## Jochen Klucken

List of Publications by Year in descending order

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LOCHEN KLUCKEN

#	Article	IF	CITATIONS
1	Acute exercise following skill practice promotes motor memory consolidation in Parkinson's disease. Neurobiology of Learning and Memory, 2021, 178, 107366.	1.9	5
2	Combination of Defined CatWalk Gait Parameters for Predictive Locomotion Recovery in Experimental Spinal Cord Injury Rat Models. ENeuro, 2021, 8, ENEURO.0497-20.2021.	1.9	18
3	Objective sensor-based gait measures reflect motor impairment in multiple sclerosis patients: Reliability and clinical validation of a wearable sensor device. Multiple Sclerosis and Related Disorders, 2020, 39, 101903.	2.0	29
4	Assessment of gait parameters and physical function in patients with advanced cancer participating in a 12â€week exercise and nutrition programme: A controlled clinical trial. European Journal of Cancer Care, 2020, 29, e13199.	1.5	16
5	The footprint of orthostatic hypotension in parkinsonian syndromes. Parkinsonism and Related Disorders, 2020, 77, 107-109.	2.2	3
6	Extracellular aggregated alpha synuclein primarily triggers lysosomal dysfunction in neural cells prevented by trehalose. Scientific Reports, 2019, 9, 544.	3.3	94
7	The Diagnostic Scope of Sensor-Based Gait Analysis in Atypical Parkinsonism: Further Observations. Frontiers in Neurology, 2019, 10, 5.	2.4	25
8	Balance and mobility in geriatric patients. Zeitschrift Fur Gerontologie Und Geriatrie, 2019, 52, 316-323.	1.8	22
9	A roadmap for implementation of patientâ€centered digital outcome measures in Parkinson's disease obtained using mobile health technologies. Movement Disorders, 2019, 34, 657-663.	3.9	213
10	The Parkinson's disease eâ€diary: Developing a clinical and research tool for the digital age. Movement Disorders, 2019, 34, 676-681.	3.9	43
11	Treadmill exercise intervention improves gait and postural control in alpha-synuclein mouse models without inducing cerebral autophagy. Behavioural Brain Research, 2019, 363, 199-215.	2.2	27
12	Silhouette-Length-Scaled Gait Parameters for Motor Functional Analysis in Mice and Rats. ENeuro, 2019, 6, ENEURO.0100-19.2019.	1.9	12
13	Autophagy inhibition promotes SNCA/alpha-synuclein release and transfer via extracellular vesicles with a hybrid autophagosome-exosome-like phenotype. Autophagy, 2018, 14, 98-119.	9.1	193
14	A Single Bout of Aerobic Exercise Improves Motor Skill Consolidation in Parkinson's Disease. Frontiers in Aging Neuroscience, 2018, 10, 328.	3.4	32
15	The Luxembourg Parkinson's Study: A Comprehensive Approach for Stratification and Early Diagnosis. Frontiers in Aging Neuroscience, 2018, 10, 326.	3.4	57
16	Synchronized Sensor Insoles for Clinical Gait Analysis in Home-Monitoring Applications. Current Directions in Biomedical Engineering, 2018, 4, 433-437.	0.4	26
17	FoxO Function Is Essential for Maintenance of Autophagic Flux and Neuronal Morphogenesis in Adult Neurogenesis. Neuron, 2018, 99, 1188-1203.e6.	8.1	107
18	Sensor-based gait analysis of individualized improvement during apomorphine titration in Parkinson's disease. Journal of Neurology, 2018, 265, 2656-2665.	3.6	31

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19	Alpha-synuclein prevents the formation of spherical mitochondria and apoptosis under oxidative stress. Scientific Reports, 2017, 7, 42942.	3.3	68
20	An Overview of Smart Shoes in the Internet of Health Things: Gait and Mobility Assessment in Health Promotion and Disease Monitoring. Applied Sciences (Switzerland), 2017, 7, 986.	2.5	105
21	Acute Neuromuscular Adaptations in the Postural Control of Patients with Parkinson's Disease after Perturbed Walking. Frontiers in Aging Neuroscience, 2017, 9, 316.	3.4	10
22	Technology in Parkinson's disease: Challenges and opportunities. Movement Disorders, 2016, 31, 1272-1282.	3.9	464
23	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
24	Posttranslational modification and mutation of histidine 50 trigger alpha synuclein aggregation and toxicity. Molecular Neurodegeneration, 2015, 10, 8.	10.8	34
25	Autophagy modulates SNCA/Î $\pm$ -synuclein release, thereby generating a hostile microenvironment. Autophagy, 2014, 10, 2171-2192.	9.1	174
26	Systematic Comparison of the Effects of Alpha-synuclein Mutations on Its Oligomerization and Aggregation. PLoS Genetics, 2014, 10, e1004741.	3.5	168
27	The small GTPase Rab11 co-localizes with Â-synuclein in intracellular inclusions and modulates its aggregation, secretion and toxicity. Human Molecular Genetics, 2014, 23, 6732-6745.	2.9	73
28	Alpha-synuclein aggregation involves a bafilomycin A <sub>1</sub> -sensitive autophagy pathway. Autophagy, 2012, 8, 754-766.	9.1	111
29	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
30	Clinical and biochemical correlates of insoluble α-synuclein in dementia with Lewy bodies. Acta Neuropathologica, 2006, 111, 101-108.	7.7	55
31	Detection of novel intracellular Oâ€ <b>s</b> ynuclein oligomeric species by fluorescence lifetime imaging. FASEB Journal, 2006, 20, 2050-2057.	0.5	82
32	A single amino acid substitution differentiates Hsp70-dependent effects on $\hat{I}_{\pm}$ -synuclein degradation and toxicity. Biochemical and Biophysical Research Communications, 2004, 325, 367-373.	2.1	43
33	Hsp70 Reduces α-Synuclein Aggregation and Toxicity. Journal of Biological Chemistry, 2004, 279, 25497-25502.	3.4	460