Chrysoula Vraka

List of Publications by Year
in descending order

39	483	840585 11	794469 19
papers	citations	h-index	g-index

43	43	43	770
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simultaneous radiomethylation of [11C]harmine and [11C]DASB and kinetic modeling approach for serotonergic brain imaging in the same individual. Scientific Reports, 2022, 12, 3283.	1.6	0
2	A Microdosing Study with ^{99m}Tc-PHC-102 for the SPECT/CT Imaging of Primary and Metastatic Lesions in Renal Cell Carcinoma Patients. Journal of Nuclear Medicine, 2021, 62, 360-365.	2.8	20
3	Prediction of response and survival after standardized treatment with 7400ÂMBq 177Lu-PSMA-617 every 4Âweeks in patients with metastatic castration-resistant prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 1650-1657.	3.3	21
4	Radiolabeled HER2-directed exosomes exhibit improved cell targeting and specificity. Nanomedicine, 2021, 16, 553-567.	1.7	5
5	Diagnostic Role of PET/CT Tracers in the Detection and Localization of Tumours Responsible for Ectopic Cushingâ€™s Syndrome. Anticancer Research, 2021, 41, 2477-2484.	0.5	3
6	Response and Toxicity to the Second Course of 3 Cycles of 177Lu-PSMA Therapy Every 4 Weeks in Patients with Metastatic Castration-Resistant Prostate Cancer. Cancers, 2021, 13, 2489.	1.7	6
7	If It Works, Donâ€™t Touch It? A Cell-Based Approach to Studying 2-[18F]FDG Metabolism. Pharmaceuticals, 2021, 14, 910.	1.7	2
8	Renal and Salivary Gland Functions after Three Cycles of PSMA-617 Therapy Every Four Weeks in Patients with Metastatic Castration-Resistant Prostate Cancer. Current Oncology, 2021, 28, 3692-3704.	0.9	5
9	High-dose testosterone treatment reduces monoamine oxidase A levels in the human brain: A preliminary report. Psychoneuroendocrinology, 2021, 133, 105381.	1.3	11
10	Discovery of melaninâ€concentrating hormone receptor 1 in brown adipose tissue. Annals of the New York Academy of Sciences, 2021, 1494, 70-86.	1.8	2
11	First-in-human brain PET imaging of the GluN2B-containing N-methyl-D-aspartate receptor with (R)-11C-Me-NB1. Journal of Nuclear Medicine, 2021, , jnumed.121.262427.	2.8	14
12	Unexpected scaffold rearrangement product of pirenzepine found in commercial samples. Scientific Reports, 2021, 11, 23397.	1.6	1
13	Enhanced arecoline derivatives as muscarinic acetylcholine receptor M1 ligands for potential application as PET radiotracers. European Journal of Medicinal Chemistry, 2020, 204, 112623.	2.6	8
14	Synthesis, Biological, and Computational Evaluation of Antagonistic, Chiral Hydrobenzoin Esters of Arecaidine Targeting mAChR M1. Pharmaceuticals, 2020, 13, 437.	1.7	6
15	SNAPshots of the MCHR1: a Comparison Between the PET-Tracers [18F]FE@SNAP and [11C]SNAP-7941. Molecular Imaging and Biology, 2019, 21, 257-268.	1.3	5
16	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
17	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
18	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

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19	(R)-[18F]NEBIFQUINIDE: A promising new PET tracer for TSPO imaging. European Journal of Medicinal Chemistry, 2019, 176, 410-418.	2.6	14
20	Technical Aspect of the Automated Synthesis and Real-Time Kinetic Evaluation of [¹¹C]SNAP-7941. Journal of Visualized Experiments, 2019, , .	0.2	2
21	Assessment of sympathetic reinnervation after cardiac transplantation using hybrid cardiac PET/MRI: A pilot study. Journal of Magnetic Resonance Imaging, 2019, 50, 1326-1335.	1.9	9
22	The effect of electroconvulsive therapy on cerebral monoamine oxidase A expression in treatment-resistant depression investigated using positron emission tomography. Brain Stimulation, 2019, 12, 714-723.	0.7	24
23	Optimization of the Automated Synthesis of [11C]mHEDâ€"Administered and Apparent Molar Activities. Pharmaceuticals, 2019, 12, 12.	1.7	1
24	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
25	Pitfalls and solutions of the fully-automated radiosynthesis of [11C]metoclopramide. EJNMMI Radiopharmacy and Chemistry, 2019, 4, 31.	1.8	7
26	Task-relevant brain networks identified with simultaneous PET/MR imaging of metabolism and connectivity. Brain Structure and Function, 2018, 223, 1369-1378.	1.2	34
27	A new method measuring the interaction of radiotracers with the human P-glycoprotein (P-gp) transporter. Nuclear Medicine and Biology, 2018, 60, 29-36.	0.3	5
28	Expanding LogP: Present possibilities. Nuclear Medicine and Biology, 2018, 58, 20-32.	0.3	17
29	Brain monoamine oxidase A in seasonal affective disorder and treatment with bright light therapy. Translational Psychiatry, 2018, 8, 198.	2.4	22
30	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
31	L-[S-methyl-11C]methionine â€“ An example of radiosynthetic optimization. Applied Radiation and Isotopes, 2018, 141, 107-111.	0.7	3
32	An Overview of PET Radiochemistry, Part 1: The Covalent Labels ¹⁸F, ¹¹C, and ¹³N. Journal of Nuclear Medicine, 2018, 59, 1350-1354.	2.8	26
33	Log P , a yesterday's value?. Nuclear Medicine and Biology, 2017, 50, 1-10.	0.3	62
34	Reconsider logP!. Nuclear Medicine and Biology, 2017, 54, 42.	0.3	3
35	Quantification of Task-Specific Glucose Metabolism with Constant Infusion of¹⁸F-FDG. Journal of Nuclear Medicine, 2016, 57, 1933-1940.	2.8	64
36	Development of a Novel Nonpeptidic ¹⁸F-Labeled Radiotracer for in Vivo Imaging of Oxytocin Receptors with Positron Emission Tomography. Journal of Medicinal Chemistry, 2016, 59, 1800-1817.	2.9	17

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37	Radiosynthesis and first preclinical evaluation of the novel norepinephrine transporter pet-ligand [11C]ME@HAPTHI. EJNMMI Research, 2015, 5, 113.	1.1	11
38	Development of potential selective and reversible pyrazoline based MAO-B inhibitors as MAO-B PET tracer precursors and reference substances for the early detection of Alzheimerâ€™s disease. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4490-4495.	1.0	9
39	Synthesis, radiosynthesis and first in vitro evaluation of novel PET-tracers for the dopamine transporter: [11C]IPCIT and [18F]FE@IPCIT. Bioorganic and Medicinal Chemistry, 2013, 21, 7562-7569.	1.4	8