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	The pharmacokinetics of [18F]UCB-H revisited in the healthy non-human primate brain. EJNMMI Research, 2021, 11, 36.	2.5	5
2	Complete spatial characterisation of N-glycosylation upon striatal neuroinflammation in the rodent brain. Journal of Neuroinflammation, 2021, 18, 116.	7.2	23
3	The C-Terminal Domain of LRRK2 with the G2019S Substitution Increases Mutant A53T Î±-Synuclein Toxicity in Dopaminergic Neurons In Vivo. International Journal of Molecular Sciences, 2021, 22, 6760.	4.1	7
4	TSPO imaging in animal models of brain diseases. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 49, 77-109.	6.4	37
5	Assessment of simplified methods for quantification of [18F]-DPA-714 using 3D whole-brain TSPO immunohistochemistry in a non-human primate. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1103-1116.	4.3	4
6	Comparative test-retest variability of outcome parameters derived from brain [18F]FDG PET studies in non-human primates. PLoS ONE, 2020, 15, e0240228.	2.5	9
7	Gene Therapy for Parkinsonâ€™s Disease: Preclinical Evaluation of Optimally Configured TH:CH1 Fusion for Maximal Dopamine Synthesis. Molecular Therapy - Methods and Clinical Development, 2019, 14, 206-216.	4.1	12
8	Longitudinal characterization of cognitive and motor deficits in an excitotoxic lesion model of striatal dysfunction in non-human primates. Neurobiology of Disease, 2019, 130, 104484.	4.4	8
9	Advanced imaging of transplant survival, fate, differentiation, and integration. Progress in Brain Research, 2017, 230, 283-303.	1.4	0
10	Cell Therapy for Parkinsonâ€™s Disease: A Translational Approach to Assess the Role of Local and Systemic Immunosuppression. American Journal of Transplantation, 2016, 16, 2016-2029.	4.7	31
11	200. Advancing a State of the Art Gene Therapy for Parkinson's Disease. Molecular Therapy, 2015, 23, S79-S80.	8.2	0
12	[18F]DPA-714 PET imaging of translocator protein TSPO (18ÂkDa) in the normal and excitotoxically-lesioned nonhuman primate brain. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 478-494.	6.4	45
13	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. Journal of Lipid Research, 2015, 56, 1511-1518.	4.2	26
14	Human ESC-Derived Dopamine Neurons Show Similar Preclinical Efficacy and Potency to Fetal Neurons when Grafted in a Rat Model of Parkinsonâ€™s Disease. Cell Stem Cell, 2014, 15, 653-665.	11.1	373
15	IRC-082451, a Novel Multitargeting Molecule, Reduces L-DOPA-Induced Dyskinesias in MPTP Parkinsonian Primates. PLoS ONE, 2013, 8, e52680.	2.5	15
16	Reactive Astrocytes Overexpress TSPO and Are Detected by TSPO Positron Emission Tomography Imaging. Journal of Neuroscience, 2012, 32, 10809-10818.	3.6	286
17	A complementary diffusion tensor imaging (DTI)-histological study in a model of Huntington's disease. Neurobiology of Aging, 2012, 33, 945-959.	3.1	29
18	Genotype specific age related changes in a transgenic rat model of Huntington's disease. NeuroImage, 2011, 58, 1006-1016.	4.2	22

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19	In vivo imaging of neuroinflammation in the rodent brain with [11C]SSR180575, a novel indoleacetamide radioligand of the translocator protein (18ÂkDa). European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 509-514.	6.4	51
20	In vivo imaging of neuroinflammation: a comparative study between [18F]PBR111, [11C]CLINME and [11C]PK11195 in an acute rodent model. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 962-972.	6.4	67
21	Morphologic and functional changes in the unilateral 6-hydroxydopamine lesion rat model for Parkinsonâ€™s disease discerned withÂÎ¼SPECT and quantitative MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2010, 23, 65-75.	2.0	10
22	Radiosynthesis of 7â€chloroâ€N,Nâ€dimethylâ€5â€[¹¹C]methylâ€4â€oxoâ€3â€phenylâ€3,5â€dihydroâ€4Hâ€pyridazin [¹¹C]SSR180575, a novel radioligand for imaging the TSPO (peripheral benzodiazepine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.0	16
23	Evaluation of the PBR/TSPO Radioligand [¹⁸F]DPA-714 in a Rat Model of Focal Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 230-241.	4.3	184
24	Comparative Evaluation of the Translocator Protein Radioligands ¹¹C-DPA-713, ¹⁸F-DPA-714, and ¹¹C-PK11195 in a Rat Model of Acute Neuroinflammation. Journal of Nuclear Medicine, 2009, 50, 468-476.	5.0	208
25	Diffusion tensor imaging in a rat model of Parkinson's disease after lesioning of the nigrostriatal tract. NMR in Biomedicine, 2009, 22, 697-706.	2.8	65
26	Nuclear imaging of neuroinflammation: a comprehensive review of [11C]PK11195 challengers. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 2304-2319.	6.4	359
27	Current status of functional MRI on small animals: application to physiology, pathophysiology, and cognition. NMR in Biomedicine, 2007, 20, 522-545.	2.8	93
28	Contribution of CYLN2 and GTF2IRD1 to neurological and cognitive symptoms in Williams Syndrome. Neurobiology of Disease, 2007, 26, 112-124.	4.4	67
29	A fully noninvasive and robust experimental protocol for longitudinal fMRI studies in the rat. NeuroImage, 2006, 29, 1303-1310.	4.2	200
30	Robust estimation of the noise variance from background MR data. , 2006, , .		2
31	Light Stimulus Frequency Dependence of Activity in the Rat Visual System as Studied With High-Resolution BOLD fMRI. Journal of Neurophysiology, 2006, 95, 3164-3170.	1.8	60
32	Stimulation of the rat somatosensory cortex at different frequencies and pulse widths. NMR in Biomedicine, 2006, 19, 10-17.	2.8	48
33	A comparison between blood oxygenation level-dependent and cerebral blood volume contrast in the rat cerebral and cerebellar somatosensoric cortex during electrical paw stimulation. Journal of Magnetic Resonance Imaging, 2005, 22, 483-491.	3.4	18
34	Ammonia affects brain nitrogen metabolism but not hydration status in the Gulf toadfish (Opsanus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.0	32
35	In vivo multimodal (MRI, SPECT) imaging of the 6-OHDA rat model for Parkinson's disease correlated with behavior and histology. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S392-S392.	4.3	0
36	Simultaneous electroencephalographic recording and functional magnetic resonance imaging during pentylenetetrazol-induced seizures in rat. NeuroImage, 2003, 19, 627-636.	4.2	50

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37	Targeted mutation of Cyln2 in the Williams syndrome critical region links CLIP-115 haploinsufficiency to neurodevelopmental abnormalities in mice. Nature Genetics, 2002, 32, 116-127.	21.4	163