Jochen Klucken

List of Publications by Year
in descending order

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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
3	Technology in Parkinson's disease: Challenges and opportunities. Movement Disorders, 2016, 31, 1272-1282.	2.2	464
4	Hsp70 Reduces Î±-Synuclein Aggregation and Toxicity. Journal of Biological Chemistry, 2004, 279, 25497-25502.	1.6	460
5	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.	2.2	213
6	Autophagy inhibition promotes SNCA/alpha-synuclein release and transfer via extracellular vesicles with a hybrid autophagosome-exosome-like phenotype. Autophagy, 2018, 14, 98-119.	4.3	193
7	Autophagy modulates SNCA/Î±-synuclein release, thereby generating a hostile microenvironment. Autophagy, 2014, 10, 2171-2192.	4.3	174
8	Systematic Comparison of the Effects of Alpha-synuclein Mutations on Its Oligomerization and Aggregation. PLoS Genetics, 2014, 10, e1004741.	1.5	168
9	Alpha-synuclein aggregation involves a bafilomycin A₁-sensitive autophagy pathway. Autophagy, 2012, 8, 754-766.	4.3	111
10	FoxO Function Is Essential for Maintenance of Autophagic Flux and Neuronal Morphogenesis in Adult Neurogenesis. Neuron, 2018, 99, 1188-1203.e6.	3.8	107
11	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.	1.3	105
12	Extracellular aggregated alpha synuclein primarily triggers lysosomal dysfunction in neural cells prevented by trehalose. Scientific Reports, 2019, 9, 544.	1.6	94
13	Detection of novel intracellular Oâ€synuclein oligomeric species by fluorescence lifetime imaging. FASEB Journal, 2006, 20, 2050-2057.	0.2	82
14	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.	1.4	73
15	Alpha-synuclein prevents the formation of spherical mitochondria and apoptosis under oxidative stress. Scientific Reports, 2017, 7, 42942.	1.6	68
16	The Luxembourg Parkinsonâ€™s Study: A Comprehensive Approach for Stratification and Early Diagnosis. Frontiers in Aging Neuroscience, 2018, 10, 326.	1.7	57
17	Clinical and biochemical correlates of insoluble Î±-synuclein in dementia with Lewy bodies. Acta Neuropathologica, 2006, 111, 101-108.	3.9	55
18	A single amino acid substitution differentiates Hsp70-dependent effects on Î±-synuclein degradation and toxicity. Biochemical and Biophysical Research Communications, 2004, 325, 367-373.	1.0	43

#	Article	IF	Citations
19	The Parkinson's disease eâ€diary: Developing a clinical and research tool for the digital age. Movement Disorders, 2019, 34, 676-681.	2.2	43
20	Posttranslational modification and mutation of histidine 50 trigger alpha synuclein aggregation and toxicity. Molecular Neurodegeneration, 2015, 10, 8.	4.4	34
21	A Single Bout of Aerobic Exercise Improves Motor Skill Consolidation in Parkinsonâ€™s Disease. Frontiers in Aging Neuroscience, 2018, 10, 328.	1.7	32
22	Sensor-based gait analysis of individualized improvement during apomorphine titration in Parkinsonâ€™s disease. Journal of Neurology, 2018, 265, 2656-2665.	1.8	31
23	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.	0.9	29
24	Treadmill exercise intervention improves gait and postural control in alpha-synuclein mouse models without inducing cerebral autophagy. Behavioural Brain Research, 2019, 363, 199-215.	1.2	27
25	Synchronized Sensor Insoles for Clinical Gait Analysis in Home-Monitoring Applications. Current Directions in Biomedical Engineering, 2018, 4, 433-437.	0.2	26
26	The Diagnostic Scope of Sensor-Based Gait Analysis in Atypical Parkinsonism: Further Observations. Frontiers in Neurology, 2019, 10, 5.	1.1	25
27	Balance and mobility in geriatric patients. Zeitschrift Fur Gerontologie Und Geriatrie, 2019, 52, 316-323.	0.8	22
28	Combination of Defined CatWalk Gait Parameters for Predictive Locomotion Recovery in Experimental Spinal Cord Injury Rat Models. ENeuro, 2021, 8, ENEURO.0497-20.2021.	0.9	18
29	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.	0.7	16
30	Silhouette-Length-Scaled Gait Parameters for Motor Functional Analysis in Mice and Rats. ENeuro, 2019, 6, ENEURO.0100-19.2019.	0.9	12
31	Acute Neuromuscular Adaptations in the Postural Control of Patients with Parkinsonâ€™s Disease after Perturbed Walking. Frontiers in Aging Neuroscience, 2017, 9, 316.	1.7	10
32	Acute exercise following skill practice promotes motor memory consolidation in Parkinsonâ€™s disease. Neurobiology of Learning and Memory, 2021, 178, 107366.	1.0	5
33	The footprint of orthostatic hypotension in parkinsonian syndromes. Parkinsonism and Related Disorders, 2020, 77, 107-109.	1.1	3