Lars TÃ¶nges

List of Publications by Year
in descending order

96 papers	6,922 citations	147801 31 h-index	64796 79 g-index
112 all docs	112 docs citations	112 times ranked	14278 citing authors

#	Article	IF	Citations
1	Immediate-release/extended-release amantadine (OS320) to treat Parkinson's disease with levodopa-induced dyskinesia: Analysis of the randomized, controlled ALLAY-LID studies. Parkinsonism and Related Disorders, 2022, 96, 65-73.	2.2	8
2	Update on CSF Biomarkers in Parkinsonâ€™s Disease. Biomolecules, 2022, 12, 329.	4.0	29
3	Monogenetic Forms of Parkinsonâ€™s Disease â€“ Bridging the Gap Between Genetics and Biomarkers. Frontiers in Aging Neuroscience, 2022, 14, 822949.	3.4	1
4	SARS-CoV-2, COVID-19 and Parkinsonâ€™s Diseaseâ€”Many Issues Need to Be Clarifiedâ€”A Critical Review. Brain Sciences, 2022, 12, 456.	2.3	7
5	Blood-based biomarker in Parkinsonâ€™s disease: potential for future applications in clinical research and practice. Journal of Neural Transmission, 2022, 129, 1201-1217.	2.8	23
6	Residents as teachers in Neurology: a Germany-wide survey on the involvement of neurological residents in clinical teaching. Neurological Research and Practice, 2022, 4, 17.	2.0	0
7	COVID-19 outcomes in hospitalized Parkinsonâ€™s disease patients in two pandemic waves in 2020: a nationwide cross-sectional study from Germany. Neurological Research and Practice, 2022, 4, .	2.0	1
8	SARS-CoV-2, COVID-19 and Neurodegeneration. Brain Sciences, 2022, 12, 897.	2.3	1
9	TDPâ€43 as structureâ€based biomarker in amyotrophic lateral sclerosis. Annals of Clinical and Translational Neurology, 2021, 8, 271-277.	3.7	17
10	The impact of the COVID-19 pandemic on hospitalizations and plasmapheresis therapy in multiple sclerosis and neuromyelitis optica spectrum disorder: a nationwide analysis from Germany. Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642110306.	3.5	8
11	Short-chain fatty acids in the context of Parkinsonâ€™s disease. Neural Regeneration Research, 2021, 16, 2015.	3.0	9
12	Resource Utilization of Patients with Parkinsonâ€™s Disease in the Late Stages of the Disease in Germany: Data from the CLaSP Study. Pharmacoeconomics, 2021, 39, 601-615.	3.3	11
13	Analysis of nationwide multimodal complex treatment and drug pump therapy in Parkinson's disease in times of COVID-19 pandemic in Germany. Parkinsonism and Related Disorders, 2021, 85, 109-113.	2.2	12
14	A Propagated Skeleton Approach to High Throughput Screening of Neurite Outgrowth for In Vitro Parkinsonâ€™s Disease Modelling. Cells, 2021, 10, 931.	4.1	10
15	Clinical Profiles and Mortality of <scp>COVID</scp>â€19 Inpatients with Parkinson's Disease in Germany. Movement Disorders, 2021, 36, 1049-1057.	3.9	36
16	Prevalence and Characteristics of Polyneuropathy in Atypical Parkinsonian Syndromes: An Explorative Study. Brain Sciences, 2021, 11, 879.	2.3	1
17	Multiple sclerosis is not associated with an increased risk for severe COVID-19: a nationwide retrospective cross-sectional study from Germany. Neurological Research and Practice, 2021, 3, 42.	2.0	10
18	Hospital Admissions for Neurodegenerative Diseases during the First Wave of the COVID-19 Pandemic: A Nationwide Cross-Sectional Study from Germany. Brain Sciences, 2021, 11, 1219.	2.3	4

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19	Selenium speciation analysis in the cerebrospinal fluid of patients with Parkinsonâ€™s disease. Journal of Trace Elements in Medicine and Biology, 2020, 57, 126412.	3.0	23
20	Elemental fingerprint: Reassessment of a cerebrospinal fluid biomarker for Parkinson's disease. Neurobiology of Disease, 2020, 134, 104677.	4.4	23
21	Parkinsonâ€™s Disease Multimodal Complex Treatment improves motor symptoms, depression and quality of life. Journal of Neurology, 2020, 267, 954-965.	3.6	23
22	Lentiform Nucleus Hyperechogenicity in Parkinsonian Syndromes: A Systematic Review and Meta-Analysis with Consideration of Molecular Pathology. Cells, 2020, 9, 2.	4.1	15
23	Emergence of Bruxism after Reducing Left Pallidal Stimulation in a Patient with Huntington's Disease. Movement Disorders Clinical Practice, 2020, 7, 704-705.	1.5	3
24	Disease modifying treatment trials in Parkinsonâ€™s disease: how to balance expectations and interests of patients, physicians and industry partners?. Neurological Research and Practice, 2020, 2, 31.	2.0	2
25	Letter to the editor: risk comorbidities of COVID-19 in Parkinsonâ€™s disease patients in Germany. Neurological Research and Practice, 2020, 2, 22.	2.0	6
26	Building a Parkinson-Networkâ€“Experiences from Germany. Journal of Clinical Medicine, 2020, 9, 2743.	2.4	6
27	Correlates of polyneuropathy in Parkinsonâ€™s disease. Annals of Clinical and Translational Neurology, 2020, 7, 1898-1907.	3.7	5
28	Structured Care and Self-Management Education for Persons with Parkinsonâ€™s Disease: Why the First Does Not Go without the Secondâ€”Systematic Review, Experiences and Implementation Concepts from Sweden and Germany. Journal of Clinical Medicine, 2020, 9, 2787.	2.4	13
29	Specialized Staff for the Care of People with Parkinsonâ€™s Disease in Germany: An Overview. Journal of Clinical Medicine, 2020, 9, 2581.	2.4	20
30	Hospitalization Rates and Comorbidities in Patients with Progressive Supranuclear Palsy in Germany from 2010 to 2017. Journal of Clinical Medicine, 2020, 9, 2454.	2.4	3
31	Comment on: A 57â€Yearâ€Old Woman With Progressive Left Hand Clumsiness and Falls. Movement Disorders Clinical Practice, 2020, 7, 579-580.	1.5	1
32	Recommendations for Standards of Network Care for Patients with Parkinsonâ€™s Disease in Germany. Journal of Clinical Medicine, 2020, 9, 1455.	2.4	15
33	Propionic Acid and Fasudil as Treatment against Rotenone Toxicity in an In Vitro Model of Parkinsonâ€™s Disease. Molecules, 2020, 25, 2502.	3.8	25
34	Parkinsonâ€™s Disease Multimodal Complex Treatment (PD-MCT): Analysis of Therapeutic Effects and Predictors for Improvement. Journal of Clinical Medicine, 2020, 9, 1874.	2.4	8
35	Motor, cognitive and mobility deficits in 1000 geriatric patients: protocol of a quantitative observational study before and after routine clinical geriatric treatment â€“ the ComOn-study. BMC Geriatrics, 2020, 20, 45.	2.7	19
36	Blood Contamination in CSF and Its Impact on Quantitative Analysis of Alpha-Synuclein. Cells, 2020, 9, 370.	4.1	30

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37	Interventional Influence of the Intestinal Microbiome Through Dietary Intervention and Bowel Cleansing Might Improve Motor Symptoms in Parkinsonâ€™s Disease. Cells, 2020, 9, 376.	4.1	57
38	The Progressive Supranuclear Palsy Clinical Deficits Scale. Movement Disorders, 2020, 35, 650-661.	3.9	31
39	Association of Blood Pressure With Outcomes in Acute Stroke Thrombectomy. Hypertension, 2020, 75, 730-739.	2.7	72
40	Brainstem Encephalitis With Low-Titer Acetylcholine Receptor Antibodies Mimicking Myasthenia Gravis. Frontiers in Neurology, 2019, 10, 829.	2.4	1
41	Fingolimod for Irradiation-Induced Neurodegeneration. Frontiers in Neuroscience, 2019, 13, 699.	2.8	8
42	CSF Sample Preparation for Data-Independent Acquisition. Methods in Molecular Biology, 2019, 2044, 61-67.	0.9	2
43	Impairment of Motor Function Correlates with Neurometabolite and Brain Iron Alterations in Parkinsonâ€™s Disease. Cells, 2019, 8, 96.	4.1	28
44	Novel Immunotherapeutic Approaches to Target Alpha-Synuclein and Related Neuroinflammation in Parkinsonâ€™s Disease. Cells, 2019, 8, 105.	4.1	30
45	Dynamics of device-based treatments for Parkinsonâ€™s disease in Germany from 2010 to 2017: application of continuous subcutaneous apomorphine, levodopaâ€“carbidopa intestinal gel, and deep brain stimulation. Journal of Neural Transmission, 2019, 126, 879-888.	2.8	7
46	Reversible Immuno-Infrared Sensor for the Detection of Alzheimerâ€™s Disease Related Biomarkers. ACS Sensors, 2019, 4, 1851-1856.	7.8	22
47	Dyskinesia in multiple system atrophy and progressive supranuclear palsy. Journal of Neural Transmission, 2019, 126, 925-932.	2.8	11
48	Dynamics of Parkinsonâ€™s Disease Multimodal Complex Treatment in Germany from 2010â€“2016: Patient Characteristics, Access to Treatment, and Formation of Regional Centers. Cells, 2019, 8, 151.	4.1	26
49	Landscape of pain in Parkinsonâ€™s disease: impact of gender differences. Neurological Research, 2019, 41, 87-97.	1.3	13
50	Emerging Immunotherapies for Parkinson Disease. Neurology and Therapy, 2019, 8, 29-44.	3.2	49
51	Antibody-based immunotherapies for Parkinsonian syndromes. Neural Regeneration Research, 2019, 14, 1903.	3.0	3
52	ROCK inhibition in models of neurodegeneration and its potential for clinical translation. , 2018, 189, 1-21.		136
53	miR-182-5p and miR-183-5p Act as GDNF Mimics in Dopaminergic Midbrain Neurons. Molecular Therapy - Nucleic Acids, 2018, 11, 9-22.	5.1	34
54	Elemental fingerprint as a cerebrospinal fluid biomarker for the diagnosis of Parkinson's disease. Journal of Neurochemistry, 2018, 145, 342-351.	3.9	39

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55	High‐Resolution Nerve Ultrasound and Electrophysiological Findings in Restless Legs Syndrome. Journal of Neuroimaging, 2018, 28, 506-514.	2.0	9
56	Brainstem Raphe Alterations in TCS: A Biomarker for Depression and Apathy in Parkinson's Disease Patients. Frontiers in Neurology, 2018, 9, 645.	2.4	15
57	Altered Expression of Growth Associated Protein‐43 and Rho Kinase in Human Patients with Parkinson's Disease. Brain Pathology, 2017, 27, 13-25.	4.1	35
58	Coronal Transcranial Sonography and M‐Mode Tremor Frequency Determination in Parkinson's Disease and Essential Tremor. Journal of Neuroimaging, 2017, 27, 524-530.	2.0	9
59	Deferiprone Rescues Behavioral Deficits Induced by Mild Iron Exposure in a Mouse Model of Alpha-Synuclein Aggregation. NeuroMolecular Medicine, 2017, 19, 309-321.	3.4	45
60	Classification of advanced stages of Parkinson's disease: translation into stratified treatments. Journal of Neural Transmission, 2017, 124, 1015-1027.	2.8	64
61	Rho Kinase Inhibition with Fasudil in the SOD1G93A Mouse Model of Amyotrophic Lateral Sclerosis—Symptomatic Treatment Potential after Disease Onset. Frontiers in Pharmacology, 2017, 8, 17.	3.5	32
62	Modulation of Microglial Activity by Rho-Kinase (ROCK) Inhibition as Therapeutic Strategy in Parkinson's Disease and Amyotrophic Lateral Sclerosis. Frontiers in Aging Neuroscience, 2017, 9, 94.	3.4	56
63	Calpain-mediated cleavage of collapsin response mediator protein-2 drives acute axonal degeneration. Scientific Reports, 2016, 6, 37050.	3.3	27
64	Fasudil attenuates aggregation of α-synuclein in models of Parkinson's disease. Acta Neuropathologica Communications, 2016, 4, 39.	5.2	123
65	GluN2D-containing NMDA receptors-mediate synaptic currents in hippocampal interneurons and pyramidal cells in juvenile mice. Frontiers in Cellular Neuroscience, 2015, 9, 95.	3.7	70
66	Alpha-Synuclein affects neurite morphology, autophagy, vesicle transport and axonal degeneration in CNS neurons. Cell Death and Disease, 2015, 6, e1811-e1811.	6.3	102
67	AAV.shRNA-mediated downregulation of ROCK2 attenuates degeneration of dopaminergic neurons in toxin-induced models of Parkinson's disease in vitro and in vivo. Neurobiology of Disease, 2015, 73, 150-162.	4.4	54
68	Alpha-synuclein mutations impair axonal regeneration in models of Parkinson's disease. Frontiers in Aging Neuroscience, 2014, 6, 239.	3.4	20
69	The rho kinase inhibitor Y-27632 improves motor performance in male SOD1G93A mice. Frontiers in Neuroscience, 2014, 8, 304.	2.8	21
70	ROCK2 is a major regulator of axonal degeneration, neuronal death and axonal regeneration in the CNS. Cell Death and Disease, 2014, 5, e1225-e1225.	6.3	150
71	Rho Kinase Inhibition by Fasudil in the Striatal 6-Hydroxydopamine Lesion Mouse Model of Parkinson Disease. Journal of Neuropathology and Experimental Neurology, 2014, 73, 770-779.	1.7	42
72	Rho kinase inhibition modulates microglia activation and improves survival in a model of amyotrophic lateral sclerosis. Glia, 2014, 62, 217-232.	4.9	90

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73	Viral vector-mediated downregulation of RhoA increases survival and axonal regeneration of retinal ganglion cells. Frontiers in Cellular Neuroscience, 2014, 8, 273.	3.7	31
74	Upregulation of reggie-1/flotillin-2 promotes axon regeneration in the rat optic nerve in vivo and neurite growth in vitro. Neurobiology of Disease, 2013, 51, 168-176.	4.4	33
75	Inhibition of rho kinase enhances survival of dopaminergic neurons and attenuates axonal loss in a mouse model of Parkinson's disease. Brain, 2012, 135, 3355-3370.	7.6	142
76	Clinical Testing and Spinal Cord Removal in a Mouse Model for Amyotrophic Lateral Sclerosis (ALS). Journal of Visualized Experiments, 2012, , .	0.3	14
77	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
78	Transduction of Neural Precursor Cells with TAT-Heat Shock Protein 70 Chaperone: Therapeutic Potential Against Ischemic Stroke after Intrastriatal and Systemic Transplantation. Stem Cells, 2012, 30, 1297-1310.	3.2	72
79	Axonal degeneration as a therapeutic target in the CNS. Cell and Tissue Research, 2012, 349, 289-311.	2.9	224
80	Imaging of rat optic nerve axons in vivo. Nature Protocols, 2011, 6, 1887-1896.	12.0	19
81	ROCKing regeneration: Rho kinase inhibition as molecular target for neurorestoration. Frontiers in Molecular Neuroscience, 2011, 4, 39.	2.9	83
82	Hepatocyte growth factor protects retinal ganglion cells by increasing neuronal survival and axonal regeneration in vitro and in vivo. Journal of Neurochemistry, 2011, 117, 892-903.	3.9	58
83	JNK Isoforms Differentially Regulate Neurite Growth and Regeneration in Dopaminergic Neurons In Vitro. Journal of Molecular Neuroscience, 2011, 45, 284-293.	2.3	27
84	The spinal muscular atrophy disease protein SMN is linked to the rho-kinase pathway via profilin. Human Molecular Genetics, 2011, 20, 4865-4878.	2.9	120
85	TGF-Î² 1 enhances neurite outgrowth via regulation of proteasome function and EFABP. Neurobiology of Disease, 2010, 38, 395-404.	4.4	44
86	Mechanisms of acute axonal degeneration in the optic nerve in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6064-6069.	7.1	253
87	Acute axonal degeneration in vivo is attenuated by inhibition of autophagy in a calcium-dependent manner. Autophagy, 2010, 6, 658-659.	9.1	22
88	TAT-Hsp70-Mediated Neuroprotection and Increased Survival of Neuronal Precursor Cells after Focal Cerebral Ischemia in Mice. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1187-1196.	4.3	85
89	Combined inhibition of Cdk5 and ROCK additively increase cell survival, but not the regenerative response in regenerating retinal ganglion cells. Molecular and Cellular Neurosciences, 2009, 42, 427-437.	2.2	26
90	Septic embolic encephalitis after Staphylococcus aureus endocarditis of a prosthetic valve in a 57-year-old woman: a case report. Cases Journal, 2009, 2, 6653.	0.4	3

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91	Tatâ€Hsp70 protects dopaminergic neurons in midbrain cultures and in the substantia nigra in models of Parkinsonâ€™s disease. Journal of Neurochemistry, 2008, 105, 853-864.	3.9	85
92	BAG1 promotes axonal outgrowth and regeneration in vivo via Raf-1 and reduction of ROCK activity. Brain, 2008, 131, 2606-2619.	7.6	66
93	ROCK inhibition and CNTF interact on intrinsic signalling pathways and differentially regulate survival and regeneration in retinal ganglion cells. Brain, 2008, 131, 250-263.	7.6	215
94	Hematopoietic Cytokines - on the Verge of Conquering Neurology. Current Molecular Medicine, 2007, 7, 157-170.	1.3	25
95	Galectin-1 expression in human glioma cells: modulation by ionizing radiation and effects on tumor cell proliferation and migration. Oncology Reports, 2007, 18, 483-8.	2.6	31
96	Stearylated octaarginine and artificial virus-like particles for transfection of siRNA into primary rat neurons. Rna, 2006, 12, 1431-1438.	3.5	89