

Filip Bergquist

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,241
citations

236925

25
h-index

223800

46
g-index

58
all docs

58
docs citations

58
times ranked

3061
citing authors

#	ARTICLE	IF	CITATIONS
1	Transplantation of Human Embryonic Stem Cell-Derived Cells to a Rat Model of Parkinson's Disease: Effect of In Vitro Differentiation on Graft Survival and Teratoma Formation. <i>Stem Cells</i> , 2006, 24, 1433-1440.	3.2	394
2	The Glucagon-Like Peptide 1 (GLP-1) Analogue, Exendin-4, Decreases the Rewarding Value of Food: A New Role for Mesolimbic GLP-1 Receptors. <i>Journal of Neuroscience</i> , 2012, 32, 4812-4820.	3.6	305
3	GLP-1 is both anxiogenic and antidepressant; divergent effects of acute and chronic GLP-1 on emotionality. <i>Psychoneuroendocrinology</i> , 2016, 65, 54-66.	2.7	100
4	Somatodendritic dopamine release in rat substantia nigra influences motor performance on the accelerating rod. <i>Brain Research</i> , 2003, 973, 81-91.	2.2	74
5	Viewpoint and practical recommendations from a movement disorder specialist panel on objective measurement in the clinical management of Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2018, 4, 14.	5.3	70
6	An Objective Fluctuation Score for Parkinson's Disease. <i>PLoS ONE</i> , 2015, 10, e0124522.	2.5	69
7	The Stomach-Derived Hormone Ghrelin Increases Impulsive Behavior. <i>Neuropsychopharmacology</i> , 2016, 41, 1199-1209.	5.4	69
8	Role of the commissural inhibitory system in vestibular compensation in the rat. <i>Journal of Physiology</i> , 2008, 586, 4441-4452.	2.9	68
9	Dopamine signaling in the amygdala, increased by food ingestion and GLP-1, regulates feeding behavior. <i>Physiology and Behavior</i> , 2014, 136, 135-144.	2.1	63
10	Effects of Stochastic Vestibular Galvanic Stimulation and LDOPA on Balance and Motor Symptoms in Patients With Parkinson's Disease. <i>Brain Stimulation</i> , 2015, 8, 474-480.	1.6	61
11	Wearables in epilepsy and Parkinson's disease—A focus group study. <i>Acta Neurologica Scandinavica</i> , 2018, 137, 188-194.	2.1	59
12	Partial depletion of dopamine in substantia nigra impairs motor performance without altering striatal dopamine neurotransmission. <i>European Journal of Neuroscience</i> , 2006, 24, 617-624.	2.6	54
13	Histaminergic and glycinergic modulation of GABA release in the vestibular nuclei of normal and labyrinthectomized rats. <i>Journal of Physiology</i> , 2006, 577, 857-868.	2.9	54
14	Effects of Local Administration of L-, N-, and P/Q-Type Calcium Channel Blockers on Spontaneous Dopamine Release in the Striatum and the Substantia Nigra: A Microdialysis Study in Rat. <i>Journal of Neurochemistry</i> , 2002, 70, 1532-1540.	3.9	52
15	Evidence for different exocytosis pathways in dendritic and terminal dopamine release in vivo. <i>Brain Research</i> , 2002, 950, 245-253.	2.2	51
16	Automatic Spiral Analysis for Objective Assessment of Motor Symptoms in Parkinson's Disease. <i>Sensors</i> , 2015, 15, 23727-23744.	3.8	51
17	Noisy Galvanic Vestibular Stimulation Promotes GABA Release in the Substantia Nigra and Improves Locomotion in Hemiparkinsonian Rats. <i>PLoS ONE</i> , 2012, 7, e29308.	2.5	51
18	Inhibition of cytochrome P450 2E1 induces an increase in extracellular dopamine in rat substantia nigra: A new metabolic pathway?. <i>Synapse</i> , 2001, 40, 294-301.	1.2	47

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19	Dendritic Transmitter Release: A Comparison of Two Model Systems. <i>Journal of Neuroendocrinology</i> , 2008, 20, 677-686.	2.6	44
20	Levodopa/carbidopa microtablets in Parkinson's disease: a study of pharmacokinetics and blinded motor assessment. <i>European Journal of Clinical Pharmacology</i> , 2017, 73, 563-571.	1.9	40
21	A smartphone-based system to quantify dexterity in Parkinson's disease patients. <i>Informatics in Medicine Unlocked</i> , 2017, 9, 11-17.	3.4	40
22	A Treatment-Response Index From Wearable Sensors for Quantifying Parkinson's Disease Motor States. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018, 22, 1341-1349.	6.3	40
23	Influence of r-type (Cav2.3) and t-type (Cav3.1&3.3) antagonists on nigral somatodendritic dopamine release measured by microdialysis. <i>Neuroscience</i> , 2003, 120, 757-764.	2.3	30
24	Rebalancing the commissural system: Mechanisms of vestibular compensation. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2010, 19, 201-207.	2.0	28
25	Key clinical milestones 15 years and onwards after DBS-STN surgery: A retrospective analysis of patients that underwent surgery between 1993 and 2001. <i>Clinical Neurology and Neurosurgery</i> , 2017, 154, 43-48.	1.4	27
26	3-Methoxytyramine Formation Following Monoamine Oxidase Inhibition Is a Poor Index of Dendritic Dopamine Release in the Substantia Nigra. <i>Journal of Neurochemistry</i> , 1997, 69, 1684-1692.	3.9	20
27	Individualization of levodopa treatment using a microtablet dispenser and ambulatory accelerometry. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 439-447.	3.9	20
28	Cellular Mechanisms of Vestibular Compensation. <i>Neuroembryology and Aging</i> , 2004, 3, 183-193.	0.1	19
29	Nicotine-induced neuroplasticity in striatum is subregion-specific and reversed by motor training on the rotarod. <i>Addiction Biology</i> , 2020, 25, e12757.	2.6	19
30	Cerebrospinal fluid markers of neuronal and glial cell damage in patients with autoimmune neurologic syndromes with and without underlying malignancies. <i>Journal of Neuroimmunology</i> , 2017, 306, 25-30.	2.3	17
31	Objective measurement in Parkinson's disease: a descriptive analysis of Parkinson's symptom scores from a large population of patients across the world using the Personal KinetiGraph®. <i>Journal of Clinical Movement Disorders</i> , 2020, 7, 5.	2.2	17
32	Life with Parkinson's Disease During the COVID-19 Pandemic: The Pressure Is Off. <i>Journal of Parkinson's Disease</i> , 2021, 11, 491-495.	2.8	16
33	Sensor-based algorithmic dosing suggestions for oral administration of levodopa/carbidopa microtablets for Parkinson's disease: a first experience. <i>Journal of Neurology</i> , 2019, 266, 651-658.	3.6	15
34	Motion Sensor-Based Assessment of Parkinson's Disease Motor Symptoms During Leg Agility Tests: Results From Levodopa Challenge. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 111-119.	6.3	14
35	Noise benefit in prepulse inhibition of the acoustic startle reflex. <i>Psychopharmacology</i> , 2011, 214, 675-685.	3.1	13
36	An upper body garment with integrated sensors for people with neurological disorders: early development and evaluation. <i>BMC Biomedical Engineering</i> , 2019, 1, 3.	2.6	13

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37	Ghrelin signalling within the rat nucleus accumbens and skilled reach foraging. <i>Psychoneuroendocrinology</i> , 2019, 106, 183-194.	2.7	13
38	Acoustic noise improves motor learning in spontaneously hypertensive rats, a rat model of attention deficit hyperactivity disorder. <i>Behavioural Brain Research</i> , 2015, 280, 84-91.	2.2	12
39	A multiple motion sensors index for motor state quantification in Parkinson's disease. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 189, 105309.	4.7	12
40	A Phase 2a Trial Investigating the Safety and Tolerability of the Novel Cortical Enhancer IRL752 in Parkinson's Disease Dementia. <i>Movement Disorders</i> , 2020, 35, 1046-1054.	3.9	12
41	Local Change in Urinary Bladder Contractility Following CNS Dopamine Denervation in the 6-OHDA Rat Model of Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2015, 5, 301-311.	2.8	11
42	Motor activity-induced dopamine release in the substantia nigra is regulated by muscarinic receptors. <i>Experimental Neurology</i> , 2010, 221, 251-259.	4.1	9
43	Pharmacokinetics of Intravenously (DIZ101), Subcutaneously (DIZ102), and Intestinally (LCIG) Infused Levodopa in Advanced Parkinson Disease. <i>Neurology</i> , 0, , 10.1212/WNL.000000000200804.	1.1	9
44	Dopamine Release in Substantia Nigra: Release Mechanisms and Physiological Function in Motor Control. , 2005, , 85-99.		6
45	c-Fos Expression after Stochastic Vestibular Stimulation and Levodopa in 6-OHDA Hemilesioned Rats. <i>Neuroscience</i> , 2020, 424, 146-154.	2.3	6
46	An investigation of dopaminergic metabolites in the striatum and in the substantia nigra in vivo utilising radiolabelled L-DOPA and high performance liquid chromatography: a new approach in the search for transmitter metabolites. <i>Neuroscience</i> , 2003, 120, 425-433.	2.3	5
47	Evaluation of the Objective Posturo-Loocomotor-Manual Method in Patients with Parkinsonian Syndromes. <i>Frontiers in Neurology</i> , 2013, 4, 95.	2.4	4
48	Predictive Value of Ambulatory Objective Movement Measurement for Outcomes of Levodopa/Carbidopa Intestinal Gel Infusion. <i>Journal of Personalized Medicine</i> , 2022, 12, 27.	2.5	4
49	Cerebrospinal fluid protein markers in PD patients after DBS-STN surgery – A retrospective analysis of patients that underwent surgery between 1993 and 2001. <i>Clinical Neurology and Neurosurgery</i> , 2018, 174, 174-179.	1.4	3
50	Apomorphine formulation may influence subcutaneous complications from continuous subcutaneous apomorphine infusion in Parkinson's disease. <i>Journal of Neurology</i> , 2020, 267, 3411-3417.	3.6	3
51	Activation of glucagon-like peptide-1 receptors and skilled reach foraging. <i>Addiction Biology</i> , 2021, 26, e12953.	2.6	3
52	Evaluation of a sensor algorithm for motor state rating in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 64, 112-117.	2.2	2
53	The Discriminating Properties of an Optoelectronic Movement Analysis Method in Patients With Parkinsonism. <i>Journal of Motor Behavior</i> , 2013, 45, 415-422.	0.9	1
54	Acoustic white noise ameliorates reduced regional brain expression of CaMKII and FosB in the spontaneously hypertensive rat model of ADHD. <i>IBRO Reports</i> , 2019, 6, 31-39.	0.3	1

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55	Unpredictable sensations: can stochastic resonance help in Parkinson's disease?. Neurodegenerative Disease Management, 2015, 5, 275-277.	2.2	0
56	Unsupervised Learning from Motion Sensor Data to Assess the Condition of Patients with Parkinsonâ€™s Disease. Lecture Notes in Computer Science, 2019, , 420-424.	1.3	0
57	Optimizing Treatment of Parkinsonâ€™s Disease. Journal of Personalized Medicine, 2022, 12, 245.	2.5	0