Xiang-Guo Li

List of Publications by Year
in descending order

48 papers	775 citations	567281 15 h-index	552781 26 g-index
52 all docs	52 docs citations	52 times ranked	1075 citing authors

#	Article	IF	Citations
1	Enantioselective additions of diphenylzinc to aldehydes using chiral pyrrolidinylmethanol derivatives as catalysts. Tetrahedron: Asymmetry, 2001, 12, 399-403.	1.8	62
2	A New Highly Reactive and Low Lipophilicity Fluorine-18 Labeled Tetrazine Derivative for Pretargeted PET Imaging. ACS Medicinal Chemistry Letters, 2016, 7, 62-66.	2.8	50
3	Comparison of Somatostatin Receptor 2-Targeting PET Tracers in the Detection of Mouse Atherosclerotic Plaques. Molecular Imaging and Biology, 2016, 18, 99-108.	2.6	48
4	Oxime formation for fluorine-18 labeling of peptides and proteins for positron emission tomography (PET) imaging: A review. Journal of Fluorine Chemistry, 2012, 143, 49-56.	1.7	40
5	[18F]-5-Fluoro-5-deoxyribose, an efficient peptide bioconjugation ligand for positron emission tomography (PET) imaging. Chemical Communications, 2012, 48, 5247.	4.1	39
6	18-kDa translocator protein ligand 18F-FEMPA: Biodistribution and uptake into atherosclerotic plaques in mice. Journal of Nuclear Cardiology, 2017, 24, 862-871.	2.1	39
7	Aluminum fluoride-18 labeled folate enables in vivo detection of atherosclerotic plaque inflammation by positron emission tomography. Scientific Reports, 2018, 8, 9720.	3.3	39
8	Translating the concept of peptidelabeling with 5-deoxy-5-[¹⁸F]fluororibose into preclinical practice: ¹⁸F-labeling of Siglec-9 peptide for PET imaging of inflammation. Chemical Communications, 2013, 49, 3682-3684.	4.1	33
9	Lipases in Î²-Dipeptide Synthesis in Organic Solvents. Organic Letters, 2006, 8, 5593-5596.	4.6	32
10	Folate Receptor Î²â€“Targeted PET Imaging of Macrophages in Autoimmune Myocarditis. Journal of Nuclear Medicine, 2020, 61, 1643-1649.	5.0	31
11	Lipase-Involved Strategy to the Enantiomers of 4-Benzyl-Î²-Lactam as a Key Intermediate in the Preparation of Î²-Phenylalanine Derivatives. Advanced Synthesis and Catalysis, 2006, 348, 197-205.	4.3	27
12	Fluorinase mediated chemoenzymatic synthesis of [18F]-fluoroacetate. Chemical Communications, 2010, 46, 7819.	4.1	27
13	Burkholderia cepacia lipase and activated Î²-lactams in Î²-dipeptide and Î²-amino amide synthesis. Tetrahedron: Asymmetry, 2008, 19, 1857-1861.	1.8	26
14	Enantioselective acylation of alcohols with fluorinated Î²-phenyl-Î²-lactams in the presence of Burkholderia cepacia lipase. Tetrahedron: Asymmetry, 2007, 18, 1567-1573.	1.8	25
15	Using 5-deoxy-5-[18F]fluororibose to glycosylate peptides for positron emission tomography. Nature Protocols, 2014, 9, 138-145.	12.0	22
16	Enabling [¹⁸F]-bicyclo[6.1.0]nonyne for oligonucleotide conjugation for positron emission tomography applications: [¹⁸F]-anti-microRNA-21 as an example. Chemical Communications, 2015, 51, 9821-9824.	4.1	16
17	(2S, 4R)-4-[18F]Fluoroglutamine for In vivo PET Imaging of Glioma Xenografts in Mice: an Evaluation of Multiple Pharmacokinetic Models. Molecular Imaging and Biology, 2020, 22, 969-978.	2.6	16
18	Extrasynaptic Î´â€<scp>GABA_A</scp> receptors are highâ€affinity muscimol receptors. Journal of Neurochemistry, 2019, 149, 41-53.	3.9	15

#	Article	IF	Citations
19	Chemoenzymatic preparation of the enantiomers of Î²-tryptophan ethyl ester and the Î²-amino nitrile analogue. Tetrahedron: Asymmetry, 2005, 16, 1709-1714.	1.8	13
20	Enzymatic synthesis of carnosine derivatives catalysed by Burkholderia cepacia lipase. Tetrahedron: Asymmetry, 2009, 20, 1641-1645.	1.8	13
21	Evaluation of [68Ga]Ga-DOTA-TCTP-1 for the Detection of Metalloproteinase 2/9 Expression in Mouse Atherosclerotic Plaques. Molecules, 2018, 23, 3168.	3.8	13
22	First-in-Humans Study of ⁶⁸Ga-DOTA-Siglec-9, a PET Ligand Targeting Vascular Adhesion Protein 1. Journal of Nuclear Medicine, 2021, 62, 577-583.	5.0	13
23	Glucagon-like peptide-1 receptor expression after myocardial infarction: Imaging study using 68Ga-NODAGA-exendin-4 positron emission tomography. Journal of Nuclear Cardiology, 2020, 27, 2386-2397.	2.1	12
24	Chemoenzymatic preparation of fluorine-substituted Î²-lactam enantiomers exploiting Burkholderia cepacia lipase. Tetrahedron: Asymmetry, 2007, 18, 2468-2472.	1.8	11
25	18F-Labeling of Mannan for Inflammation Research with Positron Emission Tomography. ACS Medicinal Chemistry Letters, 2016, 7, 826-830.	2.8	11
26	Folate receptor-targeted positron emission tomography of experimental autoimmune encephalomyelitis in rats. Journal of Neuroinflammation, 2019, 16, 252.	7.2	10
27	Radiosynthesis and preclinical evaluation of [68Ga]Ga-NOTA-folate for PET imaging of folate receptor Î²-positive macrophages. Scientific Reports, 2020, 10, 13593.	3.3	10
28	Evaluation of 68Ga-labeled peptide tracer for detection of gelatinase expression after myocardial infarction in rat. Journal of Nuclear Cardiology, 2018, 25, 1114-1123.	2.1	9
29	New biocatalytic route for the production of enantioenriched Î²-alanine derivatives starting from 5- and 6-monosubstituted dihydrouracils. Process Biochemistry, 2012, 47, 2090-2096.	3.7	8
30	Comparison of 68Ga-DOTA-Siglec-9 and 18F-Fluorodeoxyribose-Siglec-9: Inflammation Imaging and Radiation Dosimetry. Contrast Media and Molecular Imaging, 2017, 2017, 1-10.	0.8	7
31	Exploring Alternative Radiolabeling Strategies for Sialic Acid-Binding Immunoglobulin-Like Lectin 9 Peptide: [68Ga]Ga- and [18F]AlF-NOTA-Siglec-9. Molecules, 2018, 23, 305.	3.8	7
32	Rapid spread of mannan to the immune system, skin and joints within 6 hours after local exposure. Clinical and Experimental Immunology, 2019, 196, 383-391.	2.6	7
33	Candida antarctica Lipase B in a Chemoenzymatic Route to Cyclic Î±â€Quaternary Î±â€Amino Acid Enantiomers. European Journal of Organic Chemistry, 2011, 2011, 1755-1762.	2.4	6
34	Efficacy and tolerability of folate-aminopterin therapy in a rat focal model of multiple sclerosis. Journal of Neuroinflammation, 2021, 18, 30.	7.2	6
35	Feasibility of experimental BT4C glioma models for somatostatin receptor 2-targeted therapies. Acta OncolÃ³gica, 2014, 53, 1125-1134.	1.8	5
36	Adventures in radiosynthesis of clinical grade [⁶⁸Ga]Ga-DOTA-Siglec-9. RSC Advances, 2018, 8, 8051-8056.	3.6	5

#	ARTICLE	IF	CITATIONS
37	Evaluation of glucagon-like peptide-1 receptor expression in nondiabetic and diabetic atherosclerotic mice using PET tracer ⁶⁸Ga-NODAGA-exendin-4. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E989-E998.	3.5	5
38	Candida antarctica Lipase A-Based Enantiorecognition of a Highly Strained 4-Dibenzocyclooctynol (DIBO) Used for PET Imaging. Molecules, 2020, 25, 879.	3.8	4
39	Enantioselective Copper-catalysed Conjugate Addition of Diphenylzinc to Cyclohexenone. Letters in Organic Chemistry, 2005, 2, 65-67.	0.5	3
40	Comparison of: (2S,4R)-4-[18F]Fluoroglutamine, [11C]Methionine, and 2-Deoxy-2-[18F]Fluoro-D-Glucose and Two Small-Animal PET/CT Systems Imaging Rat Gliomas. Frontiers in Oncology, 2021, 11, 730358.	2.8	3
41	Evaluation of [68Ga]Ga-NODAGA-RGD for PET Imaging of Rat Autoimmune Myocarditis. Frontiers in Medicine, 2021, 8, 783596.	2.6	2
42	In Vivo Imaging of Inflammation and Infection. Contrast Media and Molecular Imaging, 2018, 2018, 1-2.	0.8	1
43	Safety Study of Single-Dose Intravenously Administered DOTA-Siglec-9 Peptide in Sprague Dawley Rats. International Journal of Toxicology, 2019, 38, 4-11.	1.2	1
44	In Vivo Imaging of Inflammation and Infection 2019. Contrast Media and Molecular Imaging, 2020, 2020, 1-2.	0.8	1
45	Association between [68Ga]NODAGA-RGDyK uptake and dynamics of angiogenesis in a human cell-based 3D model. Molecular Biology Reports, 2021, 48, 5347-5353.	2.3	1
46	Exploiting Glutamine Consumption in Atherosclerotic Lesions by Positron Emission Tomography Tracer (2S,4R)-4-18F-Fluoroglutamine. Frontiers in Immunology, 2022, 13, 821423.	4.8	1
47	PET radiopharmaceuticals for imaging inflammatory diseases. , 2021, , .		0
48	⁶⁸Ga-Citrate Positron Emission Tomography of Healthy Men: Whole-Body Biodistribution Kinetics and Radiation Dose Estimates. Journal of Nuclear Medicine, 2022, , jnumed.122.263884.	5.0	0