# Xiang-Guo Li

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | <sup>68</sup>Ga-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 |
| 3 | First-in-Humans Study of <sup>68</sup>Ga-DOTA-Siglec-9, a PET Ligand Targeting Vascular Adhesion Protein 1. Journal of Nuclear Medicine, 2021, 62, 577-583. | 5.0 | 13 |
| 4 | Efficacy and tolerability of folate-aminopterin therapy in a rat focal model of multiple sclerosis. Journal of Neuroinflammation, 2021, 18, 30. | 7.2 | 6 |
| 5 | Evaluation of glucagon-like peptide-1 receptor expression in nondiabetic and diabetic atherosclerotic mice using PET tracer <sup>68</sup>Ga-NODAGA-exendin-4. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E989-E998. | 3.5 | 5 |
| 6 | 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 |
| 7 | 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 |
| 8 | PET radiopharmaceuticals for imaging inflammatory diseases. , 2021, , . | | 0 |
| 9 | Evaluation of [68Ga]Ga-NODAGA-RGD for PET Imaging of Rat Autoimmune Myocarditis. Frontiers in Medicine, 2021, 8, 783596. | 2.6 | 2 |
| 10 | 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 |
| 11 | 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 |
| 12 | Candida antarctica Lipase A-Based Enantiorecognition of a Highly Strained 4-Dibenzocyclooctynol (DIBO) Used for PET Imaging. Molecules, 2020, 25, 879. | 3.8 | 4 |
| 13 | In Vivo Imaging of Inflammation and Infection 2019. Contrast Media and Molecular Imaging, 2020, 2020, 1-2. | 0.8 | 1 |
| 14 | Folate Receptor Î²â€“Targeted PET Imaging of Macrophages in Autoimmune Myocarditis. Journal of Nuclear Medicine, 2020, 61, 1643-1649. | 5.0 | 31 |
| 15 | (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 |
| 16 | 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 |
| 17 | Folate receptor-targeted positron emission tomography of experimental autoimmune encephalomyelitis in rats. Journal of Neuroinflammation, 2019, 16, 252. | 7.2 | 10 |
| 18 | Extrasynaptic Î´â€<scp>GABA<sub>A</sub></scp> receptors are highâ€affinity muscimol receptors. Journal of Neurochemistry, 2019, 149, 41-53. | 3.9 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Adventures in radiosynthesis of clinical grade [<sup>68</sup>Ga]Ga-DOTA-Siglec-9. RSC Advances, 2018, 8, 8051-8056. | 3.6 | 5 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | In Vivo Imaging of Inflammation and Infection. Contrast Media and Molecular Imaging, 2018, 2018, 1-2. | 0.8 | 1 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 18F-Labeling of Mannan for Inflammation Research with Positron Emission Tomography. ACS Medicinal Chemistry Letters, 2016, 7, 826-830. | 2.8 | 11 |
| 29 | 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 |
| 30 | 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 |
| 31 | Enabling [<sup>18</sup>F]-bicyclo[6.1.0]nonyne for oligonucleotide conjugation for positron emission tomography applications: [<sup>18</sup>F]-anti-microRNA-21 as an example. Chemical Communications, 2015, 51, 9821-9824. | 4.1 | 16 |
| 32 | Feasibility of experimental BT4C glioma models for somatostatin receptor 2-targeted therapies. Acta OncolÃ³gica, 2014, 53, 1125-1134. | 1.8 | 5 |
| 33 | Using 5-deoxy-5-[18F]fluororibose to glycosylate peptides for positron emission tomography. Nature Protocols, 2014, 9, 138-145. | 12.0 | 22 |
| 34 | Translating the concept of peptidelabeling with 5-deoxy-5-[<sup>18</sup>F]fluororibose into preclinical practice: <sup>18</sup>F-labeling of Siglec-9 peptide for PET imaging of inflammation. Chemical Communications, 2013, 49, 3682-3684. | 4.1 | 33 |
| 35 | [18F]-5-Fluoro-5-deoxyribose, an efficient peptide bioconjugation ligand for positron emission tomography (PET) imaging. Chemical Communications, 2012, 48, 5247. | 4.1 | 39 |
| 36 | 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 |

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|---|---|---|---|
| 37 | 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 |
| 38 | 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 |
| 39 | Fluorinase mediated chemoenzymatic synthesis of [18F]-fluoroacetate. Chemical Communications, 2010, 46, 7819. | 4.1 | 27 |
| 40 | Enzymatic synthesis of carnosine derivatives catalysed by Burkholderia cepacia lipase. Tetrahedron: Asymmetry, 2009, 20, 1641-1645. | 1.8 | 13 |
| 41 | Burkholderia cepacia lipase and activated Î²-lactams in Î²-dipeptide and Î²-amino amide synthesis. Tetrahedron: Asymmetry, 2008, 19, 1857-1861. | 1.8 | 26 |
| 42 | 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 |
| 43 | Chemoenzymatic preparation of fluorine-substituted Î²-lactam enantiomers exploiting Burkholderia cepacia lipase. Tetrahedron: Asymmetry, 2007, 18, 2468-2472. | 1.8 | 11 |
| 44 | Lipases in Î²-Dipeptide Synthesis in Organic Solvents. Organic Letters, 2006, 8, 5593-5596. | 4.6 | 32 |
| 45 | 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 |
| 46 | 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 |
| 47 | Enantioselective Copper-catalysed Conjugate Addition of Diphenylzinc to Cyclohexenone. Letters in Organic Chemistry, 2005, 2, 65-67. | 0.5 | 3 |
| 48 | Enantioselective additions of diphenylzinc to aldehydes using chiral pyrrolidinylmethanol derivatives as catalysts. Tetrahedron: Asymmetry, 2001, 12, 399-403. | 1.8 | 62 |