

# Peter Blanckaert

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35  
papers

601  
citations

14  
h-index

23  
g-index

37  
ext. papers

699  
ext. citations

3.4  
avg, IF

3.64  
L-index

#	Paper	IF	Citations
35	Analytical characterization of "etonitazepyne," a new pyrrolidinyl-containing 2-benzylbenzimidazole opioid sold online. <i>Drug Testing and Analysis</i> , <b>2021</b> , 13, 1627-1634	3.5	10
34	Report on a New Opioid NPS: Chemical and In Vitro Functional Characterization of a Structural Isomer of the MT-45 Derivative Diphenpipenol. <i>Journal of Analytical Toxicology</i> , <b>2021</b> , 45, 134-140	2.9	6
33	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> , <b>2021</b> , 13, 679-693	3.5	5
32	Opt-Out Design for an Observational Toxicology Study Involving Intoxicated Patients at a Dance Music Event. <i>Ethics &amp; Human Research</i> , <b>2021</b> , 43, 36-41	2.1	
31	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> , <b>2020</b> , 12, 422-430	3.5	33
30	Awareness of users and motivational factors for using new psychoactive substances in Belgium. <i>Harm Reduction Journal</i> , <b>2020</b> , 17, 52	4.6	1
29	When clozapine appears at a dance event. <i>Acta Clinica Belgica</i> , <b>2020</b> , 75, 416-420	1.8	4
28	Determination of ocfentanil and W-18 in a suspicious heroin-like powder in Belgium. <i>Forensic Toxicology</i> , <b>2019</b> , 37, 474-479	2.6	2
27	Lessons to be learned from toxicological analyses in intoxicated patients and seized materials at an electronic music dance festival. <i>Forensic Science International</i> , <b>2019</b> , 299, 174-179	2.6	12
26	Combining attenuated total reflectance- infrared spectroscopy and chemometrics for the identification and the dosage estimation of MDMA tablets. <i>Talanta</i> , <b>2019</b> , 195, 142-151	6.2	11
25	Medical Emergencies Related to Ethanol and Illicit Drugs at an Annual, Nocturnal, Indoor, Electronic Dance Music Event. <i>Prehospital and Disaster Medicine</i> , <b>2018</b> , 33, 71-76	0.8	21
24	Identification and characterization of 4-chloromethamphetamine (4-CMA) in seized ecstasy - a risk to public health. <i>Forensic Science International</i> , <b>2018</b> , 288, 173-180	2.6	5
23	Activity-Based Detection and Bioanalytical Confirmation of a Fatal Carfentanil Intoxication. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 486	5.6	25
22	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> , <b>2017</b> , 273, 45-52	2.6	17
21	Treatment for substance use disorders: the Belgian Treatment Demand Indicator registration protocol. <i>Archives of Public Health</i> , <b>2016</b> , 74, 27	2.6	10
20	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> , <b>2016</b> , 266, 68-72	2.6	66
19	4-Methyl-amphetamine: a health threat for recreational amphetamine users. <i>Journal of Psychopharmacology</i> , <b>2013</b> , 27, 817-22	4.6	30

18	Tissue perfusion in pathologies of the pancreas: assessment using 128-slice computed tomography. <i>Abdominal Imaging</i> , <b>2012</b> , 37, 595-601		47
17	Variability of CT contrast enhancement in the pancreas: a cause for concern?. <i>Pancreatology</i> , <b>2011</b> , 11, 588-94	3.8	3
16	Assessment of tumor vascularization in pancreatic adenocarcinoma using 128-slice perfusion computed tomography imaging. <i>Journal of Computer Assisted Tomography</i> , <b>2011</b> , 35, 434-8	2.2	28
15	The impact of HF-rTMS treatment on serotonin(2A) receptors in unipolar melancholic depression. <i>Brain Stimulation</i> , <b>2011</b> , 4, 104-11	5.1	53
14	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> , <b>2011</b> , 24, 225-32	2.8	14
13	Effect of cyclosporin A administration on the biodistribution and multipinhole muSPECT imaging of [123I]R91150 in rodent brain. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2009</b> , 36, 446-53	8.8	10
12	Radiosynthesis, in vitro and in vivo evaluation of 123I-labeled anandamide analogues for mapping brain FAAH. <i>Bioorganic and Medicinal Chemistry</i> , <b>2009</b> , 17, 49-56	3.4	16
11	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> , <b>2008</b> , 35, 861-7	2.1	4
10	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-HT2A receptor. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2007</b> , 50, 183-188	1.9	2
9	Biodistribution and planar gamma camera imaging of (123)I- and (131)I-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> , <b>2007</b> , 34, 257-65	2.1	16
8	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> , <b>2005</b> , 32, 193-200	2.1	9
7	In vivo evaluation of [(123I)]-3-(4-iodobenzyl)-1,2,3,4-tetrahydro-8-hydroxychromeno[3,4-c]pyridin-5-one: a presumed dopamine D4 receptor ligand for SPECT studies. <i>Nuclear Medicine and Biology</i> , <b>2005</b> , 32, 293-9	2.1	4
6	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-HT2A receptor with SPECT. <i>Applied Radiation and Isotopes</i> , <b>2005</b> , 62, 737-43	1.7	4
5	Synthesis of [123I]-3-(4-iodobenzyl)-1,2,3,4-tetrahydro-8-hydroxychromeno[3,4-c]pyridin-5-one, a potential dopamine D4 ligand for SPECT studies. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2005</b> , 48, 101-108	1.9	2
4	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> , <b>2005</b> , 11, 7288-96	12.9	19
3	Synthesis, radiosynthesis and preliminary in vivo evaluation of [123I]-(4-fluorophenyl) {1-[2-(2-iodophenyl)ethyl]piperidin-4-yl}methanone, a potential 5-HT2A-antagonist for SPECT brain imaging. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2004</b> , 47, 591-598	1.9	2
2	Estimates of regional cerebral blood flow and 5-HT2A receptor density in impulsive, aggressive dogs with 99mTc-ECD and 123I-5-I-R91150. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2003</b> , 30, 1538-46	8.8	69
1	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> , <b>2002</b> , 26, 1393-404	5.5	39

