

Luc Zimmer

List of Publications by Year in descending order

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146
papers

4,587
citations

81839

39
h-index

123376

61
g-index

164
all docs

164
docs citations

164
times ranked

4597
citing authors

#	ARTICLE	IF	CITATIONS
1	Translating biased agonists from molecules to medications: Serotonin 5-HT1A receptor functional selectivity for CNS disorders. , 2022, 229, 107937.		35
2	Comparative diagnosis interest of NfL and pNfH in CSF and plasma in a context of FTDâ€“ALS spectrum. Journal of Neurology, 2022, 269, 1522-1529.	1.8	7
3	PET Metabolic Imaging of Time-Dependent Reorganization of Olfactory Cued Fear Memory Networks in Rats. Cerebral Cortex, 2022, 32, 2717-2728.	1.6	8
4	Impaired Local and Long-Range Brain Connectivity and Visual Response in a Genetic Rat Model of Hyperactivity Revealed by Functional Ultrasound. Frontiers in Neuroscience, 2022, 16, 865140.	1.4	0
5	Experimental neuropsychopharmacology, yesterday, today and tomorrow. A conversation with Michel Hamon. Therapie, 2021, 76, 63-66.	0.6	0
6	Clinical research in psychopharmacology, the current situation and its perspectives. A conversation with Pierre-Michel Llorca. Therapie, 2021, 76, 67-70.	0.6	0
7	The contrasting landscape of drug discovery in neuropsychopharmacology. A conversation with Adrian Newman-Tancredi. Therapie, 2021, 76, 71-74.	0.6	0
8	How to improve in France ADHD transition support from childhood to adulthood. L'Encephale, 2021, 47, 187-188.	0.3	0
9	Innovative approaches in CNS drug discovery. Therapie, 2021, 76, 101-109.	0.6	11
10	Cluster headache: state of the art of pharmacological treatments and therapeutic perspectives. Fundamental and Clinical Pharmacology, 2021, 35, 595-619.	1.0	6
11	Towards in vivo imaging of functionally active 5-HT1A receptors in schizophrenia: concepts and challenges. Translational Psychiatry, 2021, 11, 22.	2.4	11
12	Neuropsychopharmacology, a challenge for the understanding of the thinking brain and its future therapies. Therapie, 2021, 76, 61-62.	0.6	0
13	[18F]F13640, a 5-HT1A Receptor Radiopharmaceutical Sensitive to Brain Serotonin Fluctuations. Frontiers in Neuroscience, 2021, 15, 622423.	1.4	5
14	Ozone Atmospheric Pollution and Alzheimerâ€™s Disease: From Epidemiological Facts to Molecular Mechanisms. Advances in Alzheimer's Disease, 2021, , .	0.2	0
15	Inter-subject registration and application of the SIGMA rat brain atlas for regional labeling in functional ultrasound imaging. Journal of Neuroscience Methods, 2021, 355, 109139.	1.3	4
16	Fundamental and clinical neuropharmacology, a terra incognita with constantly expanding frontiers. Fundamental and Clinical Pharmacology, 2021, 35, 501-505.	1.0	1
17	Different Alterations of Agonist and Antagonist Binding to 5-HT1A Receptor in a Rat Model of Parkinsonâ€™s Disease and Levodopa-Induced Dyskinesia: A MicroPET Study. Journal of Parkinson's Disease, 2021, 11, 1257-1269.	1.5	2
18	18F-F13640 PET imaging of functional receptors in humans. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 220-221.	3.3	16

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19	Pharmacological MRI to investigate the functional selectivity of 5-HT _{1A} receptor biased agonists. <i>Neuropharmacology</i> , 2020, 172, 107867.	2.0	8
20	Pharmaco-fUS for Characterizing Drugs for Alzheimer's Disease – The Case of THN201, a Drug Combination of Donepezil Plus Mefloquine. <i>Frontiers in Neuroscience</i> , 2020, 14, 835.	1.4	14
21	Functional ultrasound imaging to study brain dynamics: Application of pharmaco-fUS to atomoxetine. <i>Neuropharmacology</i> , 2020, 179, 108273.	2.0	14
22	Change in Expression of 5-HT ₆ Receptor at Different Stages of Alzheimer's Disease: A Postmortem Study with the PET Radiopharmaceutical [¹⁸ F]2FNQ1P. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 1329-1338.	1.2	1
23	Bayesian Estimation of the ntPET Model in Single-Scan Competition PET Studies. <i>Frontiers in Physiology</i> , 2020, 11, 498.	1.3	8
24	MAPSSIC, a communicating MAPS-based intracerebral positrons probe for deep brain imaging in awake and freely-moving rats. <i>EPJ Web of Conferences</i> , 2020, 225, 09002.	0.1	0
25	Preclinical validation of [¹⁸ F]2FNQ1P as a specific PET radiotracer of 5-HT ₆ receptors in rat, pig, non-human primate and human brain tissue. <i>Nuclear Medicine and Biology</i> , 2020, 82-83, 57-63.	0.3	5
26	PET imaging of the influence of physiological and pathological α -synuclein on dopaminergic and serotonergic neurotransmission in mouse models. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 57-68.	1.9	8
27	Evaluation of Myelin Radiotracers in the Lysolecithin Rat Model of Focal Demyelination: Beware of Pitfalls!. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-10.	0.4	7
28	MAPSSIC, a Novel CMOS Intracerebral Positrons Probe for Deep Brain Imaging in Awake and Freely Moving Rats: A Monte Carlo Study. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 302-314.	2.7	3
29	Contrast Media & Molecular Imaging, a Journal at the Crossroads of the Scientific and Medical Disciplines of Biomedical Imaging. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-2.	0.4	0
30	Is There a Role for GPCR Agonist Radiotracers in PET Neuroimaging?. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 255.	1.4	29
31	Serotonin 5-HT _{1A} Receptor Biased Agonists Induce Different Cerebral Metabolic Responses: A [¹⁸ F]-Fluorodesoxyglucose Positron Emission Tomography Study in Conscious and Anesthetized Rats. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3108-3119.	1.7	15
32	Evaluation of [¹⁸ F]2FP3 in pigs and non-human primates. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019, 62, 34-42.	0.5	12
33	Ozone Atmospheric Pollution and Alzheimer's Disease: From Epidemiological Facts to Molecular Mechanisms. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 503-522.	1.2	46
34	¹⁸ F-F13640 preclinical evaluation in rodent, cat and primate as a 5-HT _{1A} receptor agonist for PET neuroimaging. <i>Brain Structure and Function</i> , 2018, 223, 2973-2988.	1.2	21
35	Implantable CMOS pixel sensor for positron imaging in rat brain. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 911, 19-24.	0.7	3
36	Amyloid-Beta Radiotracer [¹⁸ F]BF-227 Does Not Bind to Cytoplasmic Glial Inclusions of Postmortem Multiple System Atrophy Brain Tissue. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-7.	0.4	11

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37	Benzodiazepine dose reduction in prisoner patients: 15Âyears' teamwork between psychiatrists and pharmacists. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2018, 43, 807-812.	0.7	8
38	In Silico, in Vitro, and in Vivo Evaluation of New Candidates for Î±-Synuclein PET Imaging. <i>Molecular Pharmaceutics</i> , 2018, 15, 3153-3166.	2.3	40
39	In vivo biased agonism at 5-HT1A receptors: characterisation by simultaneous PET/MR imaging. <i>Neuropsychopharmacology</i> , 2018, 43, 2310-2319.	2.8	27
40	The in Vitro Actions of Loxapine on Dopaminergic and Serotonergic Receptors. Time to Consider Atypical Classification of This Antipsychotic Drug?. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 355-360.	1.0	6
41	Activity in the rat olfactory cortex is correlated with behavioral response to odor: a microPET study. <i>Brain Structure and Function</i> , 2017, 222, 577-586.	1.2	14
42	Quantitative longitudinal imaging of activated microglia as a marker of inflammation in the pilocarpine rat model of epilepsy using [¹¹ C]-(<i>i</i>)-PK11195 PET and MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1251-1263.	2.4	24
43	Contribution of Clinical Neuroimaging to the Understanding of the Pharmacology of Methylphenidate. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 608-620.	4.0	20
44	Oxytocin and Serotonin Brain Mechanisms in the Nonhuman Primate. <i>Journal of Neuroscience</i> , 2017, 37, 6741-6750.	1.7	52
45	[¹¹ C]PF-3274167 as a PET radiotracer of oxytocin receptors: Radiosynthesis and evaluation in rat brain. <i>Nuclear Medicine and Biology</i> , 2017, 55, 1-6.	0.3	5
46	Hippocampal 5-HT1A receptor expression changes in prodromal stages of Alzheimer's disease: Beneficial or deleterious?. <i>Neuropharmacology</i> , 2017, 123, 446-454.	2.0	22
47	Characterization and Reliability of [¹⁸ F]2FNQ1P in Cynomolgus Monkeys as a PET Radiotracer for Serotonin 5-HT6 Receptors. <i>Frontiers in Pharmacology</i> , 2017, 8, 471.	1.6	10
48	IMIC "needle-shaped" low-power monolithic active pixel sensor for molecular neuroimaging on awake and freely moving rats. , 2016, , .		0
49	A microPET comparison of the effects of etifoxine and diazepam on [¹¹ C]flumazenil uptake in rat brains. <i>Neuroscience Letters</i> , 2016, 612, 74-79.	1.0	6
50	Agonist and antagonist bind differently to 5-HT1A receptors during Alzheimer's disease: A post-mortem study with PET radiopharmaceuticals. <i>Neuropharmacology</i> , 2016, 109, 88-95.	2.0	34
51	Marmoset Serotonin 5-HT _{1A} Receptor Mapping with a Biased Agonist PET Probe ¹⁸ F-F13714: Comparison with an Antagonist Tracer ¹⁸ F-MPPF in Awake and Anesthetized States. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw079.	1.0	22
52	Selective serotonin 5-HT1A receptor biased agonists elicit distinct brain activation patterns: a pharmacMRI study. <i>Scientific Reports</i> , 2016, 6, 26633.	1.6	47
53	Imaging Dopamine and Serotonin Systems on MPTP Monkeys: A Longitudinal PET Investigation of Compensatory Mechanisms. <i>Journal of Neuroscience</i> , 2016, 36, 1577-1589.	1.7	42
54	Differential effects of amyloid-beta 1-40 and 1-42 fibrils on 5-HT 1A serotonin receptors in rat brain. <i>Neurobiology of Aging</i> , 2016, 40, 11-21.	1.5	24

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55	Pharmacological agonists for more-targeted CNS radio-pharmaceuticals. <i>Oncotarget</i> , 2016, 7, 80111-80112.	0.8	10
56	PIXSIC: A Wireless Intracerebral Radiosensitive Probe in Freely Moving Rats. <i>Molecular Imaging</i> , 2015, 14, 7290.2015.00020.	0.7	7
57	Selective trifluoromethylthiolation of heteroaromatic sp ² C-H bonds with the 2nd generation of trifluoromethanesulfenamide reagent. <i>Journal of Fluorine Chemistry</i> , 2015, 171, 78-81.	0.9	41
58	Preclinical evaluation of [18F]2FNQ1P as the first fluorinated serotonin 5-HT ₆ radioligand for PET imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 495-502.	3.3	17
59	PIXSIC, a Pixelated ¹²⁵ I-Sensitive Probe for Radiopharmacological Investigations in Rat Brain: Binding Studies with [18F]MPPF. <i>Molecular Imaging and Biology</i> , 2015, 17, 163-167.	1.3	4
60	A Multi-Atlas Based Method for Automated Anatomical Rat Brain MRI Segmentation and Extraction of PET Activity. <i>PLoS ONE</i> , 2014, 9, e109113.	1.1	40
61	A Postmortem Study to Compare Agonist and Antagonist 5-HT _{1A} Receptor-binding Sites in Alzheimer's Disease. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 930-934.	1.9	20
62	Synthesis and pharmacological evaluation of a new series of radiolabeled ligands for 5-HT ₇ receptor PET neuroimaging. <i>Nuclear Medicine and Biology</i> , 2014, 41, 330-337.	0.3	21
63	Electrophilic Trifluoromethylthiolation of Carbonyl Compounds. <i>Chemistry - A European Journal</i> , 2014, 20, 8589-8593.	1.7	129
64	Molecular imaging of the serotonin 5-HT ₇ receptors: from autoradiography to positron emission tomography. <i>Reviews in the Neurosciences</i> , 2014, 25, 357-65.	1.4	6
65	Syntheses, Radiolabelings, and in Vitro Evaluations of Fluorinated PET Radioligands of 5-HT ₆ Serotonergic Receptors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 3884-3890.	2.9	54
66	Binding of the PET Radiotracer [¹⁸ F]BF227 Does not Reflect the Presence of Alpha-Synuclein Aggregates in Transgenic Mice. <i>Current Alzheimer Research</i> , 2014, 11, 955-960.	0.7	13
67	Outcome of Poor-Grade Subarachnoid Hemorrhage as Determined by Biomarkers of Glucose Cerebral Metabolism. <i>Neurocritical Care</i> , 2013, 18, 234-244.	1.2	13
68	Radiosynthesis and in vivo evaluation of fluorinated huprine derivatives as PET radiotracers of acetylcholinesterase. <i>Nuclear Medicine and Biology</i> , 2013, 40, 554-560.	0.3	4
69	Current status of positron emission tomography radiotracers for serotonin receptors in humans. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2013, 56, 105-113.	0.5	22
70	A wireless beta-microprobe based on pixelated silicon for in vivo brain studies in freely moving rats. <i>Physics in Medicine and Biology</i> , 2013, 58, 4483-4500.	1.6	7
71	Ultra high performance liquid chromatography as a tool for the discovery and the analysis of biomarkers of diseases: A review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 927, 37-53.	1.2	62
72	Base-Catalyzed Electrophilic Trifluoromethylthiolation of Terminal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10814-10817.	7.2	137

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73	PET Radiotracers for Molecular Imaging of Serotonin 5-HT _{1A} Receptors. <i>Current Medicinal Chemistry</i> , 2013, 21, 70-81.	1.2	22
74	Radiosynthesis and Preclinical Evaluation of 18F-F13714 as a Fluorinated 5-HT _{1A} Receptor Agonist Radioligand for PET Neuroimaging. <i>Journal of Nuclear Medicine</i> , 2012, 53, 969-976.	2.8	24
75	Genetic association between helpless trait and depression-related phenotypes: evidence from crossbreeding studies with H/Rouen and NH/Rouen mice. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 363-374.	1.0	9
76	MPTP animal model of Parkinsonism: Dopamine receptor-mediated cell death or only tryptophan hydroxylase impairment? A Study Using PET Imaging, Autoradiography, and Immunohistochemistry in the Rat. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 934-941.	1.9	20
77	PET radiotracers for molecular imaging in the brain: Past, present and future. <i>NeuroImage</i> , 2012, 61, 363-370.	2.1	83
78	Enhanced Anxiety Observed in Cocaine Withdrawn Rats Is Associated with Altered Reactivity of the Dorsomedial Prefrontal Cortex. <i>PLoS ONE</i> , 2012, 7, e43535.	1.1	28
79	Internalization of serotonin 5-HT _{1A} autoreceptors as an imaging biomarker of antidepressant response. <i>Environmental Sciences Europe</i> , 2012, 1, 239-245.	2.6	2
80	Effects of amyloid- β peptides on the serotonergic 5-HT _{1A} receptors in the rat hippocampus. <i>Neurobiology of Aging</i> , 2011, 32, 103-114.	1.5	19
81	Impact of pharmacist and clinician dual intervention on prescribed benzodiazepines in prisoner patients: a retrospective study. <i>Fundamental and Clinical Pharmacology</i> , 2011, 25, 762-767.	1.0	9
82	Behaviour of a genetic mouse model of depression in the learned helplessness paradigm. <i>Psychopharmacology</i> , 2011, 215, 595-605.	1.5	16
83	Synthesis and biological evaluation of potential 5-HT ₇ receptor PET radiotracers. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3455-3461.	2.6	26
84	Genetic Inactivation of Prokineticin Receptor-1 Leads to Heart and Kidney Disorders. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 842-850.	1.1	24
85	Comparison of 4 Radiolabeled Antagonists for Serotonin 5-HT ₇ Receptor Neuroimaging: Toward the First PET Radiotracer. <i>Journal of Nuclear Medicine</i> , 2011, 52, 1811-1818.	2.8	37
86	[18F]F15599, a novel 5-HT _{1A} receptor agonist, as a radioligand for PET neuroimaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 594-605.	3.3	42
87	Looking for a 5-HT ₇ radiotracer for positron emission tomography. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 3730-3733.	1.0	23
88	Small-animal positron emission tomography as a tool for neuropharmacology. <i>Trends in Pharmacological Sciences</i> , 2010, 31, 411-417.	4.0	103
89	F15063, a potential antipsychotic with dopamine D ₂ /D ₃ receptor antagonist, 5-HT _{1A} receptor agonist and dopamine D ₄ receptor partial agonist properties: Influence on neuronal firing and neurotransmitter release. <i>European Journal of Pharmacology</i> , 2009, 607, 74-83.	1.7	9
90	MicroPET imaging of 5-HT _{1A} receptors in rat brain: a test-retest [18F]MPPF study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 53-62.	3.3	16

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91	Positron emission tomography neuroimaging for a better understanding of the biology of ADHD. <i>Neuropharmacology</i> , 2009, 57, 601-607.	2.0	44
92	Functional correlates for 5-HT1A receptors in maternally deprived rats displaying anxiety and depression-like behaviors. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 262-268.	2.5	54
93	In-capillary derivatization and capillary electrophoresis separation of amino acid neurotransmitters from brain microdialysis samples. <i>Journal of Chromatography A</i> , 2008, 1205, 144-149.	1.8	44
94	Can positron emission tomography facilitate paediatric drug development?. <i>Fundamental and Clinical Pharmacology</i> , 2008, 22, 595-598.	1.0	5
95	Decreased [18F]MPPF Binding Potential in the Dorsal Raphe Nucleus After a Single Oral Dose of Fluoxetine: A Positron-Emission Tomography Study in Healthy Volunteers. <i>Biological Psychiatry</i> , 2008, 63, 1135-1140.	0.7	41
96	Unchanged density of 5-HT1A autoreceptors on the plasma membrane of nucleus raphe dorsalis neurons in rats chronically treated with fluoxetine. <i>Neuroscience</i> , 2008, 151, 692-700.	1.1	30
97	Acute ethanol induces Fos in GABAergic and non-GABAergic forebrain neurons: A double-labeling study in the medial prefrontal cortex and extended amygdala. <i>Neuroscience</i> , 2008, 153, 259-267.	1.1	40
98	P.2.b.010 PKC blockade prevents the in vivo allosteric modulation of the 5-HT transporter induced by escitalopram. <i>European Neuropsychopharmacology</i> , 2008, 18, S318-S319.	0.3	0
99	A distinct [18F]MPPF PET profile in amnesic mild cognitive impairment compared to mild Alzheimer's disease. <i>NeuroImage</i> , 2008, 40, 1251-1256.	2.1	50
100	Toward a quantification of extracellular brain endogenous serotonin concentration with [18F]MPPF in a multi-injection PET protocol. <i>NeuroImage</i> , 2008, 41, T149.	2.1	1
101	The Potential of a Radiosensitive Intracerebral Probe to Monitor ¹⁸ F-MPPF Binding in Mouse Hippocampus In Vivo. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1155-1161.	2.8	5
102	Automated radiosynthesis of the Pittsburg compound-B using a commercial synthesizer. <i>Nuclear Medicine Communications</i> , 2008, 29, 920-926.	0.5	27
103	Test Retest Reproducibility of 18F-MPPF PET in Healthy Humans: A Reliability Study. <i>Journal of Nuclear Medicine</i> , 2007, 48, 1279-1288.	2.8	22
104	Up-regulation of hippocampal serotonin metabolism in mild cognitive impairment. <i>Neurology</i> , 2007, 69, 1012-1017.	1.5	68
105	R-citalopram prevents the neuronal adaptive changes induced by escitalopram. <i>NeuroReport</i> , 2007, 18, 1553-1556.	0.6	32
106	[18F]MPPF as a tool for the in vivo imaging of 5-HT1A receptors in animal and human brain. <i>Neuropharmacology</i> , 2007, 52, 695-707.	2.0	79
107	Synthesis and biological evaluation in rat and cat of [18F]12ST05 as a potential 5-HT6 PET radioligand. <i>Nuclear Medicine and Biology</i> , 2007, 34, 995-1002.	0.3	22
108	Raytest ClearPET [®] , a new generation small animal PET scanner. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 571, 498-501.	0.7	44

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109	Activation of afferents to the ventral tegmental area in response to acute amphetamine: a double-labeling study. <i>European Journal of Neuroscience</i> , 2007, 26, 1011-1025.	1.2	62
110	Effects of the serotonin 5-HT7 receptor antagonist SB-269970 on the inhibition of dopamine neuronal firing induced by amphetamine. <i>European Journal of Pharmacology</i> , 2007, 570, 72-76.	1.7	9
111	Simultaneous in vivo magnetic resonance imaging and radioactive measurements with the ^{125}I -MicroProbe. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007, 34, 1868-1872.	3.3	9
112	5-HT7 Receptor Antagonists as a New Class of Antidepressants. <i>Drug News and Perspectives</i> , 2007, 20, 613.	1.9	58
113	Increased serotonin receptor availability in human sleep: Evidence from an $[18\text{F}]$ MPPF PET study in narcolepsy. <i>NeuroImage</i> , 2006, 30, 341-348.	2.1	47
114	A PET imaging study of 5-HT1A receptors in cat brain after acute and chronic fluoxetine treatment. <i>NeuroImage</i> , 2006, 33, 834-842.	2.1	46
115	A comparison of in vivo and in vitro neuroimaging of 5-HT1A receptor binding sites in the cat brain. <i>Journal of Chemical Neuroanatomy</i> , 2006, 31, 226-232.	1.0	27
116	Chloramphenicol decreases brain glucose utilization and modifies the sleep-wake cycle architecture in rats. <i>Journal of Neurochemistry</i> , 2005, 93, 1623-1632.	2.1	9
117	A new multimodality system for quantitative in vivo studies in small animals: combination of nuclear magnetic resonance and the radiosensitive ^{125}I -MicroProbe. <i>IEEE Transactions on Nuclear Science</i> , 2005, 52, 1281-1287.	1.2	2
118	A ^{18}F -MPPF PET normative database of 5-HT1A receptor binding in men and women over aging. <i>Journal of Nuclear Medicine</i> , 2005, 46, 1980-9.	2.8	85
119	Acute Treatment with the Antidepressant Fluoxetine Internalizes 5-HT1A Autoreceptors and Reduces the In Vivo Binding of the PET Radioligand $[18\text{F}]$ MPPF in the Nucleus Raphe Dorsalis of Rat. <i>Journal of Neuroscience</i> , 2004, 24, 5420-5426.	1.7	129
120	The ANIMAGE project: a multimodal imaging platform for small animal research. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 527, 117-123.	0.7	2
121	Combining the radiosensitive Beta MicroProbe to Nuclear Magnetic Resonance: theoretical approach for in vivo studies in small animals. <i>Journal of Neuroscience Methods</i> , 2004, 140, 47-52.	1.3	7
122	Toward brain imaging of serotonin 5-HT1A autoreceptor internalization. <i>NeuroImage</i> , 2004, 22, 1421-1421.	2.1	0
123	Toward brain imaging of serotonin 5-HT1A autoreceptor internalization. <i>NeuroImage</i> , 2004, 22, 1421-1426.	2.1	54
124	PET study of the $[11\text{C}]$ raclopride binding in the striatum of the awake cat: effects of anaesthetics and role of cerebral blood flow. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2003, 30, 141-148.	3.3	64
125	Displacement of the PET ligand ^{18}F -MPPF by the electrically evoked serotonin release in the rat hippocampus. <i>Synapse</i> , 2003, 49, 239-245.	0.6	29
126	Carbon-11 labelling of 8- $\{3-[4-(2-[11\text{C}]$ methoxyphenyl)piperazin-1-yl]-2-hydroxypropyl\}oxythiochroman, a presynaptic 5-HT1A receptor agonist, and its in vivo evaluation in anaesthetised rat and in awake cat. <i>Nuclear Medicine and Biology</i> , 2003, 30, 541-546.	0.3	32

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145	Chronic n-3 polyunsaturated fatty acid diet-deficiency acts on dopamine metabolism in the rat frontal cortex: a microdialysis study. <i>Neuroscience Letters</i> , 1998, 240, 177-181.	1.0	110
146	Evolution of dopamine receptors in the rat after neonatal hypoxia-ischemia: Autoradiographic studies. <i>Life Sciences</i> , 1996, 60, 151-162.	2.0	18