

Jochen Klucken

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

10,623
citations

257357

24
h-index

395590

33
g-index

33
all docs

33
docs citations

33
times ranked

23655
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute exercise following skill practice promotes motor memory consolidation in Parkinson's disease. <i>Neurobiology of Learning and Memory</i> , 2021, 178, 107366.	1.0	5
2	Combination of Defined CatWalk Gait Parameters for Predictive Locomotion Recovery in Experimental Spinal Cord Injury Rat Models. <i>ENeuro</i> , 2021, 8, ENEURO.0497-20.2021.	0.9	18
3	Objective sensor-based gait measures reflect motor impairment in multiple sclerosis patients: Reliability and clinical validation of a wearable sensor device. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 39, 101903.	0.9	29
4	Assessment of gait parameters and physical function in patients with advanced cancer participating in a 12-week exercise and nutrition programme: A controlled clinical trial. <i>European Journal of Cancer Care</i> , 2020, 29, e13199.	0.7	16
5	The footprint of orthostatic hypotension in parkinsonian syndromes. <i>Parkinsonism and Related Disorders</i> , 2020, 77, 107-109.	1.1	3
6	Extracellular aggregated alpha synuclein primarily triggers lysosomal dysfunction in neural cells prevented by trehalose. <i>Scientific Reports</i> , 2019, 9, 544.	1.6	94
7	The Diagnostic Scope of Sensor-Based Gait Analysis in Atypical Parkinsonism: Further Observations. <i>Frontiers in Neurology</i> , 2019, 10, 5.	1.1	25
8	Balance and mobility in geriatric patients. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2019, 52, 316-323.	0.8	22
9	A roadmap for implementation of patient-centered digital outcome measures in Parkinson's disease obtained using mobile health technologies. <i>Movement Disorders</i> , 2019, 34, 657-663.	2.2	213
10	The Parkinson's disease e-diary: Developing a clinical and research tool for the digital age. <i>Movement Disorders</i> , 2019, 34, 676-681.	2.2	43
11	Treadmill exercise intervention improves gait and postural control in alpha-synuclein mouse models without inducing cerebral autophagy. <i>Behavioural Brain Research</i> , 2019, 363, 199-215.	1.2	27
12	Silhouette-Length-Scaled Gait Parameters for Motor Functional Analysis in Mice and Rats. <i>ENeuro</i> , 2019, 6, ENEURO.0100-19.2019.	0.9	12
13	Autophagy inhibition promotes SNCA/alpha-synuclein release and transfer via extracellular vesicles with a hybrid autophagosome-exosome-like phenotype. <i>Autophagy</i> , 2018, 14, 98-119.	4.3	193
14	A Single Bout of Aerobic Exercise Improves Motor Skill Consolidation in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 328.	1.7	32
15	The Luxembourg Parkinson's Study: A Comprehensive Approach for Stratification and Early Diagnosis. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 326.	1.7	57
16	Synchronized Sensor Insoles for Clinical Gait Analysis in Home-Monitoring Applications. <i>Current Directions in Biomedical Engineering</i> , 2018, 4, 433-437.	0.2	26
17	FoxO Function Is Essential for Maintenance of Autophagic Flux and Neuronal Morphogenesis in Adult Neurogenesis. <i>Neuron</i> , 2018, 99, 1188-1203.e6.	3.8	107
18	Sensor-based gait analysis of individualized improvement during apomorphine titration in Parkinson's disease. <i>Journal of Neurology</i> , 2018, 265, 2656-2665.	1.8	31

#	ARTICLE	IF	CITATIONS
19	Alpha-synuclein prevents the formation of spherical mitochondria and apoptosis under oxidative stress. <i>Scientific Reports</i> , 2017, 7, 42942.	1.6	68
20	An Overview of Smart Shoes in the Internet of Health Things: Gait and Mobility Assessment in Health Promotion and Disease Monitoring. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 986.	1.3	105
21	Acute Neuromuscular Adaptations in the Postural Control of Patients with Parkinson's Disease after Perturbed Walking. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 316.	1.7	10
22	Technology in Parkinson's disease: Challenges and opportunities. <i>Movement Disorders</i> , 2016, 31, 1272-1282.	2.2	464
23	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
24	Posttranslational modification and mutation of histidine 50 trigger alpha synuclein aggregation and toxicity. <i>Molecular Neurodegeneration</i> , 2015, 10, 8.	4.4	34
25	Autophagy modulates SNCA/Î±-synuclein release, thereby generating a hostile microenvironment. <i>Autophagy</i> , 2014, 10, 2171-2192.	4.3	174
26	Systematic Comparison of the Effects of Alpha-synuclein Mutations on Its Oligomerization and Aggregation. <i>PLoS Genetics</i> , 2014, 10, e1004741.	1.5	168
27	The small GTPase Rab11 co-localizes with Î±-synuclein in intracellular inclusions and modulates its aggregation, secretion and toxicity. <i>Human Molecular Genetics</i> , 2014, 23, 6732-6745.	1.4	73
28	Alpha-synuclein aggregation involves a bafilomycin A ₁ -sensitive autophagy pathway. <i>Autophagy</i> , 2012, 8, 754-766.	4.3	111
29	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
30	Clinical and biochemical correlates of insoluble Î±-synuclein in dementia with Lewy bodies. <i>Acta Neuropathologica</i> , 2006, 111, 101-108.	3.9	55
31	Detection of novel intracellular Oâ€synuclein oligomeric species by fluorescence lifetime imaging. <i>FASEB Journal</i> , 2006, 20, 2050-2057.	0.2	82
32	A single amino acid substitution differentiates Hsp70-dependent effects on Î±-synuclein degradation and toxicity. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 367-373.	1.0	43
33	Hsp70 Reduces Î±-Synuclein Aggregation and Toxicity. <i>Journal of Biological Chemistry</i> , 2004, 279, 25497-25502.	1.6	460