

Babak Behnam Azad

List of Publications by Year in descending order

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23
papers

1,015
citations

687335

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citing authors

#	ARTICLE	IF	CITATIONS
1	An Evaluation of CXCR4 Targeting with PAMAM Dendrimer Conjugates for Oncologic Applications. <i>Pharmaceutics</i> , 2022, 14, 655.	4.5	4
2	Prostate-specific membrane antigen (PSMA)-targeted photodynamic therapy enhances the delivery of PSMA-targeted magnetic nanoparticles to PSMA-expressing prostate tumors. <i>Nanotheranostics</i> , 2021, 5, 182-196.	5.2	12
3	First-in-human neuroimaging of soluble epoxide hydrolase using [18F]FNDP PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3122-3128.	6.4	6
4	High Availability of the $\alpha 7$ -Nicotinic Acetylcholine Receptor in Brains of Individuals with Mild Cognitive Impairment: A Pilot Study Using ^{18}F -ASEM PET. <i>Journal of Nuclear Medicine</i> , 2020, 61, 423-426.	5.0	22
5	cis-4-[18F]fluoro-L-proline Molecular Imaging Experimental Liver Fibrosis. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 90.	3.5	6
6	PET imaging of distinct brain uptake of a nanobody and similarly-sized PAMAM dendrimers after intra-arterial administration. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1940-1951.	6.4	33
7	23.4 PET-BASED PRECISION NEUROIMAGING OF THE ALPHA7 NICOTINIC ACETYLCHOLINE RECEPTOR IN PATIENTS WITH RECENT ONSET OF PSYCHOSIS. <i>Schizophrenia Bulletin</i> , 2019, 45, S127-S127.	4.3	0
8	Evaluation of PSMA-Targeted PAMAM Dendrimer Nanoparticles in a Murine Model of Prostate Cancer. <i>Molecular Pharmaceutics</i> , 2019, 16, 2590-2604.	4.6	29
9	Use of ^{18}F -ASEM PET to Determine the Availability of the $\alpha 7$ -Nicotinic Acetylcholine Receptor in Recent-Onset Psychosis. <i>Journal of Nuclear Medicine</i> , 2019, 60, 241-243.	5.0	19
10	A side-by-side evaluation of [18F]FDOPA enantiomers for non-invasive detection of neuroendocrine tumors by positron emission tomography. <i>Oncotarget</i> , 2019, 10, 5731-5744.	1.8	3
11	An optimized radiosynthesis of [^{18}F]FNDP, a positron emission tomography radiotracer for imaging soluble epoxide hydrolase (sEH). <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 567-572.	1.0	8
12	A fully human CXCR4 antibody demonstrates diagnostic utility and therapeutic efficacy in solid tumor xenografts. <i>Oncotarget</i> , 2016, 7, 12344-12358.	1.8	32
13	A humanized antibody for imaging immune checkpoint ligand PD-L1 expression in tumors. <i>Oncotarget</i> , 2016, 7, 10215-10227.	1.8	158
14	Targeted Imaging of the Atypical Chemokine Receptor 3 (ACKR3/CXCR7) in Human Cancer Xenografts. <i>Journal of Nuclear Medicine</i> , 2016, 57, 981-988.	5.0	28
15	Synthesis and Evaluation of Optical and PET GLP-1 Peptide Analogues for GLP-1R Imaging. <i>Molecular Imaging</i> , 2015, 14, 1-16.	1.4	22
16	Structural Characterization and in Vivo Evaluation of ^{125}I -Hairpin Peptidomimetics as Specific CXCR4 Imaging Agents. <i>Molecular Pharmaceutics</i> , 2015, 12, 941-953.	4.6	13
17	Evaluation of a PSMA-targeted BNF nanoparticle construct. <i>Nanoscale</i> , 2015, 7, 4432-4442.	5.6	35
18	Bridged cyclams as imaging agents for chemokine receptor 4 (CXCR4). <i>Nuclear Medicine and Biology</i> , 2014, 41, 552-561.	0.6	25

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19	The Intricate Role of CXCR4 in Cancer. <i>Advances in Cancer Research</i> , 2014, 124, 31-82.	5.0	496
20	Synthesis, radiometal labeling and in vitro evaluation of a targeted PPIX derivative. <i>Applied Radiation and Isotopes</i> , 2012, 70, 505-511.	1.5	27
21	Temperature effects on the stereospecificity of nucleophilic fluorination: formation of trans-[¹⁸ F]4-fluoro-l-proline during the synthesis of cis-[¹⁸ F]4-fluoro-l-proline. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2012, 55, 23-28.	1.0	8
22	Design, synthesis and in vitro characterization of Glucagon-Like Peptide-1 derivatives for pancreatic beta cell imaging by SPECT. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 1265-1272.	3.0	19
23	Trifluoromethanesulfonic acid, an alternative solvent medium for the direct electrophilic fluorination of DOPA: new syntheses of ¹⁸ F-fluoro-L-DOPA and ¹⁸ F-fluoro-D-DOPA. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2007, 50, 1236-1242.	1.0	10