

# Benedicte Ballanger

## List of Publications by Year in descending order

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44  
papers

2,452  
citations

218381

26  
h-index

264894

42  
g-index

45  
all docs

45  
docs citations

45  
times ranked

3183  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dysfunction of the Default Mode Network in Parkinson Disease. Archives of Neurology, 2009, 66, 877-83.	4.9	243
2	Stimulation of the subthalamic nucleus and impulsivity: Release your horses. Annals of Neurology, 2009, 66, 817-824.	2.8	225
3	Serotonin 2A Receptors and Visual Hallucinations in Parkinson Disease. Archives of Neurology, 2010, 67, 416-21.	4.9	220
4	Drug-induced deactivation of inhibitory networks predicts pathological gambling in PD. Neurology, 2010, 75, 1711-1716.	1.5	191
5	Dopamine Agonists Diminish Value Sensitivity of the Orbitofrontal Cortex: A Trigger for Pathological Gambling in Parkinson's Disease?. Neuropsychopharmacology, 2009, 34, 2758-2766.	2.8	140
6	Role of serotonergic 1A receptor dysfunction in depression associated with Parkinson's disease. Movement Disorders, 2012, 27, 84-89.	2.2	112
7	Cerebral blood flow changes induced by pedunculo-pontine nucleus stimulation in patients with advanced Parkinson's disease: A [ <sup>15</sup> O] H <sub>2</sub> O PET study. Human Brain Mapping, 2009, 30, 3901-3909.	1.9	99
8	Contact dependent reproducible hypomania induced by deep brain stimulation in Parkinson's disease: clinical, anatomical and functional imaging study. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 607-614.	0.9	89
9	Molecular imaging to track Parkinson's disease and atypical parkinsonisms: New imaging frontiers. Movement Disorders, 2017, 32, 181-192.	2.2	88
10	Dopamine Agonists Diminish Value Sensitivity of the Orbitofrontal Cortex: A Trigger for Pathological Gambling in Parkinson's Disease?. Neuropsychopharmacology, 2009, 34, 2758-66.	2.8	83
11	Paradoxical Kinesia is not a Hallmark of Parkinson's disease but a general property of the motor system. Movement Disorders, 2006, 21, 1490-1495.	2.2	74
12	Increased dopamine release in the right anterior cingulate cortex during the performance of a sorting task: A [ <sup>11</sup> C]FLB 457 PET study. NeuroImage, 2009, 46, 516-521.	2.1	60
13	rCBF changes associated with PPN stimulation in a patient with Parkinson's disease: A PET study. Movement Disorders, 2008, 23, 1051-1054.	2.2	56
14	Proactive Inhibitory Control of Response as the Default State of Executive Control. Frontiers in Psychology, 2012, 3, 59.	1.1	56
15	The paradoxical effect of warning on reaction time: Demonstrating proactive response inhibition with event-related potentials. Clinical Neurophysiology, 2009, 120, 730-737.	0.7	54
16	Behavioural impact of a double dopaminergic and serotonergic lesion in the non-human primate. Brain, 2015, 138, 2632-2647.	3.7	54
17	Globus Pallidus Stimulation Reduces Frontal Hyperactivity in Tardive Dystonia. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 1127-1138.	2.4	47
18	PET Functional Imaging of Deep Brain Stimulation in Movement Disorders and Psychiatry. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1743-1754.	2.4	45

#	ARTICLE	IF	CITATIONS
19	A multi-atlas based method for automated anatomical Macaca fascicularis brain MRI segmentation and PET kinetic extraction. <i>NeuroImage</i> , 2013, 77, 26-43.	2.1	45
20	Motor urgency is mediated by the contralateral cerebellum in Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 1110-1116.	0.9	43
21	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
22	Deep Brain Stimulation of the Subthalamic Nucleus, but not Dopaminergic Medication, Improves Proactive Inhibitory Control of Movement Initiation in Parkinson's Disease. <i>Neurotherapeutics</i> , 2013, 10, 154-167.	2.1	38
23	Contribution of insula in Parkinson's disease: A quantitative meta-analysis study. <i>Human Brain Mapping</i> , 2016, 37, 1375-1392.	1.9	36
24	Removing deep brain stimulation artifacts from the electroencephalogram: Issues, recommendations and an open-source toolbox. <i>Clinical Neurophysiology</i> , 2018, 129, 2170-2185.	0.7	33
25	Functional anatomy of motor urgency. <i>NeuroImage</i> , 2007, 37, 243-252.	2.1	29
26	Effects of dopamine and serotonin antagonist injections into the striatopallidal complex of asymptomatic MPTP-treated monkeys. <i>Neurobiology of Disease</i> , 2012, 48, 27-39.	2.1	26
27	Functional imaging correlates of akinesia in Parkinson's disease: Still open issues. <i>NeuroImage: Clinical</i> , 2019, 21, 101644.	1.4	25
28	Top-Down Control of Saccades as Part of a Generalized Model of Proactive Inhibitory Control. <i>Journal of Neurophysiology</i> , 2009, 102, 2578-2580.	0.9	22
29	Interaction of Noradrenergic Pharmacological Manipulation and Subthalamic Stimulation on Movement Initiation Control in Parkinson's Disease. <i>Brain Stimulation</i> , 2015, 8, 27-35.	0.7	22
30	Slowness in Movement Initiation is Associated with Proactive Inhibitory Network Dysfunction in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2016, 6, 433-440.	1.5	20
31	Testing the physiological plausibility of conflicting psychological models of response inhibition: A forward inference fMRI study. <i>Behavioural Brain Research</i> , 2017, 333, 192-202.	1.2	20
32	A Functional Magnetic Resonance Imaging Study of Pathophysiological Changes Responsible for Mirror Movements in Parkinson's Disease. <i>PLoS ONE</i> , 2013, 8, e66910.	1.1	18
33	Clonidine modulates the activity of the subthalamic-supplementary motor loop: evidence from a pharmacological study combining deep brain stimulation and electroencephalography recordings in Parkinsonian patients. <i>Journal of Neurochemistry</i> , 2018, 146, 333-347.	2.1	14
34	Functional imaging studies of Impulse Control Disorders in Parkinson's disease need a stronger neurocognitive footing. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 164-176.	2.9	14
35	Inhibitory control dysfunction in parkinsonian impulse control disorders. <i>Brain</i> , 2020, 143, 3734-3747.	3.7	13
36	EMG as a key tool to assess motor lateralization and hand reaction time asymmetries. <i>Journal of Neuroscience Methods</i> , 2009, 179, 85-89.	1.3	11

#	ARTICLE	IF	CITATIONS
37	The Human Basal Ganglia Mediate the Interplay between Reactive and Proactive Control of Response through Both Motor Inhibition and Sensory Modulation. <i>Brain Sciences</i> , 2021, 11, 560.	1.1	11
38	Functional imaging of non-motor signs in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2012, 315, 9-14.	0.3	9
39	Perceptual factors contribute to akinesia in Parkinson's disease. <i>Experimental Brain Research</i> , 2007, 179, 245-253.	0.7	8
40	Odorants: a tool to provide nonpharmacological intervention to reduce anxiety during normal and pathological aging. <i>Neurobiology of Aging</i> , 2019, 82, 18-29.	1.5	7
41	Modeling [11C]yohimbine PET human brain kinetics with test-retest reliability, competition sensitivity studies and search for a suitable reference region. <i>NeuroImage</i> , 2021, 240, 118328.	2.1	6
42	Resting state oscillations suggest a motor component of Parkinson's Impulse Control Disorders. <i>Clinical Neurophysiology</i> , 2019, 130, 2065-2075.	0.7	4
43	Primate brain template image and reference atlas creation for voxel-based functional analysis of PET in <i>Macaca fascicularis</i> . <i>NeuroImage</i> , 2010, 52, S174-S175.	2.1	0
44	Modulation of Brain Functioning by Deep Brain Stimulation: Contributions from PET Functional Imaging. , 2014, , 1011-1033.		0