

Peter Blanckaert

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

786
citations

516215

16
h-index

525886

27
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all docs

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docs citations

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times ranked

1052
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#	ARTICLE	IF	CITATIONS
1	Estimates of regional cerebral blood flow and 5-HT _{2A} receptor density in impulsive, aggressive dogs with ^{99m} Tc-ECD and ^{123I} -I-R91150. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 1538-1546.	3.3	81
2	A case of acute intoxication due to combined use of fentanyl and 3,4-dichloro-N-[2-(dimethylamino)cyclohexyl]-N-methylbenzamide (U-47700). <i>Forensic Science International</i> , 2016, 266, 68-72.	1.3	71
3	The impact of HF-rTMS treatment on serotonin _{2A} receptors in unipolar melancholic depression. <i>Brain Stimulation</i> , 2011, 4, 104-111.	0.7	69
4	Report on a novel emerging class of highly potent benzimidazole NPS opioids: Chemical and in vitro functional characterization of isotonitazene. <i>Drug Testing and Analysis</i> , 2020, 12, 422-430.	1.6	65
5	Tissue perfusion in pathologies of the pancreas: assessment using 128-slice computed tomography. <i>Abdominal Imaging</i> , 2012, 37, 595-601.	2.0	58
6	Effects of aging on brain perfusion and serotonin-2A receptor binding in the normal canine brain measured with single photon emission tomography. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2002, 26, 1393-1404.	2.5	43
7	Assessment of Tumor Vascularization in Pancreatic Adenocarcinoma Using 128-Slice Perfusion Computed Tomography Imaging. <i>Journal of Computer Assisted Tomography</i> , 2011, 35, 434-438.	0.5	34
8	4-Methyl-amphetamine: a health threat for recreational amphetamine users. <i>Journal of Psychopharmacology</i> , 2013, 27, 817-822.	2.0	34
9	Medical Emergencies Related to Ethanol and Illicit Drugs at an Annual, Nocturnal, Indoor, Electronic Dance Music Event. <i>Prehospital and Disaster Medicine</i> , 2018, 33, 71-76.	0.7	29
10	Identification of a new tert-leucinate class synthetic cannabinoid in powder and "spice-like" herbal incenses: Methyl 2-[[1-(5-fluoropentyl)indole-3-carbonyl]amino]-3,3-dimethyl-butanoate (5F-MDMB-PICA). <i>Forensic Science International</i> , 2017, 273, 45-52.	1.3	28
11	Activity-Based Detection and Bioanalytical Confirmation of a Fatal Carfentanil Intoxication. <i>Frontiers in Pharmacology</i> , 2018, 9, 486.	1.6	27
12	Combining attenuated total reflectance- infrared spectroscopy and chemometrics for the identification and the dosage estimation of MDMA tablets. <i>Talanta</i> , 2019, 195, 142-151.	2.9	26
13	Radiosynthesis, in vitro and in vivo evaluation of ^{123I} -labeled anandamide analogues for mapping brain FAAH. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 49-56.	1.4	20
14	In vitro and In vivo Targeting Properties of Iodine-123- or Iodine-131-labeled Monoclonal Antibody 14C5 in a Non-small Cell Lung Cancer and Colon Carcinoma Model. <i>Clinical Cancer Research</i> , 2005, 11, 7288-7296.	3.2	19
15	Biodistribution and planar gamma camera imaging of ^{123I} - and ^{131I} -labeled F(ab') ₂ and Fab fragments of monoclonal antibody 14C5 in nude mice bearing an A549 lung tumor. <i>Nuclear Medicine and Biology</i> , 2007, 34, 257-265.	0.3	19
16	Analytical characterization of "acetoneitazepyne," a new pyrrolidinyl-containing 2-benzylbenzimidazole opioid sold online. <i>Drug Testing and Analysis</i> , 2021, 13, 1627-1634.	1.6	18
17	Lessons to be learned from toxicological analyses in intoxicated patients and seized materials at an electronic music dance festival. <i>Forensic Science International</i> , 2019, 299, 174-179.	1.3	17
18	An infrared spectroscopic approach to characterise white powders, easily applicable in the context of drug checking, drug prevention and on-site analysis. <i>Drug Testing and Analysis</i> , 2021, 13, 679-693.	1.6	15

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19	Assessment of neovascular permeability in a pancreatic tumor model using dynamic contrast-enhanced (DCE) MRI with contrast agents of different molecular weights. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2011, 24, 225-232.	1.1	14
20	Report on a New Opioid NPS: Chemical and <i>In Vitro</i> Functional Characterization of a Structural Isomer of the MT-45 Derivative Diphenpipenol. <i>Journal of Analytical Toxicology</i> , 2021, 45, 134-140.	1.7	12
21	Effect of cyclosporin A administration on the biodistribution and multipinhole $\hat{1}/4$ SPECT imaging of $[123I]R91150$ in rodent brain. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 446-453.	3.3	11
22	Treatment for substance use disorders: the Belgian Treatment Demand Indicator registration protocol. <i>Archives of Public Health</i> , 2016, 74, 27.	1.0	11
23	In vivo evaluation of $[123I]$ -4-iodo-N-(4-(4-(2-methoxyphenyl)-piperazin-1-yl)butyl)-benzamide: a potential sigma receptor ligand for SPECT studies. <i>Nuclear Medicine and Biology</i> , 2005, 32, 193-200.	0.3	10
24	Separating the wheat from the chaff: Observations on the analysis of lysergamides LSD, MIPLA, and LAMPA. <i>Drug Testing and Analysis</i> , 2022, 14, 545-556.	1.6	8
25	Variability of CT Contrast Enhancement in the Pancreas: A Cause for Concern?. <i>Pancreatology</i> , 2011, 11, 588-594.	0.5	7
26	In vivo evaluation in rodents of $[123I]$ -3-I-CO as a potential SPECT tracer for the serotonin 5-HT _{2A} receptor. <i>Nuclear Medicine and Biology</i> , 2008, 35, 861-867.	0.3	6
27	Determination of ocfentanil and W-18 in a suspicious heroin-like powder in Belgium. <i>Forensic Toxicology</i> , 2019, 37, 474-479.	1.4	6
28	Identification and characterization of 4-chloromethamphetamine (4-CMA) in seized ecstasy "a risk to public health. <i>Forensic Science International</i> , 2018, 288, 173-180.	1.3	5
29	Synthesis, radiosynthesis and in vivo evaluation in mice of $[123I]$ -(4-fluorophenyl) {1-[2-(4-iodophenyl)ethyl]piperidin-4-yl}methanone for visualization of the 5-HT _{2A} receptor with SPECT. <i>Applied Radiation and Isotopes</i> , 2005, 62, 737-743.	0.7	4
30	In vivo evaluation of $[123I]$ -3-(4-iodobenzyl)-1,2,3,4-tetrahydro-8-hydroxychromeno[3,4-c]pyridin-5-one: a presumed dopamine D ₄ receptor ligand for SPECT studies. <i>Nuclear Medicine and Biology</i> , 2005, 32, 293-299.	0.3	4
31	When clozapine appears at a dance event. <i>Acta Clinica Belgica</i> , 2020, 75, 416-420.	0.5	4
32	Synthesis, radiosynthesis and preliminary in vivo evaluation of $[123I]$ -(4-fluorophenyl) {1-[2-(2-iodophenyl)ethyl]piperidin-4-yl}methanone, a potential 5-HT _{2A} -antagonist for SPECT brain imaging. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004, 47, 591-598.	0.5	3
33	Awareness of users and motivational factors for using new psychoactive substances in Belgium. <i>Harm Reduction Journal</i> , 2020, 17, 52.	1.3	3
34	Synthesis of $[123I]$ -3-(4-iodobenzyl)-1,2,3,4-tetrahydro-8-hydroxychromeno[3,4-c]pyridin-5-one, a potential dopamine D ₄ ligand for SPECT studies. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2005, 48, 101-108.	0.5	2
35	Synthesis and in vivo evaluation in mice of $[123I]$ -(4-fluorophenyl) [1-(3-iodophenethyl)piperidin-4-yl]methanone as a potential SPECT-tracer for the serotonin 5-HT _{2A} receptor. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2007, 50, 183-188.	0.5	2
36	Health care trajectories and medication consumption of substance users in treatment: linking TDI and IMA databases (Belgium). <i>Archives of Public Health</i> , 2015, 73, .	1.0	1

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37	Opt-Out Design for an Observational Toxicology Study Involving Intoxicated Patients at a Dance Music Event. <i>Ethics & Human Research</i> , 2021, 43, 36-41.	0.5	0