

István Kertész

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

715
citations

623734

14
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

1062
citing authors

#	ARTICLE	IF	CITATIONS
1	Serial Noninvasive In Vivo Positron Emission Tomographic Tracking of Percutaneously Intramyocardially Injected Autologous Porcine Mesenchymal Stem Cells Modified for Transgene Reporter Gene Expression. <i>Circulation: Cardiovascular Imaging</i> , 2008, 1, 94-103.	2.6	150
2	Fluoro-Olefins as Peptidomimetic Inhibitors of Dipeptidyl Peptidases. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 1768-1780.	6.4	136
3	Side Chain Methyl Substitution in the μ -Opioid Receptor Antagonist TIPP Has an Important Effect on the Activity Profile. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 5167-5176.	6.4	50
4	In vivo imaging of Aminopeptidase N (CD13) receptors in experimental renal tumors using the novel radiotracer ^{68}Ga -NOTA-c(NGR). <i>European Journal of Pharmaceutical Sciences</i> , 2015, 69, 61-71.	4.0	44
5	Binding site of salsolinol: its properties in different regions of the brain and the pituitary gland of the rat. <i>Neurochemistry International</i> , 2003, 42, 19-26.	3.8	42
6	Efficient synthesis of an (aminoxy) acetylated ϵ -somatostatin derivative using (aminoxy)acetic acid as a α -carbonyl capture™ reagent. <i>Journal of Peptide Science</i> , 2011, 17, 39-46.	1.4	32
7	Validation and noninvasive kinetic modeling of [^{11}C]UCB-J PET imaging in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1351-1362.	4.3	32
8	Synthesis of (E)- and (Z)-fluoro-olefin analogues of potent dipeptidyl peptidase IV inhibitors. <i>Tetrahedron Letters</i> , 2003, 44, 6231-6234.	1.4	31
9	μ -Fluorinated proline derivatives: potential transition state inhibitors for proline selective serine dipeptidases. <i>Tetrahedron Letters</i> , 2003, 44, 969-972.	1.4	25
10	Synthesis of ^{68}Ga -Labeled Biopolymer-based Nanoparticle Imaging Agents for Positron-emission Tomography. <i>Anticancer Research</i> , 2019, 39, 2415-2427.	1.1	19
11	Comparative preclinical evaluation of ^{68}Ga -NODAGA and ^{68}Ga -HBED-CC conjugated procainamide in melanoma imaging. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 139, 54-64.	2.8	16
12	The Influence of the Combination of Carboxylate and Phosphinate Pendant Arms in 1,4,7-Triazacyclononane-Based Chelators on Their ^{68}Ga Labelling Properties. <i>Molecules</i> , 2015, 20, 13112-13126.	3.8	15
13	<i>In Vivo</i> Imaging of Experimental Melanoma Tumors using the Novel Radiotracer ^{68}Ga -NODAGA-Procainamide (PCA). <i>Journal of Cancer</i> , 2017, 8, 774-785.	2.5	15
14	Radiochemical synthesis and preclinical evaluation of ^{68}Ga -labeled NODAGA-hydroxypropyl-beta-cyclodextrin (^{68}Ga -NODAGA-HPBCD). <i>European Journal of Pharmaceutical Sciences</i> , 2019, 128, 202-208.	4.0	15
15	Novel diastereomeric opioid tetrapeptides exhibit differing pharmacological activity profiles. <i>Brain Research Bulletin</i> , 2007, 74, 119-129.	3.0	11
16	In vivo assessment of aminopeptidase N (APN/CD13) specificity of different ^{68}Ga -labelled NGR derivatives using PET/MRI imaging. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119881.	5.2	11
17	In Vivo Molecular Imaging of the Efficacy of Aminopeptidase N (APN/CD13) Receptor Inhibitor Treatment on Experimental Tumors Using ^{68}Ga -NODAGA-c(NGR) Peptide. <i>BioMed Research International</i> , 2021, 2021, 1-11.	1.9	10
18	Progression of obsessive compulsive disorder-like grooming in Sapap3 knockout mice: A longitudinal [^{11}C]ABP688 PET study. <i>Neuropharmacology</i> , 2020, 177, 108160.	4.1	8

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19	In vivo preclinical evaluation of the new ⁶⁸ Ga-labeled beta-cyclodextrin in prostaglandin E2 (PGE2) positive tumor model using positron emission tomography. International Journal of Pharmaceutics, 2020, 576, 118954.	5.2	7
20	Synthesis and binding characteristics of [3H] H-Tyr-Tic ¹ [CH2-NH] Cha-Phe-OH, a highly specific and stable μ -opioid antagonist. Peptides, 1999, 20, 1079-1083.	2.4	6
21	Multiparametric labeling optimization and synthesis of ⁶⁸ Ga-labeled compounds applying a continuous-flow microfluidic methodology. Journal of Flow Chemistry, 2016, 6, 86-93.	1.9	6
22	Synthesis and pharmacological characterization of a novel, highly potent, peptidomimetic μ -opioid radioantagonist, [3H]Tyr-Tic-(2S,3R)- μ -MePhe-Phe-OH. Neuropeptides, 2008, 42, 57-67.	2.2	5
23	² [18F]-fluoroethylrhodamine B is a promising radiotracer to measure P-glycoprotein function. European Journal of Pharmaceutical Sciences, 2015, 74, 27-35.	4.0	5
24	<i>In Vivo</i> Imaging of Hypoxia and Neoangiogenesis in Experimental Syngeneic Hepatocellular Carcinoma Tumor Model Using Positron Emission Tomography. BioMed Research International, 2020, 2020, 1-10.	1.9	5
25	In vivo preclinical assessment of novel ⁶⁸ Ga-labelled peptides for imaging of tumor associated angiogenesis using positron emission tomography imaging. Applied Radiation and Isotopes, 2021, 174, 109778.	1.5	5
26	Synthesis of ⁶⁸ Ga-Labeled cNGR-Based Glycopeptides and In Vivo Evaluation by PET Imaging. Pharmaceutics, 2021, 13, 2103.	4.5	5
27	A generic gas chromatography method for determination of residual solvents in PET radiopharmaceuticals. Journal of Pharmaceutical and Biomedical Analysis, 2022, 207, 114425.	2.8	4
28	Characterization of N,N(Me)2-Dmt-Tic-OH, a delta selective opioid dipeptide antagonist. NeuroReport, 2000, 11, 2083-2086.	1.2	2
29	<i>In Vivo</i> Imaging of Ischemia/Reperfusion-mediated Aminopeptidase N Expression in Surgical Rat Model Using ⁶⁸ Ga-NOTA-c(NGR). In Vivo, 2022, 36, 657-666.	1.3	2
30	Preparation, quality control, and biodistribution assessment of [¹¹¹ In]In ³⁺ DOTA ³⁻ PR81 in BALB/c mice bearing breast tumors. Journal of Labelled Compounds and Radiopharmaceuticals, 2021, 64, 168-180.	1.0	1
31	Rapid radiosynthesis of two [¹⁸ F]F ¹⁸ -labeled nicotinamide derivatives for malignant melanoma imaging. Applied Radiation and Isotopes, 2018, 132, 142-146.	1.5	0