

# Nadja Van Camp

## List of Publications by Year in descending order

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37  
papers

2,625  
citations

331670

21  
h-index

395702

33  
g-index

40  
all docs

40  
docs citations

40  
times ranked

4036  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human ESC-Derived Dopamine Neurons Show Similar Preclinical Efficacy and Potency to Fetal Neurons when Grafted in a Rat Model of Parkinson's Disease. <i>Cell Stem Cell</i> , 2014, 15, 653-665.	11.1	373
2	Nuclear imaging of neuroinflammation: a comprehensive review of [ <sup>11</sup> C]PK11195 challengers. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 2304-2319.	6.4	359
3	Reactive Astrocytes Overexpress TSPO and Are Detected by TSPO Positron Emission Tomography Imaging. <i>Journal of Neuroscience</i> , 2012, 32, 10809-10818.	3.6	286
4	Comparative Evaluation of the Translocator Protein Radioligands [ <sup>11</sup> C]-DPA-713, [ <sup>18</sup> F]-DPA-714, and [ <sup>11</sup> C]-PK11195 in a Rat Model of Acute Neuroinflammation. <i>Journal of Nuclear Medicine</i> , 2009, 50, 468-476.	5.0	208
5	A fully noninvasive and robust experimental protocol for longitudinal fMRI studies in the rat. <i>NeuroImage</i> , 2006, 29, 1303-1310.	4.2	200
6	Evaluation of the PBR/TSPO Radioligand [ <sup>18</sup> F]-DPA-714 in a Rat Model of Focal Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 230-241.	4.3	184
7	Targeted mutation of <i>Cyln2</i> in the Williams syndrome critical region links CLIP-115 haploinsufficiency to neurodevelopmental abnormalities in mice. <i>Nature Genetics</i> , 2002, 32, 116-127.	21.4	163
8	Current status of functional MRI on small animals: application to physiology, pathophysiology, and cognition. <i>NMR in Biomedicine</i> , 2007, 20, 522-545.	2.8	93
9	Contribution of <i>CYLN2</i> and <i>GTF2IRD1</i> to neurological and cognitive symptoms in Williams Syndrome. <i>Neurobiology of Disease</i> , 2007, 26, 112-124.	4.4	67
10	In vivo imaging of neuroinflammation: a comparative study between [ <sup>18</sup> F]PBR111, [ <sup>11</sup> C]CLINME and [ <sup>11</sup> C]PK11195 in an acute rodent model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 962-972.	6.4	67
11	Diffusion tensor imaging in a rat model of Parkinson's disease after lesioning of the nigrostriatal tract. <i>NMR in Biomedicine</i> , 2009, 22, 697-706.	2.8	65
12	Light Stimulus Frequency Dependence of Activity in the Rat Visual System as Studied With High-Resolution BOLD fMRI. <i>Journal of Neurophysiology</i> , 2006, 95, 3164-3170.	1.8	60
13	In vivo imaging of neuroinflammation in the rodent brain with [ <sup>11</sup> C]SSR180575, a novel indoleacetamide radioligand of the translocator protein (18 kDa). <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 509-514.	6.4	51
14	Simultaneous electroencephalographic recording and functional magnetic resonance imaging during pentylenetetrazol-induced seizures in rat. <i>NeuroImage</i> , 2003, 19, 627-636.	4.2	50
15	Stimulation of the rat somatosensory cortex at different frequencies and pulse widths. <i>NMR in Biomedicine</i> , 2006, 19, 10-17.	2.8	48
16	[ <sup>18</sup> F]DPA-714 PET imaging of translocator protein TSPO (18 kDa) in the normal and excitotoxically-lesioned nonhuman primate brain. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 478-494.	6.4	45
17	TSPO imaging in animal models of brain diseases. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 49, 77-109.	6.4	37
18	Ammonia affects brain nitrogen metabolism but not hydration status in the Gulf toadfish ( <i>Opsanus beta</i> ). <i>Journal of Experimental Biology</i> , 2010, 233, 100-107.	4.0	32

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19	Cell Therapy for Parkinson's Disease: A Translational Approach to Assess the Role of Local and Systemic Immunosuppression. <i>American Journal of Transplantation</i> , 2016, 16, 2016-2029.	4.7	31
20	A complementary diffusion tensor imaging (DTI)-histological study in a model of Huntington's disease. <i>Neurobiology of Aging</i> , 2012, 33, 945-959.	3.1	29
21	Long-chain n-3 PUFAs from fish oil enhance resting state brain glucose utilization and reduce anxiety in an adult nonhuman primate, the grey mouse lemur. <i>Journal of Lipid Research</i> , 2015, 56, 1511-1518.	4.2	26
22	Complete spatial characterisation of N-glycosylation upon striatal neuroinflammation in the rodent brain. <i>Journal of Neuroinflammation</i> , 2021, 18, 116.	7.2	23
23	Genotype specific age related changes in a transgenic rat model of Huntington's disease. <i>NeuroImage</i> , 2011, 58, 1006-1016.	4.2	22
24	A comparison between blood oxygenation level-dependent and cerebral blood volume contrast in the rat cerebral and cerebellar somatosensory cortex during electrical paw stimulation. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 22, 483-491.	3.4	18
25	Radiosynthesis of <sup>11</sup> C-methyl-3-(4-chlorophenyl)-5,6-dihydro-4H-pyridazin-7-yl-SSR180575, a novel radioligand for imaging the TSPO (peripheral benzodiazepine) receptor. <i>Journal of Nuclear Medicine</i> , 2016, 57, 167-174.	1.0	16
26	IRC-082451, a Novel Multitargeting Molecule, Reduces L-DOPA-Induced Dyskinesias in MPTP Parkinsonian Primates. <i>PLoS ONE</i> , 2013, 8, e52680.	2.5	15
27	Gene Therapy for Parkinson's Disease: Preclinical Evaluation of Optimally Configured TH:CH1 Fusion for Maximal Dopamine Synthesis. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 14, 206-216.	4.1	12
28	Morphologic and functional changes in the unilateral 6-hydroxydopamine lesion rat model for Parkinson's disease discerned with <sup>18</sup> F-SPECT and quantitative MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2010, 23, 65-75.	2.0	10
29	Comparative test-retest variability of outcome parameters derived from brain [ <sup>18</sup> F]FDG PET studies in non-human primates. <i>PLoS ONE</i> , 2020, 15, e0240228.	2.5	9
30	Longitudinal characterization of cognitive and motor deficits in an excitotoxic lesion model of striatal dysfunction in non-human primates. <i>Neurobiology of Disease</i> , 2019, 130, 104484.	4.4	8
31	The C-Terminal Domain of LRRK2 with the G2019S Substitution Increases Mutant A53T $\alpha$ -Synuclein Toxicity in Dopaminergic Neurons In Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6760.	4.1	7
32	The pharmacokinetics of [ <sup>18</sup> F]UCB-H revisited in the healthy non-human primate brain. <i>EJNMMI Research</i> , 2021, 11, 36.	2.5	5
33	Assessment of simplified methods for quantification of [ <sup>18</sup> F]-DPA-714 using 3D whole-brain TSPO immunohistochemistry in a non-human primate. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1103-1116.	4.3	4
34	Robust estimation of the noise variance from background MR data. <i>Magnetic Resonance in Medicine</i> , 2006, 50, 111-118.		2
35	200. Advancing a State of the Art Gene Therapy for Parkinson's Disease. <i>Molecular Therapy</i> , 2015, 23, S79-S80.	8.2	0
36	Advanced imaging of transplant survival, fate, differentiation, and integration. <i>Progress in Brain Research</i> , 2017, 230, 283-303.	1.4	0

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37	In vivo multimodal (MRI, SPECT) imaging of the 6-OHDA rat model for Parkinson's disease correlated with behavior and histology. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S392-S392.	4.3	0