanomaterials. <i>PLoS ONE</i> , 2017, 12, e0172722.	1.1	14
21	Theranostic Nucleic Acid Binding Nanoprobe Exerts Anti-inflammatory and Cytoprotective Effects in Ischemic Injury. <i>Theranostics</i> , 2017, 7, 814-825.	4.6	21
22	Heat-Induced Radiolabeling of Nanoparticles for Monocyte Tracking by PET. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13002-13006.	7.2	29
23	Effects of ferumoxytol on quantitative PET measurements in simultaneous PET/MR whole-body imaging: a pilot study in a baboon model. <i>EJNMMI Physics</i> , 2015, 2, 6.	1.3	10
24	Chelate-free metal ion binding and heat-induced radiolabeling of iron oxide nanoparticles. <i>Chemical Science</i> , 2015, 6, 225-236.	3.7	107
25	PEG-Like Nanoproboscopes: Multimodal, Pharmacokinetically and Optically Tunable Nanomaterials. <i>PLoS ONE</i> , 2014, 9, e95406.	1.1	3
26	Fluorescent Nanoparticle Imaging Allows Noninvasive Evaluation of Immune Cell Modulation in Esophageal Dysplasia. <i>Molecular Imaging</i> , 2014, 13, 7290.2014.00003.	0.7	12
27	U-SPECT-BioFluo: an integrated radionuclide, bioluminescence, and fluorescence imaging platform. <i>EJNMMI Research</i> , 2014, 4, 56.	1.1	16
28	Environment-responsive nanophores for therapy and treatment monitoring via molecular MRI quenching. <i>Nature Communications</i> , 2014, 5, 3384.	5.8	92
29	Barriers to Clinical Translation with Diagnostic Drugs. <i>Journal of Nuclear Medicine</i> , 2013, 54, 329-332.	2.8	24
30	“Clickable” Nanoparticles for Targeted Imaging. <i>Molecular Imaging</i> , 2006, 5, 7290.2006.00013.	0.7	62
31	Peroxidase Substrate Nanosensors for MR Imaging. <i>Nano Letters</i> , 2004, 4, 119-122.	4.5	130
32	Magnetic Sensors for Protease Assays. <i>Angewandte Chemie</i> , 2003, 115, 1413-1416.	1.6	32
33	Pan and Sentinel Lymph Node Visualization Using a Near-Infrared Fluorescent Probe. <i>Molecular Imaging</i> , 2003, 2, 153535002003021.	0.7	6
34	The Development of Non-Radiative Probes for In Vivo Applications. , 2003, , .		0
35	Detection of lymph node metastases by contrast-enhanced MRI in an experimental model. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 292-297.	1.9	79
36	Near-Infrared Fluorescent Nanoparticles as Combined MR/Optical Imaging Probes. <i>Bioconjugate Chemistry</i> , 2002, 13, 554-560.	1.8	368

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37	Improvement of MRI Probes To Allow Efficient Detection of Gene Expression. <i>Bioconjugate Chemistry</i> , 2000, 11, 941-946.	1.8	256
38	High-Efficiency Intracellular Magnetic Labeling with Novel Superparamagnetic-Tat Peptide Conjugates. <i>Bioconjugate Chemistry</i> , 1999, 10, 186-191.	1.8	861