Anke Van der Perren

List of Publications by Year
in descending order

20	958	840585 11	752573 20
papers	citations	h-index	g-index

20	20	20	1806
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Linking Neuroinflammation and Neurodegeneration in Parkinsonâ€™s Disease. Journal of Immunology Research, 2018, 2018, 1-12.	0.9	327
2	The structural differences between patient-derived Î±-synuclein strains dictate characteristics of Parkinsonâ€™s disease, multiple system atrophy and dementia with Lewy bodies. Acta Neuropathologica, 2020, 139, 977-1000.	3.9	149
3	Longitudinal follow-up and characterization of a robust rat model for Parkinson's disease based on overexpression of alpha-synuclein with adeno-associated viral vectors. Neurobiology of Aging, 2015, 36, 1543-1558.	1.5	75
4	FK506 reduces neuroinflammation and dopaminergic neurodegeneration in an Î±-synuclein-based rat model for Parkinson's disease. Neurobiology of Aging, 2015, 36, 1559-1568.	1.5	68
5	Identification of the allosteric P2X7 receptor antagonist [11C]SMW139 as a PET tracer of microglial activation. Scientific Reports, 2018, 8, 6580.	1.6	54
6	Peripheral Inflammation Regulates CNS Immune Surveillance Through the Recruitment of Inflammatory Monocytes Upon Systemic Î±-Synuclein Administration. Frontiers in Immunology, 2019, 10, 80.	2.2	45
7	Alpha-synuclein-induced neurodegeneration is exacerbated in PINK1 knockout mice. Neurobiology of Aging, 2014, 35, 2625-2636.	1.5	44
8	Nigral proteasome inhibition in mice leads to motor and non-motor deficits and increased expression of Ser129 phosphorylated ÃŽÂ±-synuclein. Frontiers in Behavioral Neuroscience, 2015, 9, 68.	1.0	41
9	Increased P2X7 Receptor Binding Is Associated With Neuroinflammation in Acute but Not Chronic Rodent Models for Parkinsonâ€™s Disease. Frontiers in Neuroscience, 2019, 13, 799.	1.4	35
10	Altered mGluR5 binding potential and glutamine concentration in the 6-OHDA rat model of acute Parkinson's disease and levodopa-induced dyskinesia. Neurobiology of Aging, 2018, 61, 82-92.	1.5	29
11	Temporal changes in neuroinflammation and brain glucose metabolism in a rat model of viral vector-induced Î±-synucleinopathy. Experimental Neurology, 2019, 320, 112964.	2.0	12
12	Nigral overexpression of alpha-synuclein in the absence of parkin enhances alpha-synuclein phosphorylation but does not modulate dopaminergic neurodegeneration. Molecular Neurodegeneration, 2015, 10, 23.	4.4	11
13	Noninvasive Imaging Reveals Stable Transgene Expression in Mouse Airways After Delivery of a Nonintegrating Recombinant Adeno-Associated Viral Vector. Human Gene Therapy, 2016, 27, 60-71.	1.4	10
14	LRRK2 Ablation Attenuates Alpha-Synucleinâ€“Induced Neuroinflammation Without Affecting Neurodegeneration or Neuropathology In Vivo. Neurotherapeutics, 2021, 18, 949-961.	2.1	10
15	Rab7 reduces Î±-synuclein toxicity in rats and primary neurons. Experimental Neurology, 2022, 347, 113900.	2.0	10
16	Host oligodendrogliopathy and Î±-synuclein strains dictate disease severity in multiple system atrophy. Brain, 2023, 146, 237-251.	3.7	10
17	Chronic nigral neuromodulation aggravates behavioral deficits and synaptic changes in an Î±-synuclein based rat model for Parkinsonâ€™s disease. Acta Neuropathologica Communications, 2019, 7, 160.	2.4	9
18	Development of an Alpha-synuclein Based Rat Model for Parkinson's Disease via Stereotactic Injection of a Recombinant Adeno-associated Viral Vector. Journal of Visualized Experiments, 2016, , 53670.	0.2	8

#	Article	IF	Citations
19	Binocular pattern deprivation interferes with the expression of proteins involved in primary visual cortex maturation in the cat. Molecular Brain, 2015, 8, 48.	1.3	6
20	Identifying a glucose metabolic brain pattern in an adeno-associated viral vector based rat model for Parkinsonâ€™s disease using 18F-FDG PET imaging. Scientific Reports, 2019, 9, 12368.	1.6	5