

# Benedicte Ballanger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3306018/publications.pdf>

Version: 2024-02-01

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  | 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        |
| 2  | 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         |
| 3  | Inhibitory control dysfunction in parkinsonian impulse control disorders. <i>Brain</i> , 2020, 143, 3734-3747.  | 3.7 | 13        |
| 4  | 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         |
| 5  | Resting state oscillations suggest a motor component of Parkinson's Impulse Control Disorders. <i>Clinical Neurophysiology</i> , 2019, 130, 2065-2075.  | 0.7 | 4         |
| 6  | Functional imaging correlates of akinesia in Parkinson's disease: Still open issues. <i>NeuroImage: Clinical</i> , 2019, 21, 101644.  | 1.4 | 25        |
| 7  | 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        |
| 8  | 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        |
| 9  | 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        |
| 10 | Molecular imaging to track Parkinson's disease and atypical parkinsonisms: New imaging frontiers. <i>Movement Disorders</i> , 2017, 32, 181-192.  | 2.2 | 88        |
| 11 | 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        |
| 12 | Contribution of insula in Parkinson's disease: A quantitative meta-analysis study. <i>Human Brain Mapping</i> , 2016, 37, 1375-1392.  | 1.9 | 36        |
| 13 | 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        |
| 14 | 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        |
| 15 | 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        |
| 16 | Behavioural impact of a double dopaminergic and serotonergic lesion in the non-human primate. <i>Brain</i> , 2015, 138, 2632-2647.  | 3.7 | 54        |
| 17 | Modulation of Brain Functioning by Deep Brain Stimulation: Contributions from PET Functional Imaging. , 2014, , 1011-1033.  |     | 0         |
| 18 | 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        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | Functional imaging of non-motor signs in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2012, 315, 9-14.  | 0.3 | 9         |
| 22 | Proactive Inhibitory Control of Response as the Default State of Executive Control. <i>Frontiers in Psychology</i> , 2012, 3, 59.   | 1.1 | 56        |
| 23 | 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        |
| 24 | Role of serotonergic 1A receptor dysfunction in depression associated with Parkinson's disease. <i>Movement Disorders</i> , 2012, 27, 84-89.  | 2.2 | 112       |
| 25 | Contact dependent reproducible hypomania induced by deep brain stimulation in Parkinson's disease: clinical, anatomical and functional imaging study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 607-614. | 0.9 | 89        |
| 26 | Serotonin 2A Receptors and Visual Hallucinations in Parkinson Disease. <i>Archives of Neurology</i> , 2010, 67, 416-21.   | 4.9 | 220       |
| 27 | Drug-induced deactivation of inhibitory networks predicts pathological gambling in PD. <i>Neurology</i> , 2010, 75, 1711-1716.  | 1.5 | 191       |
| 28 | 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         |
| 29 | Dysfunction of the Default Mode Network in Parkinson Disease. <i>Archives of Neurology</i> , 2009, 66, 877-83.  | 4.9 | 243       |
| 30 | 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        |
| 31 | Dopamine Agonists Diminish Value Sensitivity of the Orbitofrontal Cortex: A Trigger for Pathological Gambling in Parkinson's Disease?. <i>Neuropsychopharmacology</i> , 2009, 34, 2758-2766.  | 2.8 | 140       |
| 32 | Stimulation of the subthalamic nucleus and impulsivity: Release your horses. <i>Annals of Neurology</i> , 2009, 66, 817-824.  | 2.8 | 225       |
| 33 | Cerebral blood flow changes induced by pedunclopontine nucleus stimulation in patients with advanced Parkinson's disease: A [ <sup>15</sup> O] H <sub>2</sub> O PET study. <i>Human Brain Mapping</i> , 2009, 30, 3901-3909.        | 1.9 | 99        |
| 34 | PET Functional Imaging of Deep Brain Stimulation in Movement Disorders and Psychiatry. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 1743-1754.  | 2.4 | 45        |
| 35 | 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        |
| 36 | The paradoxical effect of warning on reaction time: Demonstrating proactive response inhibition with event-related potentials. <i>Clinical Neurophysiology</i> , 2009, 120, 730-737.  | 0.7 | 54        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | 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. <i>NeuroImage</i> , 2009, 46, 516-521.  | 2.1 | 60        |
| 38 | Dopamine Agonists Diminish Value Sensitivity of the Orbitofrontal Cortex: A Trigger for Pathological Gambling in Parkinson's Disease?. <i>Neuropsychopharmacology</i> , 2009, 34, 2758-66. | 2.8 | 83        |
| 39 | rCBF changes associated with PPN stimulation in a patient with Parkinson's disease: A PET study. <i>Movement Disorders</i> , 2008, 23, 1051-1054.  | 2.2 | 56        |
| 40 | Globus Pallidus Stimulation Reduces Frontal Hyperactivity in Tardive Dystonia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 1127-1138.                                 | 2.4 | 47        |
| 41 | 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        |
| 42 | Functional anatomy of motor urgency. <i>NeuroImage</i> , 2007, 37, 243-252.  | 2.1 | 29        |
| 43 | Perceptual factors contribute to akinesia in Parkinson's disease. <i>Experimental Brain Research</i> , 2007, 179, 245-253.   | 0.7 | 8         |
| 44 | “Paradoxical Kinesis” is not a Hallmark of Parkinson's disease but a general property of the motor system. <i>Movement Disorders</i> , 2006, 21, 1490-1495.                                | 2.2 | 74        |