Neydher Berroterán-Infante

List of Publications by Year
in descending order

26 papers	364 citations	840119 11 h-index	839053 18 g-index
26 all docs	26 docs citations	26 times ranked	781 citing authors

#	Article	IF	Citations
1	PSMA Ligand PET/MRI for Primary Prostate Cancer: Staging Performance and Clinical Impact. Clinical Cancer Research, 2018, 24, 6300-6307.	3.2	112
2	An Overview of PET Radiochemistry, Part 1: The Covalent Labels ^{18}F, ^{11}C, and ^{13}N. Journal of Nuclear Medicine, 2018, 59, 1350-1354.	2.8	26
3	On the relationship of first-episode psychosis to the amphetamine-sensitized state: a dopamine D2/3 receptor agonist radioligand study. Translational Psychiatry, 2020, 10, 2.	2.4	25
4	Association of norepinephrine transporter methylation with in vivo NET expression and hyperactivity–impulsivity symptoms in ADHD measured with PET. Molecular Psychiatry, 2021, 26, 1009-1018.	4.1	23
5	Assessment of Ketamine Binding of the Serotonin Transporter in Humans with Positron Emission Tomography. International Journal of Neuropsychopharmacology, 2018, 21, 145-153.	1.0	22
6	Simple and rapid quantification of serotonin transporter binding using [11C]DASB bolus plus constant infusion. NeuroImage, 2017, 149, 23-32.	2.1	19
7	[^{18}F]FEPPA: Improved Automated Radiosynthesis, Binding Affinity, and Preliminary in Vitro Evaluation in Colorectal Cancer. ACS Medicinal Chemistry Letters, 2018, 9, 177-181.	1.3	15
8	(R)-[18F]NEBIFQUINIDE: A promising new PET tracer for TSPO imaging. European Journal of Medicinal Chemistry, 2019, 176, 410-418.	2.6	14
9	Binding Affinity of Some Endogenous and Synthetic TSPO Ligands Regarding the rs6971 Polymorphism. International Journal of Molecular Sciences, 2019, 20, 563.	1.8	13
10	Parcellation of the Human Cerebral Cortex Based on Molecular Targets in the Serotonin System Quantified by Positron Emission Tomography In vivo. Cerebral Cortex, 2019, 29, 372-382.	1.6	12
11	Radiosynthesis and first preclinical evaluation of the novel norepinephrine transporter pet-ligand [11C]ME@HAPTHI. EJNMMI Research, 2015, 5, 113.	1.1	11
12	Modeling the acute pharmacological response to selective serotonin reuptake inhibitors in human brain using simultaneous PET/MR imaging. European Neuropsychopharmacology, 2019, 29, 711-719.	0.3	11
13	Topologically Guided Prioritization of Candidate Gene Transcripts Coexpressed with the 5-HT1A Receptor by Combining In Vivo PET and Allen Human Brain Atlas Data. Cerebral Cortex, 2020, 30, 3771-3780.	1.6	10
14	Dynamic [18F]FET-PET/MRI using standard MRI-based attenuation correction methods. European Radiology, 2019, 29, 4276-4285.	2.3	8
15	Development of a radiolabeled caninized anti-EGFR antibody for comparative oncology trials. Oncotarget, 2017, 8, 83128-83141.	0.8	7
16	[18F]FMeNER-D2: A systematic in vitro analysis of radio-metabolism. Nuclear Medicine and Biology, 2016, 43, 490-495.	0.3	6
17	Serotonin Transporter Binding in the Human Brain After Pharmacological Challenge Measured Using PET and PET/MR. Frontiers in Molecular Neuroscience, 2019, 12, 172.	1.4	6
18	Preclinical *In Vitro* and *In Vivo* Evaluation of [^{18}F]FE@SUPPY for Cancer PET Imaging: Limitations of a Xenograft Model for Colorectal Cancer. Contrast Media and Molecular Imaging, 2018, 2018, 1-9.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Attenuation Correction Approaches for Serotonin Transporter Quantification With PET/MRI. Frontiers in Physiology, 2019, 10, 1422.	1.3	5
20	Molar activity â€" The keystone in 11C-radiochemistry: An explorative study using the gas phase method. Nuclear Medicine and Biology, 2018, 67, 21-26.	0.3	4
21	L-[S-methyl-11C]methionine â€" An example of radiosynthetic optimization. Applied Radiation and Isotopes, 2018, 141, 107-111.	0.7	3
22	Synthesis and in vitro evaluation of new translocator protein ligands designed for positron emission tomography. Future Medicinal Chemistry, 2019, 11, 539-550.	1.1	3
23	Sorbitol as a Polar Pharmacological Modifier to Enhance the Hydrophilicity of 99mTc-Tricarbonyl-Based Radiopharmaceuticals. Molecules, 2020, 25, 2680.	1.7	2
24	Toward the Optimization of (+)-[11C]PHNO Synthesis: Time Reduction and Process Validation. Contrast Media and Molecular Imaging, 2019, 2019, 1-13.	0.4	1
25	Optimization of the Automated Synthesis of [11C]mHEDâ€"Administered and Apparent Molar Activities. Pharmaceuticals, 2019, 12, 12.	1.7	1
26	32nd International Austrian Winter Symposium. EJNMMI Research, 2016, 6, 32.	1.1	0