

Jörg B. Schulz

List of Publications by Year in descending order

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Version: 2024-02-01

391
papers

34,266
citations

3531

90
h-index

4774

169
g-index

417
all docs

417
docs citations

417
times ranked

34627
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Quantitative sensory testing and norepinephrine levels in REM sleep behaviour disorder – a clue to early peripheral autonomic and sensory dysfunction?. <i>Journal of Neurology</i> , 2022, 269, 923-932. | 3.6 | 5 |
| 2 | Brain age and Alzheimer's-like atrophy are domain-specific predictors of cognitive impairment in Parkinson's disease. <i>Neurobiology of Aging</i> , 2022, 109, 31-42. | 3.1 | 12 |
| 3 | Erythropoietin Abrogates Post-Ischemic Activation of the NLRP3, NLRC4, and AIM2 Inflammasomes in Microglia/Macrophages in a TAK1-Dependent Manner. <i>Translational Stroke Research</i> , 2022, 13, 462-482. | 4.2 | 17 |
| 4 | Long-Term Cognitive Decline Related to the Motor Phenotype in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2022, 12, 905-916. | 2.8 | 7 |
| 5 | Long COVID-19: Objectifying most self-reported neurological symptoms. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 141-154. | 3.7 | 67 |
| 6 | Small-molecule modulators of TRMT2A decrease PolyQ aggregation and PolyQ-induced cell death. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 443-458. | 4.1 | 11 |
| 7 | Heterozygous POLG variant Ser1181Asn co-segregating in a family with autosomal dominant axonal neuropathy, proximal muscle fatigability, ptosis, and ragged red fibers. <i>Neurological Research and Practice</i> , 2022, 4, 5. | 2.0 | 3 |
| 8 | Dual guidance structure for evaluation of patients with unclear diagnosis in centers for rare diseases (ZSE-DUO): study protocol for a controlled multi-center cohort study. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 47. | 2.7 | 2 |
| 9 | The cognitive profile of Friedreich ataxia: a systematic review and meta-analysis. <i>BMC Neurology</i> , 2022, 22, 97. | 1.8 | 7 |
| 10 | Alpha-Synuclein-Specific Naturally Occurring Antibodies Inhibit Aggregation In Vitro and In Vivo. <i>Biomolecules</i> , 2022, 12, 469. | 4.0 | 9 |
| 11 | The Role of Vascular Risk Factors in Biomarker-Based AT(N) Groups: A German-Dutch Memory Clinic Study. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 185-195. | 2.6 | 6 |
| 12 | Classification of patients with embolic stroke of undetermined source into cardioembolic and non-cardioembolic profile subgroups. <i>European Journal of Neurology</i> , 2022, 29, 2275-2282. | 3.3 | 2 |
| 13 | Increased brain tissue sodium concentration in Friedreich ataxia: A multimodal MR imaging study. <i>NeuroImage: Clinical</i> , 2022, 34, 103025. | 2.7 | 3 |
| 14 | Imaging patterns of cerebral ischemia in hypereosinophilic syndrome: case report and systematic review. <i>Neurological Sciences</i> , 2022, , . | 1.9 | 0 |
| 15 | Screen-detected atrial fibrillation predicts mortality in elderly subjects. <i>Europace</i> , 2021, 23, 29-38. | 1.7 | 19 |
| 16 | Convergent patterns of structural brain changes in rapid eye movement sleep behavior disorder and Parkinson's disease on behalf of the German rapid eye movement sleep behavior disorder study group. <i>Sleep</i> , 2021, 44, . | 1.1 | 26 |
| 17 | Semi-Automatic MRI Muscle Volumetry to Diagnose and Monitor Hereditary and Acquired Polyneuropathies. <i>Brain Sciences</i> , 2021, 11, 202. | 2.3 | 0 |
| 18 | Posthypoxic behavioral impairment and mortality of <i>Drosophila melanogaster</i> are associated with high temperatures, enhanced predeath activity and oxidative stress. <i>Experimental and Molecular Medicine</i> , 2021, 53, 264-280. | 7.7 | 9 |

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|----|--|------|-----------|
| 19 | Cerebral Amyloid Angiopathy in Amyloid-Positive Patients from a Memory Clinic Cohort. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1661-1672. | 2.6 | 8 |
| 20 | Gaze Deviation and Paresis Score (GPS) Sufficiently Predicts Emergent Large Vessel Occluding Strokes. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105518. | 1.6 | 4 |
| 21 | Preface to an editorial controversy on Î±-â€šynuclein: How good are cellular models?. <i>Journal of Neurochemistry</i> , 2021, 157, 869-871. | 3.9 | 1 |
| 22 | Neurological symptoms in COVID-19: a cross-sectional monocentric study of hospitalized patients. <i>Neurological Research and Practice</i> , 2021, 3, 17. | 2.0 | 44 |
| 23 | YouTube Videos on Parkinsonâ€™s Disease are a Relevant Source of Patient Information. <i>Journal of Parkinson's Disease</i> , 2021, 11, 833-842. | 2.8 | 4 |
| 24 | Progression characteristics of the European Friedreich's Ataxia Consortium for Translational Studies (EFACTS): a 4-year cohort study. <i>Lancet Neurology</i> , The, 2021, 20, 362-372. | 10.2 | 53 |
| 25 | Clinical predictors and neural correlates for compromised swallowing safety in Huntington disease. <i>European Journal of Neurology</i> , 2021, 28, 2855-2862. | 3.3 | 8 |
| 26 | Frailty is an outcome predictor in patients with acute ischemic stroke receiving endovascular treatment. <i>Age and Ageing</i> , 2021, 50, 1785-1791. | 1.6 | 21 |
| 27 | A Î²-Wrapin Targeting the N-Terminus of Î±-Synuclein Monomers Reduces Fibril-Induced Aggregation in Neurons. <i>Frontiers in Neuroscience</i> , 2021, 15, 696440. | 2.8 | 7 |
| 28 | <scp>COVID</scp>â€š19 Vaccineâ€šAssociated Cerebral Venous Thrombosis in Germany. <i>Annals of Neurology</i> , 2021, 90, 627-639. | 5.3 | 122 |
| 29 | StrokeWatch: An Instrument for Objective Standardized Real-Time Measurement of Door-to-Needle Times in Acute Ischemic Stroke Treatment. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105962. | 1.6 | 2 |
| 30 | A new CERAD total score with equally weighted z-scores and additional executive and non-amnesic â€šCERAD-Plusâ€š tests enhances cognitive diagnosis in patients with Parkinson's disease: Evidence from the LANDSCAPE study. <i>Parkinsonism and Related Disorders</i> , 2021, 90, 90-97. | 2.2 | 5 |
| 31 | Brain Structure and Degeneration Staging in Friedreich Ataxia: <scp>Magnetic Resonance Imaging</scp> Volumetrics from the <scp>ENIGMAâ€šAtaxia</scp> Working Group. <i>Annals of Neurology</i> , 2021, 90, 570-583. | 5.3 | 27 |
| 32 | Cognitive profiles of patients with mild cognitive impairment due to Alzheimer's versus Parkinson's disease defined using a base rate approach: Implications for neuropsychological assessments. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12223. | 2.4 | 4 |
| 33 | Progressive multifocal leukoencephalopathy and immune reconstitution inflammatory syndrome in seven patients with sarcoidosis: a critical discussion of treatment and prognosis. <i>Therapeutic Advances in Neurological Disorders</i> , 2021, 14, 175628642110355. | 3.5 | 4 |
| 34 | Increased neural motor activation and functional reorganization in patients with idiopathic rapid eye movement sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , 2021, 92, 76-82. | 2.2 | 6 |
| 35 | Increased Post-Hypoxic Oxidative Stress and Activation of the PERK Branch of the UPR in Trap1-Deficient <i>Drosophila melanogaster</i> Is Abrogated by Metformin. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11586. | 4.1 | 6 |
| 36 | New Keys to Early Diagnosis: Muscle Echogenicity, Nerve Ultrasound Patterns, Electrodiagnostic, and Clinical Parameters in 150 Patients with Hereditary Polyneuropathies. <i>Neurotherapeutics</i> , 2021, 18, 2425-2435. | 4.4 | 5 |

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|----|---|------|-----------|
| 37 | What can 7T sodium MRI tell us about cellular energy depletion and neurotransmission in Alzheimer's disease?. <i>Alzheimer's and Dementia</i> , 2021, 17, 1843-1854. | 0.8 | 6 |
| 38 | Changes in brain activation related to visuo-spatial memory after real-time fMRI neurofeedback training in healthy elderly and Alzheimer's disease. <i>Behavioural Brain Research</i> , 2020, 381, 112435. | 2.2 | 8 |
| 39 | Neurochemical profiles in hereditary ataxias: A meta-analysis of Magnetic Resonance Spectroscopy studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 854-865. | 6.1 | 18 |
| 40 | Onset features and time to diagnosis in Friedreich's Ataxia. <i>Orphanet Journal of Rare Diseases</i> , 2020, 15, 198. | 2.7 | 27 |
| 41 | Conversion of individuals at risk for spinocerebellar ataxia types 1, 2, 3, and 6 to manifest ataxia (RISCA): a longitudinal cohort study. <i>Lancet Neurology</i> , The, 2020, 19, 738-747. | 10.2 | 41 |
| 42 | Quantitative sensory testing predicts histological small fiber neuropathy in postural tachycardia syndrome. <i>Neurology: Clinical Practice</i> , 2020, 10, 428-434. | 1.6 | 20 |
| 43 | Quantitative sodium imaging using ultra-high field magnetic resonance imaging in patients with Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e042107. | 0.8 | 1 |
| 44 | Gaze Palsy as a Manifestation of Todd's Phenomenon: Case Report and Review of the Literature. <i>Brain Sciences</i> , 2020, 10, 298. | 2.3 | 2 |
| 45 | Microglial-specific depletion of TAK1 is neuroprotective in the acute phase after ischemic stroke. <i>Journal of Molecular Medicine</i> , 2020, 98, 833-847. | 3.9 | 30 |
| 46 | Effect of a multicomponent exercise intervention on brain metabolism: A randomized controlled trial on Alzheimer's pathology (Dementia-MOVE). <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12032. | 3.7 | 12 |
| 47 | Neurofilaments in spinocerebellar ataxia type 3: blood biomarkers at the preataxic and ataxic stage in humans and mice. <i>EMBO Molecular Medicine</i> , 2020, 12, e11803. | 6.9 | 73 |
| 48 | Functional Characterization of Atrophy Patterns Related to Cognitive Impairment. <i>Frontiers in Neurology</i> , 2020, 11, 18. | 2.4 | 12 |
| 49 | Semi-automated volumetry of MRI serves as a biomarker in neuromuscular patients. <i>Muscle and Nerve</i> , 2020, 61, 600-607. | 2.2 | 8 |
| 50 | Structural characteristics of the central nervous system in Friedreich's ataxia: an in vivo spinal cord and brain MRI study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 615-617. | 1.9 | 33 |
| 51 | Cerebral changes improved by physical activity during cognitive decline: A systematic review on MRI studies. <i>NeuroImage: Clinical</i> , 2019, 23, 101933. | 2.7 | 68 |
| 52 | Protocol of a randomized, double-blind, placebo-controlled, parallel-group, multicentre study of the efficacy and safety of nicotinamide in patients with Friedreich ataxia (NICOFA). <i>Neurological Research and Practice</i> , 2019, 1, 33. | 2.0 | 14 |
| 53 | EPO and TMBIM3/GRINA Promote the Activation of the Adaptive Arm and Counteract the Terminal Arm of the Unfolded Protein Response after Murine Transient Cerebral Ischemia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5421. | 4.1 | 14 |
| 54 | Cardiac stress after electroconvulsive therapy and spontaneous generalized convulsive seizures: A prospective echocardiographic and blood biomarker study. <i>Epilepsy and Behavior</i> , 2019, 101, 106565. | 1.7 | 1 |

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|----|--|------|-----------|
| 55 | Preface: The energetic brain â€“ a review from students to students. <i>Journal of Neurochemistry</i> , 2019, 151, 137-138. | 3.9 | 0 |
| 56 | Application of Quantitative Motor Assessments in Friedreich Ataxia and Evaluation of Their Relation to Clinical Measures. <i>Cerebellum</i> , 2019, 18, 896-909. | 2.5 | 9 |
| 57 | Going beyond the mean: Intraindividual variability of cognitive performance in prodromal and early neurodegenerative disorders. <i>Clinical Neuropsychologist</i> , 2019, 33, 369-389. | 2.3 | 43 |
| 58 | Prediction of Survival With Longâ€“Term Disease Progression in Most Common Spinocerebellar Ataxia. <i>Movement Disorders</i> , 2019, 34, 1220-1227. | 3.9 | 14 |
| 59 | EPO regulates neuroprotective Transmembrane BAX Inhibitor-1 Motif-containing (TMBIM) family members GRINA and FAIM2 after cerebral ischemia-reperfusion injury. <i>Experimental Neurology</i> , 2019, 320, 112978. | 4.1 | 22 |
| 60 | Myelinating Glia-Specific Deletion of Fbxo7 in Mice Triggers Axonal Degeneration in the Central Nervous System Together with Peripheral Neuropathy. <i>Journal of Neuroscience</i> , 2019, 39, 5606-5626. | 3.6 | 14 |
| 61 | No association between Parkinson disease and autoantibodies against NMDA-type glutamate receptors. <i>Translational Neurodegeneration</i> , 2019, 8, 11. | 8.0 | 10 |
| 62 | Neurogenic pulmonary edema following seizures: A retrospective computed tomography study. <i>Epilepsy and Behavior</i> , 2019, 94, 112-117. | 1.7 | 10 |
| 63 | Atypical presentation of anti-Ma2-associated encephalitis with choreiform movement. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, e557. | 6.0 | 7 |
| 64 | Cognitive decline in Parkinsonâ€™s disease: the impact of the motor phenotype on cognition. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 171-179. | 1.9 | 54 |
| 65 | Monitoring Î±â€“synuclein multimerization <i>in vivo</i> . <i>FASEB Journal</i> , 2019, 33, 2116-2131. | 0.5 | 10 |
| 66 | Brain atrophy measures in preclinical and manifest spinocerebellar ataxia type 2. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 128-137. | 3.7 | 45 |
| 67 | Impact of gender and genetics on emotion processing in Parkinson's disease - A multimodal study. <i>NeuroImage: Clinical</i> , 2018, 18, 305-314. | 2.7 | 32 |
| 68 | Reviewer selection biases editorial decisions on manuscripts. <i>Journal of Neurochemistry</i> , 2018, 146, 21-46. | 3.9 | 10 |
| 69 | Relevance of standard intravenous thrombolysis in endovascular stroke therapy of a tertiary stroke center. <i>Acta Neurologica Belgica</i> , 2018, 118, 105-111. | 1.1 | 9 |
| 70 | Friedreich and dominant ataxias: quantitative differences in cerebellar dysfunction measurements. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 559-565. | 1.9 | 16 |
| 71 | Faim2 contributes to neuroprotection by erythropoietin in transient brain ischemia. <i>Journal of Neurochemistry</i> , 2018, 145, 258-270. | 3.9 | 15 |
| 72 | Survival in patients with spinocerebellar ataxia types 1, 2, 3, and 6 (EUROSCA): a longitudinal cohort study. <i>Lancet Neurology</i> , The, 2018, 17, 327-334. | 10.2 | 69 |

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|----|--|-----|-----------|
| 73 | Early postictal serum lactate concentrations are superior to serum creatine kinase concentrations in distinguishing generalized tonic-clonic seizures from syncopes. <i>Internal and Emergency Medicine</i> , 2018, 13, 749-755. | 2.0 | 23 |
| 74 | Mechanistic contributions of FBOX7 to Parkinson disease. <i>Journal of Neurochemistry</i> , 2018, 144, 118-127. | 3.9 | 25 |
| 75 | Open Science Badges in the <i>Journal of Neurochemistry</i> . <i>Journal of Neurochemistry</i> , 2018, 147, 132-136. | 3.9 | 4 |
| 76 | Î±1-antitrypsin mitigates NLRP3-inflammasome activation in amyloid Î²1-42-stimulated murine astrocytes. <i>Journal of Neuroinflammation</i> , 2018, 15, 282. | 7.2 | 53 |
| 77 | Modern Interdisciplinary and Interhospital Acute Stroke Therapy—What Patients Think About It and What They Really Understand. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2669-2676. | 1.6 | 1 |
| 78 | Risk factors of suicidal ideation in Huntington's disease: literature review and data from Enroll-HD. <i>Journal of Neurology</i> , 2018, 265, 2548-2561. | 3.6 | 37 |
| 79 | Fingolimod (FTY720) is not protective in the subacute MPTP mouse model of Parkinson's disease and does not lead to a sustainable increase of brain-derived neurotrophic factor. <i>Journal of Neurochemistry</i> , 2018, 147, 678-691. | 3.9 | 17 |
| 80 | Long-term evolution of patient-reported outcome measures in spinocerebellar ataxias. <i>Journal of Neurology</i> , 2018, 265, 2040-2051. | 3.6 | 34 |
| 81 | Psychometric Properties of an Abbreviated Version of the Apathy Evaluation Scale for Parkinson Disease (AES-12PD). <i>American Journal of Geriatric Psychiatry</i> , 2018, 26, 1079-1090. | 1.2 | 5 |
| 82 | Characterization of Na ⁺ -ve and Vitamin C-Treated Mouse Schwann Cell Line MSC80: Induction of the Antioxidative Thioredoxin Related Transmembrane Protein 1. <i>Journal of Proteome Research</i> , 2018, 17, 2925-2936. | 3.7 | 9 |
| 83 | FYCO1 mediates clearance of Î±-synuclein aggregates through a Rab7-dependent mechanism. <i>Journal of Neurochemistry</i> , 2018, 146, 474-492. | 3.9 | 19 |
| 84 | Nonataxia symptoms in Friedreich Ataxia. <i>Neurology</i> , 2018, 91, e917-e930. | 1.1 | 46 |
| 85 | Brain imaging findings in idiopathic REM sleep behavior disorder (RBD) — A systematic review on potential biomarkers for neurodegeneration. <i>Sleep Medicine Reviews</i> , 2017, 34, 23-33. | 8.5 | 76 |
| 86 | Linking amyotrophic lateral sclerosis and spinal muscular atrophy through <i>scRNA</i> transcriptome homeostasis: a genomics perspective. <i>Journal of Neurochemistry</i> , 2017, 141, 12-30. | 3.9 | 25 |
| 87 | Psychometric properties of the apathy evaluation scale in patients with Parkinson's disease. <i>International Journal of Methods in Psychiatric Research</i> , 2017, 26, . | 2.1 | 10 |
| 88 | Sodium-dependent Vitamin C transporter 2 deficiency impairs myelination and remyelination after injury: Roles of collagen and demethylation. <i>Glia</i> , 2017, 65, 1186-1200. | 4.9 | 13 |
| 89 | Screening for lipoprotein receptor-related protein 4, agrin-, and titin-antibodies and exploring the autoimmune spectrum in myasthenia gravis. <i>Journal of Neurology</i> , 2017, 264, 1193-1203. | 3.6 | 41 |
| 90 | Unobtrusive Nocturnal Heartbeat Monitoring by a Ballistocardiographic Sensor in Patients with Sleep Disordered Breathing. <i>Scientific Reports</i> , 2017, 7, 13175. | 3.3 | 31 |

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|-----|---|-----|-----------|
| 91 | Frequent genes in rare diseases: panel-based next generation sequencing to disclose causal mutations in hereditary neuropathies. <i>Journal of Neurochemistry</i> , 2017, 143, 507-522. | 3.9 | 68 |
| 92 | Vaccination strategies in tauopathies and synucleinopathies. <i>Journal of Neurochemistry</i> , 2017, 143, 467-488. | 3.9 | 30 |
| 93 | Body Mass Index Decline Is Related to Spinocerebellar Ataxia Disease Progression. <i>Movement Disorders Clinical Practice</i> , 2017, 4, 689-697. | 1.5 | 25 |
| 94 | The malleable brain - An educational review from students to students. <i>Journal of Neurochemistry</i> , 2017, 142, 788-789. | 3.9 | 3 |
| 95 | Sporadic late-onset nemaline myopathy: clinico-pathological characteristics and review of 76 cases. <i>Orphanet Journal of Rare Diseases</i> , 2017, 12, 86. | 2.7 | 77 |
| 96 | Grading of proximal internal carotid artery (ICA) stenosis by Doppler/duplex ultrasound (DUS) and computed tomographic angiography (CTA): correlation and interrater reliability in real-life practice. <i>Acta Neurologica Belgica</i> , 2017, 117, 183-188. | 1.1 | 9 |
| 97 | Cognitive Improvement and Brain Changes after Real-Time Functional MRI Neurofeedback Training in Healthy Elderly and Prodromal Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2017, 8, 384. | 2.4 | 41 |
| 98 | Metabolic Syndrome, Neurotoxic 1-Deoxysphingolipids and Nervous Tissue Inflammation in Chronic Idiopathic Axonal Polyneuropathy (CIAP). <i>PLoS ONE</i> , 2017, 12, e0170583. | 2.5 | 13 |
| 99 | Anterior sacral meningocele infected with <i>Fusobacterium</i> in a patient with recently diagnosed colorectal carcinoma - a case report. <i>BMC Neurology</i> , 2017, 17, 212. | 1.8 | 2 |
| 100 | Clinical and biometrical 12-month follow-up in patients after reconstruction of the sural nerve biopsy defect by the collagen-based nerve guide Neuromaix. <i>European Journal of Medical Research</i> , 2017, 22, 34. | 2.2 | 43 |
| 101 | Posterior Cortical Atrophy. <i>Alzheimer Disease and Associated Disorders</i> , 2016, 30, 276-280. | 1.3 | 2 |
| 102 | Rab7 induces clearance of α -synuclein aggregates. <i>Journal of Neurochemistry</i> , 2016, 138, 758-774. | 3.9 | 63 |
| 103 | Novel genetic and neuropathological insights in neurogenic muscle weakness, ataxia, and retinitis pigmentosa (NARP). <i>Muscle and Nerve</i> , 2016, 54, 328-333. | 2.2 | 22 |
| 104 | Subtypes of mild cognitive impairment in patients with Parkinson's disease: evidence from the LANDSCAPE study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1099-1105. | 1.9 | 76 |
| 105 | Synaptopathies: synaptic dysfunction in neurological disorders - A review written by students for students, and a story of success for ISN schools. <i>Journal of Neurochemistry</i> , 2016, 138, 783-784. | 3.9 | 8 |
| 106 | Verbal memory declines more in female patients with Parkinson's disease: the importance of gender-corrected normative data. <i>Psychological Medicine</i> , 2016, 46, 2275-2286. | 4.5 | 14 |
| 107 | Apolipoprotein E ϵ 4 does not affect cognitive performance in patients with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2016, 29, 112-116. | 2.2 | 22 |
| 108 | Ret is essential to mediate GDNF's neuroprotective and neuroregenerative effect in a Parkinson disease mouse model. <i>Cell Death and Disease</i> , 2016, 7, e2359-e2359. | 6.3 | 67 |

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|-----|--|------|-----------|
| 109 | Loss of <sc>FBXO</sc>7 (<sc>PARK</sc>15) results in reduced proteasome activity and models a parkinsonism-like phenotype in mice. EMBO Journal, 2016, 35, 2008-2025. | 7.8 | 65 |
| 110 | Underestimated associated features in <sc>CMT</sc> neuropathies: clinical indicators for the causative gene?. Brain and Behavior, 2016, 6, e00451. | 2.2 | 25 |
| 111 | Current and experimental treatments of Parkinson disease: A guide for neuroscientists. Journal of Neurochemistry, 2016, 139, 325-337. | 3.9 | 268 |
| 112 | 199 years of Parkinson disease – what have we learned and what is the path to the future?. Journal of Neurochemistry, 2016, 139, 3-7. | 3.9 | 23 |
| 113 | Tubular aggregates in autoimmune Lambert-Eaton myasthenic syndrome. Neuromuscular Disorders, 2016, 26, 880-884. | 0.6 | 3 |
| 114 | Mice lacking Faim2 show increased cell death in the <sc>MPTP</sc> mouse model of Parkinson disease. Journal of Neurochemistry, 2016, 139, 848-857. | 3.9 | 14 |
| 115 | Reflections on 60 years of publication of the Journal of Neurochemistry. Journal of Neurochemistry, 2016, 139, 7-16. | 3.9 | 4 |
| 116 | 60 Years of the Journal of Neurochemistry. Journal of Neurochemistry, 2016, 139, 5-6. | 3.9 | 0 |
| 117 | The impact of fraudulent and irreproducible data to the translational research crisis – solutions and implementation. Journal of Neurochemistry, 2016, 139, 253-270. | 3.9 | 41 |
| 118 | Progression characteristics of the European Friedreich's Ataxia Consortium for Translational Studies (EFACTS): a 2 year cohort study. Lancet Neurology, The, 2016, 15, 1346-1354. | 10.2 | 117 |
| 119 | A Learned Society's Perspective on Publishing. Journal of Neurochemistry, 2016, 139, 17-23. | 3.9 | 10 |
| 120 | D26...Pathological tau signal in huntington's disease – an in vivo [18F]-AV-1451 pet imaging report. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A44.1-A44. | 1.9 | 2 |
| 121 | D14...Resting-state connectivity changes in huntington's disease: a follow-up study. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A38.3-A39. | 1.9 | 0 |
| 122 | Cognition in Friedreich's ataxia: a behavioral and multimodal imaging study. Annals of Clinical and Translational Neurology, 2016, 3, 572-587. | 3.7 | 50 |
| 123 | Standardized Assessment of Hereditary Ataxia Patients in Clinical Studies. Movement Disorders Clinical Practice, 2016, 3, 230-240. | 1.5 | 13 |
| 124 | Neurothrombectomy in acute ischaemic stroke: a prospective single-centre study and comparison with randomized controlled trials. European Journal of Neurology, 2016, 23, 807-816. | 3.3 | 30 |
| 125 | Reduced intraepidermal nerve fiber density in patients with REM sleep behavior disorder. Parkinsonism and Related Disorders, 2016, 29, 10-16. | 2.2 | 29 |
| 126 | Lactate as a diagnostic marker in transient loss of consciousness. Seizure: the Journal of the British Epilepsy Association, 2016, 40, 71-75. | 2.0 | 56 |

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|-----|---|------|-----------|
| 127 | Risk profile and treatment options of acute ischemic in-hospital stroke. <i>Journal of Neurology</i> , 2016, 263, 550-557. | 3.6 | 23 |
| 128 | Expanded phenotypic spectrum of the m.8344A>G ÆMERRFÆ mutation: data from the German mitoNET registry. <i>Journal of Neurology</i> , 2016, 263, 961-972. | 3.6 | 77 |
| 129 | Analysis of drug-related problems in three departments of a German University hospital. <i>International Journal of Clinical Pharmacy</i> , 2016, 38, 119-126. | 2.1 | 47 |
| 130 | Cardiovascular causes of emergency neurology presenting to an ICU. <i>Perfusion (United Kingdom)</i> , 2016, 31, 271-280. | 1.0 | 2 |
| 131 | Increased Cerebral Water Content in Hemodialysis Patients. <i>PLoS ONE</i> , 2015, 10, e0122188. | 2.5 | 22 |
| 132 | GAD Antibodies as Key Link Between Chronic Intestinal Pseudoobstruction, Autonomic Neuropathy, and Limb Stiffness in a Nondiabetic Patient. <i>Medicine (United States)</i> , 2015, 94, e1265. | 1.0 | 10 |
| 133 | Elevation of plasma ÆdeoxyÆ sphingolipids in type 2 diabetes mellitus: a susceptibility to neuropathy?. <i>European Journal of Neurology</i> , 2015, 22, 806. | 3.3 | 44 |
| 134 | Biological and clinical characteristics of the European Friedreich's Ataxia Consortium for Translational Studies (EFACTS) cohort: a cross-sectional analysis of baseline data. <i>Lancet Neurology</i> , The, 2015, 14, 174-182. | 10.2 | 159 |
| 135 | Quantifiable evaluation of cerebellar signs in children. <i>Neurology</i> , 2015, 84, 1225-1232. | 1.1 | 8 |
| 136 | Impaired retrograde transport by the Dynein/Dynactin complex contributes to Tau-induced toxicity. <i>Human Molecular Genetics</i> , 2015, 24, 3623-3637. | 2.9 | 58 |
| 137 | Adjuvant Granulocyte Colony-Stimulating Factor Therapy Results in Improved Spatial Learning and Stimulates Hippocampal Neurogenesis in a Mouse Model of Pneumococcal Meningitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 85-94. | 1.7 | 13 |
| 138 | Long-term disease progression in spinocerebellar ataxia types 1, 2, 3, and 6: a longitudinal cohort study. <i>Lancet Neurology</i> , The, 2015, 14, 1101-1108. | 10.2 | 213 |
| 139 | Functional connectivity modeling of consistent cortico-striatal degeneration in Huntington's disease. <i>NeuroImage: Clinical</i> , 2015, 7, 640-652. | 2.7 | 27 |
| 140 | Nuclear import factor transportin and arginine methyltransferase 1 modify FUS neurotoxicity in <i>Drosophila</i> . <i>Neurobiology of Disease</i> , 2015, 74, 76-88. | 4.4 | 36 |
| 141 | Consensus Paper: Radiological Biomarkers of Cerebellar Diseases. <i>Cerebellum</i> , 2015, 14, 175-196. | 2.5 | 42 |
| 142 | Specific and disease stage-dependent episodic memory-related brain activation patterns in AlzheimerÆ™s disease: a coordinate-based meta-analysis. <i>Brain Structure and Function</i> , 2015, 220, 1555-1571. | 2.3 | 46 |
| 143 | The Montreal Cognitive Assessment (MoCA) - A Sensitive Screening Instrument for Detecting Cognitive Impairment in Chronic Hemodialysis Patients. <i>PLoS ONE</i> , 2014, 9, e106700. | 2.5 | 130 |
| 144 | Consensus clinical management guidelines for Friedreich ataxia. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 184. | 2.7 | 76 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 145 | The Proximal Medial Sural Nerve Biopsy Model: A Standardised and Reproducible Baseline Clinical Model for the Translational Evaluation of Bioengineered Nerve Guides. <i>BioMed Research International</i> , 2014, 2014, 1-11. | 1.9 | 17 |
| 146 | Neural correlates of impaired emotion processing in manifest Huntingtonâ€™s disease. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 671-680. | 3.0 | 44 |
| 147 | Modulation of Hippocampal Neuroplasticity by Fas/CD95 Regulatory Protein 2 (Faim2) in the Course of Bacterial Meningitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 2-13. | 1.7 | 18 |
| 148 | Evidence of the Sensitivity of the MoCA Alternate Forms in Monitoring Cognitive Change in Early Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2014, 37, 95-103. | 1.5 | 43 |
| 149 | <scp>CDK</scp>5 protects from caspaseâ€ induced Ataxinâ€ cleavage and neurodegeneration. <i>Journal of Neurochemistry</i> , 2014, 129, 1013-1023. | 3.9 | 20 |
| 150 | Clinical significance of post-interventional cerebral hyperdensities after endovascular mechanical thrombectomy in acute ischaemic stroke. <i>Neuroradiology</i> , 2014, 56, 41-50. | 2.2 | 35 |
| 151 | Altered restingâ€state connectivity in Huntington's Disease. <i>Human Brain Mapping</i> , 2014, 35, 2582-2593. | 3.6 | 82 |
| 152 | Unusual multisystemic involvement and a novel BAG3 mutation revealed by NGS screening in a large cohort of myofibrillar myopathies. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 121. | 2.7 | 38 |
| 153 | UBE2E Ubiquitin-conjugating Enzymes and Ubiquitin Isopeptidase Y Regulate TDP-43 Protein Ubiquitination. <i>Journal of Biological Chemistry</i> , 2014, 289, 19164-19179. | 3.4 | 62 |
| 154 | The processing of lexical ambiguity in healthy ageing and Parkinson's disease: Role of cortico-subcortical networks. <i>Brain Research</i> , 2014, 1581, 51-63. | 2.2 | 12 |
| 155 | Novel TPM3 mutation in a family with cap myopathy and review of the literature. <i>Neuromuscular Disorders</i> , 2014, 24, 117-124. | 0.6 | 18 |
| 156 | Clinical Predictors of Individual Cognitive Fluctuations in Patients Undergoing Hemodialysis. <i>American Journal of Kidney Diseases</i> , 2014, 64, 434-442. | 1.9 | 50 |
| 157 | Evidence for gender differences in cognition, emotion and quality of life in Parkinson's disease?. , 2014, 5, 63-75. | | 33 |
| 158 | Cognitive effects of deep brain stimulation for essential tremor: evaluation at 1 and 6Â years. <i>Journal of Neural Transmission</i> , 2013, 120, 1569-1577. | 2.8 | 23 |
| 159 | Differentiated parietal connectivity of frontal regions for â€whatâ€ and â€whereâ€ memory. <i>Brain Structure and Function</i> , 2013, 218, 1551-1567. | 2.3 | 86 |
| 160 | TRAP1 rescues PINK1 loss-of-function phenotypes. <i>Human Molecular Genetics</i> , 2013, 22, 2829-2841. | 2.9 | 81 |
| 161 | Biological and clinical characteristics of individuals at risk for spinocerebellar ataxia types 1, 2, 3, and 6 in the longitudinal RISCA study: analysis of baseline data. <i>Lancet Neurology</i> , The, 2013, 12, 650-658. | 10.2 | 167 |
| 162 | <i>Drosophila melanogaster</i> as a model organism for Alzheimerâ€™s disease. <i>Molecular Neurodegeneration</i> , 2013, 8, 35. | 10.8 | 171 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 163 | Diagnostic hallmarks and pitfalls in late-onset progressive transthyretin-related amyloid-neuropathy. <i>Journal of Neurology</i> , 2013, 260, 3093-3108. | 3.6 | 71 |
| 164 | Coenzyme Q ₁₀ and idebenone use in Friedreich's ataxia. <i>Journal of Neurochemistry</i> , 2013, 126, 125-141. | 3.9 | 97 |
| 165 | Impairment of the septal cholinergic neurons in MPTP-treated A30P \pm synuclein mice. <i>Neurobiology of Aging</i> , 2013, 34, 589-601. | 3.1 | 16 |
| 166 | Novel <i>FHL1</i> mutation in a family with reducing body myopathy. <i>Muscle and Nerve</i> , 2013, 47, 127-134. | 2.2 | 23 |
| 167 | <i>Drosophila</i> as a screening tool to study human neurodegenerative diseases. <i>Journal of Neurochemistry</i> , 2013, 127, 453-460. | 3.9 | 86 |
| 168 | 150 years of Friedreich Ataxia: from its discovery to therapy. <i>Journal of Neurochemistry</i> , 2013, 126, 1-3. | 3.9 | 17 |
| 169 | Consistent Neurodegeneration and Its Association with Clinical Progression in Huntington's Disease: A Coordinate-Based Meta-Analysis. <i>Neurodegenerative Diseases</i> , 2013, 12, 23-35. | 1.4 | 64 |
| 170 | Rating disease progression of Friedreich's ataxia by the International Cooperative Ataxia Rating Scale: analysis of a 603-patient database. <i>Brain</i> , 2013, 136, 259-268. | 7.6 | 48 |
| 171 | Genotype-specific patterns of atrophy progression are more sensitive than clinical decline in SCA1, SCA3 and SCA6. <i>Brain</i> , 2013, 136, 905-917. | 7.6 | 128 |
| 172 | PML in a Patient Treated with Fumaric Acid. <i>New England Journal of Medicine</i> , 2013, 368, 1657-1658. | 27.0 | 176 |
| 173 | A Global In Vivo <i>Drosophila</i> RNAi Screen Identifies a Key Role of Ceramide Phosphoethanolamine for Glial Ensheathment of Axons. <i>PLoS Genetics</i> , 2013, 9, e1003980. | 3.5 | 44 |
| 174 | Diagnostic challenge and therapeutic dilemma in necrotizing myopathy. <i>Neurology</i> , 2013, 81, 932-935. | 1.1 | 14 |
| 175 | Teaching Neuro Images: Combined retinal and cerebral hyperperfusion syndrome after carotid thromboendarterectomy. <i>Neurology</i> , 2013, 81, e166-7. | 1.1 | 1 |
| 176 | Molecular imaging and its applications: visualization beyond imagination. <i>Journal of Neurochemistry</i> , 2013, 127, 575-577. | 3.9 | 0 |
| 177 | Monitoring progression in Friedreich ataxia (<i>FRDA</i>): the use of clinical scales. <i>Journal of Neurochemistry</i> , 2013, 126, 118-124. | 3.9 | 51 |
| 178 | Yeast, fish, fly "models to study the pathogenesis of proteinopathies and screen for interventions. <i>Journal of Neurochemistry</i> , 2013, 127, 434-434. | 3.9 | 0 |
| 179 | Case Reports of PML in Patients Treated for Psoriasis. <i>New England Journal of Medicine</i> , 2013, 369, 1080-1082. | 27.0 | 45 |
| 180 | Common data elements for clinical research in Friedreich's ataxia. <i>Movement Disorders</i> , 2013, 28, 190-195. | 3.9 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 181 | Diminished Activation of Motor Working-Memory Networks in Parkinson's Disease. PLoS ONE, 2013, 8, e61786. | 2.5 | 29 |
| 182 | Morphological spectrum and clinical features of myopathies with tubular aggregates. Histology and Histopathology, 2013, 28, 1041-54. | 0.7 | 16 |
| 183 | The Mitochondrial Chaperone Protein TRAP1 Mitigates α -Synuclein Toxicity. PLoS Genetics, 2012, 8, e1002488. | 3.5 | 120 |
| 184 | The Heart in Friedreich Ataxia. Circulation, 2012, 125, 1626-1634. | 1.6 | 119 |
| 185 | Clinical data and characterization of the liver conditional mouse model exclude neoplasia as a non-neurological manifestation associated with Friedreich's ataxia. DMM Disease Models and Mechanisms, 2012, 5, 860-9. | 2.4 | 34 |
| 186 | Alternate-Form Reliability of the Montreal Cognitive Assessment Screening Test in a Clinical Setting. Dementia and Geriatric Cognitive Disorders, 2012, 33, 379-384. | 1.5 | 93 |
| 187 | Myopathy with lobulated fibers, cores, and rods caused by a mutation in collagen VI. Neurology, 2012, 79, 2288-2290. | 1.1 | 7 |
| 188 | Efficient Gene Therapy for Parkinson's Disease Using Astrocytes as Hosts for Localized Neurotrophic Factor Delivery. Molecular Therapy, 2012, 20, 534-543. | 8.2 | 82 |
| 189 | Receptor for advanced glycation endproducts (RAGE) deficiency protects against MPTP toxicity. Neurobiology of Aging, 2012, 33, 2478-2490. | 3.1 | 66 |
| 190 | Effects of selegiline and rasagiline on disease progression in Parkinson's disease. Basal Ganglia, 2012, 2, S41-S45. | 0.3 | 5 |
| 191 | Modelling neural correlates of working memory: A coordinate-based meta-analysis. NeuroImage, 2012, 60, 830-846. | 4.2 | 777 |
| 192 | Investigating function and connectivity of morphometric findings exemplified on cerebellar atrophy in spinocerebellar ataxia 17 (SCA17). NeuroImage, 2012, 62, 1354-1366. | 4.2 | 72 |
| 193 | Increased brain tissue sodium concentration in Huntington's Disease - A sodium imaging study at 4T. NeuroImage, 2012, 63, 517-524. | 4.2 | 67 |
| 194 | The Cancer Stem Cell Subtype Determines Immune Infiltration of Glioblastoma. Stem Cells and Development, 2012, 21, 2753-2761. | 2.1 | 79 |
| 195 | Feasibility of Prehospital Teleconsultation in Acute Stroke - A Pilot Study in Clinical Routine. PLoS ONE, 2012, 7, e36796. | 2.5 | 91 |
| 196 | Efficacy of clinically relevant temozolomide dosing schemes in glioblastoma cancer stem cell lines. Journal of Neuro-Oncology, 2012, 109, 45-52. | 2.9 | 41 |
| 197 | Spinocerebellar Ataxia Types 1, 2, 3 and 6: the Clinical Spectrum of Ataxia and Morphometric Brainstem and Cerebellar Findings. Cerebellum, 2012, 11, 155-166. | 2.5 | 74 |
| 198 | A30P α -synuclein impairs dopaminergic fiber regeneration and interacts with L-DOPA replacement in MPTP-treated mice. Neurobiology of Disease, 2012, 45, 591-600. | 4.4 | 22 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 199 | Neuroanatomic changes and their association with cognitive decline in mild cognitive impairment: a meta-analysis. <i>Brain Structure and Function</i> , 2012, 217, 115-125. | 2.3 | 67 |
| 200 | Large-Scale Screen for Modifiers of Ataxin-3-Derived Polyglutamine-Induced Toxicity in <i>Drosophila</i> . <i>PLoS ONE</i> , 2012, 7, e47452. | 2.5 | 38 |
| 201 | P3.36. Phenotypic spectrum in myopathies with tubular aggregates. <i>Neuromuscular Disorders</i> , 2011, 21, 692-693. | 0.6 | 0 |
| 202 | Sustained Effects of Once-Daily Memantine Treatment on Cognition and Functional Communication Skills in Patients with Moderate to Severe Alzheimer's Disease: Results of a 16-Week Open-Label Trial. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 463-475. | 2.6 | 25 |
| 203 | Basic science in Parkinson's disease: its impact on clinical practice. <i>Journal of Neurology</i> , 2011, 258, 299-306. | 3.6 | 6 |
| 204 | Chemoresistance of glioblastoma cancer stem cells - much more complex than expected. <i>Molecular Cancer</i> , 2011, 10, 128. | 19.2 | 265 |
| 205 | Depression comorbidity in spinocerebellar ataxia. <i>Movement Disorders</i> , 2011, 26, 870-876. | 3.9 | 69 |
| 206 | The natural history of spinocerebellar ataxia type 1, 2, 3, and 6. <i>Neurology</i> , 2011, 77, 1035-1041. | 1.1 | 259 |
| 207 | Fas/CD95 Regulatory Protein Faim2 Is Neuroprotective after Transient Brain Ischemia. <i>Journal of Neuroscience</i> , 2011, 31, 225-233. | 3.6 | 43 |
| 208 | Parkinson's Disease and Dementia: A Longitudinal Study (DEMPARK). <i>Neuroepidemiology</i> , 2011, 37, 168-176. | 2.3 | 47 |
| 209 | Aorto-left-ventricular tunnel. <i>Neurology</i> , 2011, 76, 2129-2129. | 1.1 | 0 |
| 210 | Targeted Ablation of Oligodendrocytes Triggers Axonal Damage. <i>PLoS ONE</i> , 2011, 6, e22735. | 2.5 | 47 |
| 211 | Involvement of the human ventrolateral thalamus in olfaction. <i>Journal of Neurology</i> , 2010, 257, 2037-2043. | 3.6 | 13 |
| 212 | Transgenic overexpression of the alpha-synuclein interacting protein synphilin-1 leads to behavioral and neuropathological alterations in mice. <i>Neurogenetics</i> , 2010, 11, 107-120. | 1.4 | 18 |
| 213 | Self-rated health status in spinocerebellar ataxia—Results from a European multicenter study. <i>Movement Disorders</i> , 2010, 25, 587-595. | 3.9 | 74 |
| 214 | Differential pattern of brain-specific CSF proteins tau and amyloid-beta in Parkinsonian syndromes. <i>Movement Disorders</i> , 2010, 25, 1284-1288. | 3.9 | 44 |
| 215 | PKC links Gq-coupled receptors to DAT-mediated dopamine release. <i>Journal of Neurochemistry</i> , 2010, 114, 587-596. | 3.9 | 25 |
| 216 | Knockdown of transactive response DNA-binding protein (TDP-43) downregulates histone deacetylase 6. <i>EMBO Journal</i> , 2010, 29, 209-221. | 7.8 | 200 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 217 | TDP-43-Mediated Neuron Loss In Vivo Requires RNA-Binding Activity. PLoS ONE, 2010, 5, e12247. | 2.5 | 166 |
| 218 | Responsiveness of different rating instruments in spinocerebellar ataxia patients. Neurology, 2010, 74, 678-684. | 1.1 | 153 |
| 219 | Effects of deep brain stimulation of the cerebellothalamic pathways on the sense of smell. Experimental Neurology, 2010, 222, 144-152. | 4.1 | 16 |
| 220 | Visualization, quantification and correlation of brain atrophy with clinical symptoms in spinocerebellar ataxia types 1, 3 and 6. NeuroImage, 2010, 49, 158-168. | 4.2 | 162 |
| 221 | The Yeast HtrA Orthologue Ynm3 Is a Protease with Chaperone Activity that Aids Survival Under Heat Stress. Molecular Biology of the Cell, 2009, 20, 68-77. | 2.1 | 32 |
| 222 | Comparison of three clinical rating scales in Friedreich ataxia (FRDA). Movement Disorders, 2009, 24, 1779-1784. | 3.9 | 131 |
| 223 | Clinical experience with high-dose idebenone in Friedreich ataxia. Journal of Neurology, 2009, 256, 42-45. | 3.6 | 58 |
| 224 | Pre-fibrillar α -synuclein variants with impaired β -structure increase neurotoxicity in Parkinson's disease models. EMBO Journal, 2009, 28, 3256-3268. | 7.8 | 411 |
| 225 | Aggregate formation and toxicity by wild-type and R621C synphilin-1 in the nigrostriatal system of mice using adenoviral vectors. Journal of Neurochemistry, 2009, 108, 139-146. | 3.9 | 27 |
| 226 | BAG1 modulates huntingtin toxicity, aggregation, degradation, and subcellular distribution. Journal of Neurochemistry, 2009, 111, 801-807. | 3.9 | 25 |
| 227 | Diagnosis and treatment of Friedreich ataxia: a European perspective. Nature Reviews Neurology, 2009, 5, 222-234. | 10.1 | 231 |
| 228 | CD95/Fas in the Brain – Not Just a Killer. Cell Stem Cell, 2009, 5, 128-130. | 11.1 | 12 |
| 229 | M.P.1.02 SNT-MC17/idebenone in the treatment of Friedreich's ataxia: Preliminary safety data from a 12-month European randomized, placebo-controlled study. Neuromuscular Disorders, 2009, 19, 546. | 0.6 | 0 |
| 230 | Magnetic resonance imaging in spinocerebellar ataxias. Cerebellum, 2008, 7, 204-214. | 2.5 | 67 |
| 231 | Long-term EMG recordings differentiate between parkinsonian and essential tremor. Journal of Neurology, 2008, 255, 103-111. | 3.6 | 68 |
| 232 | Lewy body dementia and Parkinson's disease with dementia. Journal of Neurology, 2008, 255, 39-47. | 3.6 | 45 |
| 233 | Update on the pathogenesis of Parkinson's disease. Journal of Neurology, 2008, 255, 3-7. | 3.6 | 258 |
| 234 | Deficiency of Inducible Nitric Oxide Synthase Protects Against MPTP Toxicity In Vivo. Journal of Neurochemistry, 2008, 74, 2213-2216. | 3.9 | 299 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 235 | Rescue from death but not from functional impairment: caspase inhibition protects dopaminergic cells against 6-hydroxydopamine-induced apoptosis but not against the loss of their terminals. <i>Journal of Neurochemistry</i> , 2008, 77, 263-273. | 3.9 | 4 |
| 236 | Dopamine mediates striatal malonate toxicity via dopamine transporter-dependent generation of reactive oxygen species and D2 but not D1 receptor activation. <i>Journal of Neurochemistry</i> , 2008, 79, 63-70. | 3.9 | 47 |
| 237 | Bilateral changes in neuronal activity of the basal ganglia in the unilateral 6-hydroxydopamine rat model. <i>Journal of Neuroscience Research</i> , 2008, 86, 1388-1396. | 2.9 | 39 |
| 238 | Tat-Hsp70 protects dopaminergic neurons in midbrain cultures and in the substantia nigra in models of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2008, 105, 853-864. | 3.9 | 85 |
| 239 | Accumulation and clearance of α -synuclein aggregates demonstrated by time-lapse imaging. <i>Journal of Neurochemistry</i> , 2008, 106, 529-540. | 3.9 | 66 |
| 240 | Influence of SORL1 gene variants: Association with CSF amyloid- β products in probable Alzheimer's disease. <i>Neuroscience Letters</i> , 2008, 440, 68-71. | 2.1 | 43 |
| 241 | Death receptor Fas (CD95) signaling in the central nervous system: tuning neuroplasticity?. <i>Trends in Neurosciences</i> , 2008, 31, 478-486. | 8.6 | 41 |
| 242 | Efficient Inhibition of the Alzheimer's Disease β -Secretase by Membrane Targeting. <i>Science</i> , 2008, 320, 520-523. | 12.6 | 254 |
| 243 | Neurodegeneration and Motor Dysfunction in a Conditional Model of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2008, 28, 2471-2484. | 3.6 | 164 |
| 244 | Mitochondrial Protein Quality Control by the Proteasome Involves Ubiquitination and the Protease Omi. <i>Journal of Biological Chemistry</i> , 2008, 283, 12681-12685. | 3.4 | 145 |
| 245 | Magnetic resonance imaging in spinocerebellar ataxias. <i>Cerebellum</i> , 2008, 7, 1-11. | 2.5 | 0 |
| 246 | Two molecular pathways initiate mitochondria-dependent dopaminergic neurodegeneration in experimental Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8161-8166. | 7.1 | 190 |
| 247 | The proteasomal subunit S6 ATPase is a novel synphilin-1 interacting protein—implications for Parkinson's disease. <i>FASEB Journal</i> , 2007, 21, 1759-1767. | 0.5 | 48 |
| 248 | RET signaling does not modulate MPTP toxicity but is required for regeneration of dopaminergic axon terminals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20049-20054. | 7.1 | 53 |
| 249 | Mechanisms of neurodegeneration in idiopathic Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2007, 13, S306-S308. | 2.2 | 35 |
| 250 | Silencing of the <i>Pink1</i> Gene Expression by Conditional RNAi Does Not Induce Dopaminergic Neuron Death in Mice. <i>International Journal of Biological Sciences</i> , 2007, 3, 242-250. | 6.4 | 80 |
| 251 | Extracellular domain splice variants of a transforming protein tyrosine phosphatase ? mutant differentially activate Src-kinase dependent focus formation. <i>Genes To Cells</i> , 2007, 12, 63-73. | 1.2 | 12 |
| 252 | Blood-based neurochemical diagnosis of vascular dementia: a pilot study. <i>Journal of Neurochemistry</i> , 2007, 103, 467-474. | 3.9 | 55 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 253 | Membrane-permeable Bcl-xL prevents MPTP-induced dopaminergic neuronal loss in the substantia nigra. <i>Journal of Neurochemistry</i> , 2007, 104, 071108171001009-??? | 3.9 | 20 |
| 254 | Transient expression of Nxf, a bHLH-PAS transactivator induced by neuronal preconditioning, confers neuroprotection in cultured cells. <i>Brain Research</i> , 2007, 1135, 1-11. | 2.2 | 26 |
| 255 | Cortical stimulation mapping using epidurally implanted thin-film microelectrode arrays. <i>Journal of Neuroscience Methods</i> , 2007, 161, 118-125. | 2.5 | 60 |
| 256 | Lesion of the pedunclopontine nucleus reverses hyperactivity of the subthalamic nucleus and substantia nigra pars reticulata in a 6-hydroxydopamine rat model. <i>European Journal of Neuroscience</i> , 2006, 24, 2275-2282. | 2.6 | 60 |
| 257 | Granulocyte colony stimulating factor is neuroprotective in a model of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2006, 97, 675-686. | 3.9 | 109 |
| 258 | The multidrug resistance protein ϵ 1 (Mrp1), but not Mrp5, mediates export of glutathione and glutathione disulfide from brain astrocytes. <i>Journal of Neurochemistry</i> , 2006, 97, 373-384. | 3.9 | 165 |
| 259 | Ergoline and non-ergoline derivatives in the treatment of Parkinson's disease. <i>Journal of Neurology</i> , 2006, 253, iv36-iv38. | 3.6 | 23 |
| 260 | Cholesterol depletion reduces aggregation of amyloid-beta peptide in hippocampal neurons. <i>Neurobiology of Disease</i> , 2006, 23, 573-577. | 4.4 | 80 |
| 261 | Visualization and quantification of disease progression in multiple system atrophy. <i>Movement Disorders</i> , 2006, 21, 1674-1681. | 3.9 | 53 |
| 262 | Penguins and hummingbirds: Midbrain atrophy in progressive supranuclear palsy. <i>Neurology</i> , 2006, 66, 949-950. | 1.1 | 74 |
| 263 | Statin Therapy at Carotid Angioplasty and Stent Placement: Effect on Procedure-related Stroke, Myocardial Infarction, and Death. <i>Radiology</i> , 2006, 240, 145-151. | 7.3 | 81 |
| 264 | Clinical and Magnetic Resonance Imaging Characteristics of Sporadic Cerebellar Ataxia. <i>Archives of Neurology</i> , 2005, 62, 981-5. | 4.5 | 45 |
| 265 | Diagnosis and management of dementia with Lewy bodies. <i>Neurology</i> , 2005, 65, 1863-1872. | 1.1 | 4,604 |
| 266 | Unilateral lesion of the pedunclopontine nucleus induces hyperactivity in the subthalamic nucleus and substantia nigra in the rat. <i>European Journal of Neuroscience</i> , 2005, 22, 2283-2294. | 2.6 | 43 |
| 267 | Neurodegeneration. , 2005, , 335-355. | | 0 |
| 268 | Apoptosis in neurodegenerative diseases. , 2005, , 80-93. | | 0 |
| 269 | Molekulare Ursachen der Parkinson Krankheit. <i>E-Neuroforum</i> , 2005, 11, 112-119. | 0.1 | 0 |
| 270 | Loss of function mutations in the gene encoding Omi/HtrA2 in Parkinson's disease. <i>Human Molecular Genetics</i> , 2005, 14, 2099-2111. | 2.9 | 514 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 271 | FasL (CD95L/APO-1L) Resistance of Neurons Mediated by Phosphatidylinositol 3-Kinase-Akt/Protein Kinase B-Dependent Expression of Lifeguard/Neuronal Membrane Protein 35. <i>Journal of Neuroscience</i> , 2005, 25, 6765-6774. | 3.6 | 53 |
| 272 | Palmitoylation is a sorting determinant for transport to the myelin membrane. <i>Journal of Cell Science</i> , 2005, 118, 2415-2423. | 2.0 | 46 |
| 273 | Systematic Review of Early Recurrent Stenosis After Carotid Angioplasty and Stenting. <i>Stroke</i> , 2005, 36, 367-373. | 2.0 | 139 |
| 274 | Clinical Predictors of Transient Ischemic Attack, Stroke, or Death Within 30 Days of Carotid Angioplasty and Stenting. <i>Stroke</i> , 2005, 36, 787-791. | 2.0 | 73 |
| 275 | Protection by pioglitazone in the MPTP model of Parkinson's disease correlates with α -syn induction and block of NF κ B and iNOS activation. <i>Journal of Neurochemistry</i> , 2004, 88, 494-501. | 3.9 | 347 |
| 276 | Repetitive Bilateral Arm Training and Motor Cortex Activation in Chronic Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2004, 292, 1853. | 7.4 | 487 |
| 277 | MRI-based volumetric differentiation of sporadic cerebellar ataxia. <i>Brain</i> , 2004, 127, 175-181. | 7.6 | 44 |
| 278 | Motor Skill Learning Depends on Protein Synthesis in Motor Cortex after Training. <i>Journal of Neuroscience</i> , 2004, 24, 6515-6520. | 3.6 | 140 |
| 279 | Protein Synthesis Inhibition Blocks Consolidation of an Acrobatic Motor Skill. <i>Learning and Memory</i> , 2004, 11, 379-382. | 1.3 | 21 |
| 280 | Neuroprotective Role of the Reaper-Related Serine Protease HtrA2/Omi Revealed by Targeted Deletion in Mice. <i>Molecular and Cellular Biology</i> , 2004, 24, 9848-9862. | 2.3 | 367 |
| 281 | Chemotherapy-induced cell death in primary cerebellar granule neurons but not in astrocytes: <i>in vitro</i> paradigm of differential neurotoxicity. <i>Journal of Neurochemistry</i> , 2004, 91, 1067-1074. | 3.9 | 54 |
| 282 | Senataxin, the ortholog of a yeast RNA helicase, is mutant in ataxia-ocular apraxia 2. <i>Nature Genetics</i> , 2004, 36, 225-227. | 21.4 | 454 |
| 283 | Intracellular acidification by inhibition of the Na ⁺ /H ⁺ -exchanger leads to caspase-independent death of cerebellar granule neurons resembling paraptosis. <i>Cell Death and Differentiation</i> , 2004, 11, 760-770. | 11.2 | 53 |
| 284 | Deep brain stimulation. <i>Cell and Tissue Research</i> , 2004, 318, 275-288. | 2.9 | 231 |
| 285 | Cellular pathology of Parkinson's disease: astrocytes, microglia and inflammation. <i>Cell and Tissue Research</i> , 2004, 318, 149-161. | 2.9 | 327 |
| 286 | Gene therapy in Parkinson's disease. <i>Cell and Tissue Research</i> , 2004, 318, 243-260. | 2.9 | 8 |
| 287 | Neuronal pathology in Parkinson's disease. <i>Cell and Tissue Research</i> , 2004, 318, 135-147. | 2.9 | 79 |
| 288 | The dopaminergic nigrostriatal system: development, physiology, disease. <i>Cell and Tissue Research</i> , 2004, 318, 3-3. | 2.9 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 289 | New developments in diagnosis and treatment of Parkinson's disease? From basic science to clinical applications. <i>Journal of Neurology</i> , 2004, 251, VI/33-8. | 3.6 | 6 |
| 290 | Novel homozygous p.E64D mutation in DJ1 in early onset Parkinson disease (PARK7). <i>Human Mutation</i> , 2004, 24, 321-329. | 2.5 | 117 |
| 291 | Comparison of angioplasty and stenting with cerebral protection versus endarterectomy for treatment of internal carotid artery stenosis in elderly patients. <i>Journal of Vascular Surgery</i> , 2004, 40, 945-951. | 1.1 | 74 |
| 292 | Characterization of motor skill and instrumental learning time scales in a skilled reaching task in rat. <i>Behavioural Brain Research</i> , 2004, 155, 249-256. | 2.2 | 71 |
| 293 | Short and long-term motor skill learning in an accelerated rotarod training paradigm. <i>Neurobiology of Learning and Memory</i> , 2004, 81, 211-216. | 1.9 | 172 |
| 294 | Magnetic resonance imaging-based volumetry differentiates progressive supranuclear palsy from corticobasal degeneration. <i>NeuroImage</i> , 2004, 21, 714-724. | 4.2 | 145 |
| 295 | Lesion location alters brain activation in chronically impaired stroke survivors. <i>NeuroImage</i> , 2004, 21, 924-935. | 4.2 | 130 |
| 296 | Loss of pain perception in diabetes is dependent on a receptor of the immunoglobulin superfamily. <i>Journal of Clinical Investigation</i> , 2004, 114, 1741-1751. | 8.2 | 247 |
| 297 | Adenoviral (full-length) Apo2L/TRAIL gene transfer is an ineffective treatment strategy for malignant glioma. <i>Journal of Neuro-Oncology</i> , 2003, 61, 7-15. | 2.9 | 14 |
| 298 | Therapeutic strategies for Parkinson's disease based on data derived from genetic research. <i>Journal of Neurology</i> , 2003, 250, i3-i10. | 3.6 | 4 |
| 299 | Gene dosage-dependent effects of bcl-2 expression on cellular survival and redox status. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1517-1530. | 2.9 | 15 |
| 300 | Relation between Regional Functional MRI Activation and Vascular Reactivity to Carbon Dioxide during Normal Aging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 565-573. | 4.3 | 100 |
| 301 | Apoptotic mechanisms and antiapoptotic therapy in the MPTP model of Parkinson's disease. <i>Toxicology Letters</i> , 2003, 139, 135-151. | 0.8 | 102 |
| 302 | Transgenic rat model of Huntington's disease. <i>Human Molecular Genetics</i> , 2003, 12, 617-624. | 2.9 | 329 |
| 303 | Identification and functional characterization of a novel R621C mutation in the synphilin-1 gene in Parkinson's disease. <i>Human Molecular Genetics</i> , 2003, 12, 1223-1231. | 2.9 | 124 |
| 304 | Early Outcome of Carotid Angioplasty and Stenting versus Carotid Endarterectomy in a Single Academic Center. <i>Cerebrovascular Diseases</i> , 2003, 15, 84-89. | 1.7 | 39 |
| 305 | Early Outcome of Carotid Angioplasty and Stenting With and Without Cerebral Protection Devices. <i>Stroke</i> , 2003, 34, 813-819. | 2.0 | 551 |
| 306 | Transgenic rat model of Huntington's disease. <i>Human Molecular Genetics</i> , 2003, 12, 617-624. | 2.9 | 58 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 307 | Very Bright Dorsal Columns. Archives of Neurology, 2002, 59, 147. | 4.5 | 3 |
| 308 | Overexpression of the myelin proteolipid protein leads to accumulation of cholesterol and proteolipid protein in endosomes/lysosomes. Journal of Cell Biology, 2002, 157, 327-336. | 5.2 | 154 |
| 309 | Potential Synergistic Protection of Retinal Ganglion Cells from Axotomy-Induced Apoptosis by Adenoviral Administration of Glial Cell Line-Derived Neurotrophic Factor and X-Chromosome-Linked Inhibitor of Apoptosis. Neurobiology of Disease, 2002, 11, 123-133. | 4.4 | 61 |
| 310 | Parkinson's disease: one biochemical pathway to fit all genes?. Trends in Molecular Medicine, 2002, 8, 236-240. | 6.7 | 68 |
| 311 | Neuroprotection by Hypoxic Preconditioning Requires Sequential Activation of Vascular Endothelial Growth Factor Receptor and Akt. Journal of Neuroscience, 2002, 22, 6401-6407. | 3.6 | 279 |
| 312 | Caspases in Neurodegeneration. , 2002, , 179-187. | | 0 |
| 313 | Treatment with simvastatin in normocholesterolemic patients with Alzheimer's disease: A 26-week randomized, placebo-controlled, double-blind trial. Annals of Neurology, 2002, 52, 346-350. | 5.3 | 372 |
| 314 | Glutathione release from cultured brain cells: Multidrug resistance protein 1 mediates the release of GSH from rat astroglial cells. Journal of Neuroscience Research, 2002, 69, 318-326. | 2.9 | 128 |
| 315 | Diffusion-weighted MRI in patients with symptomatic internal carotid artery disease. Journal of Neurology, 2002, 249, 1168-1174. | 3.6 | 31 |
| 316 | Spectrum of phenotypes and genotypes in Parkinson's disease. Journal of Neurology, 2002, 249, 1-1. | 3.6 | 10 |
| 317 | Identification of inhibitor-of-differentiation 2 (Id2) as a modulator of neuronal apoptosis. Journal of Neurochemistry, 2002, 80, 755-762. | 3.9 | 33 |
| 318 | Effects of dopamine on the glutathione metabolism of cultured astroglial cells: implications for Parkinson's disease. Journal of Neurochemistry, 2002, 82, 458-467. | 3.9 | 67 |
| 319 | Neuron-Specific Expression of Therapeutic Proteins: Evaluation of Different Cellular Promoters in Recombinant Adenoviral Vectors. Molecular and Cellular Neurosciences, 2001, 17, 78-96. | 2.2 | 152 |
| 320 | Cascade of Caspase Activation in Potassium-Deprived Cerebellar Granule Neurons: Targets for Treatment with Peptide and Protein Inhibitors of Apoptosis. Molecular and Cellular Neurosciences, 2001, 17, 717-731. | 2.2 | 77 |
| 321 | The multidrug resistance protein MRP1 mediates the release of glutathione disulfide from rat astrocytes during oxidative stress. Journal of Neurochemistry, 2001, 76, 627-636. | 3.9 | 153 |
| 322 | Sensitivity to MPTP is not increased in Parkinson's disease-associated mutant α -synuclein transgenic mice. Journal of Neurochemistry, 2001, 77, 1181-1184. | 3.9 | 125 |
| 323 | Malonate-Induced Generation of Reactive Oxygen Species in Rat Strium Depends on Dopamine Release but Not on NMDA Receptor Activation. Journal of Neurochemistry, 2001, 73, 1329-1332. | 3.9 | 58 |
| 324 | Effectiveness of intravenous immunoglobulin therapy in cerebellar ataxia associated with gluten sensitivity. Annals of Neurology, 2001, 50, 827-828. | 5.3 | 74 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 325 | Apoptosis: its relevance to Parkinson's disease. <i>Clinical Neuroscience Research</i> , 2001, 1, 427-433. | 0.8 | 18 |
| 326 | Rescue from death but not from functional impairment: caspase inhibition protects dopaminergic cells against 6-hydroxydopamine-induced apoptosis but not against the loss of their terminals. <i>Journal of Neurochemistry</i> , 2001, 77, 263-273. | 3.9 | 89 |
| 327 | Gene transfer of the JNK interacting protein-1 protects dopaminergic neurons in the MPTP model of Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10433-10438. | 7.1 | 208 |
| 328 | Glutathione, oxidative stress and neurodegeneration. <i>FEBS Journal</i> , 2000, 267, 4904-4911. | 0.2 | 1,017 |
| 329 | Evoked potentials in multiple systematrophy (MSA). <i>Acta Neurologica Scandinavica</i> , 2000, 101, 111-115. | 2.1 | 28 |
| 330 | Introduction: Targeted Modulation of Neuronal Apoptosis: A Double-Edged Sword?. <i>Brain Pathology</i> , 2000, 10, 273-275. | 4.1 | 2 |
| 331 | Neuroprotection by the Inhibition of Apoptosis. <i>Brain Pathology</i> , 2000, 10, 283-292. | 4.1 | 203 |
| 332 | Flupirtine and retigabine prevent l-glutamate toxicity in rat pheochromocytoma PC 12 cells. <i>European Journal of Pharmacology</i> , 2000, 400, 155-166. | 3.5 | 32 |
| 333 | Protection by Synergistic Effects of Adenovirus-Mediated X-Chromosome-Linked Inhibitor of Apoptosis and Glial Cell Line-Derived Neurotrophic Factor Gene Transfer in the 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine Model of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2000, 20, 9126-9134. | 3.6 | 194 |
| 334 | Nerve Conduction Studies in Multiple System Atrophy. <i>European Neurology</i> , 2000, 43, 221-223. | 1.4 | 18 |
| 335 | Insulin-like growth factor-1-mediated protection from neuronal apoptosis is linked to phosphorylation of the pro-apoptotic protein BAD but not to inhibition of cytochrome c translocation in rat cerebellar neurons. <i>Neuroscience Letters</i> , 2000, 282, 69-72. | 2.1 | 38 |
| 336 | Effect of 1-methyl-4-phenylpyridinium on glutathione in rat pheochromocytoma PC 12 cells. <i>Neurochemistry International</i> , 2000, 36, 489-497. | 3.8 | 41 |
| 337 | High level expression of expanded full-length ataxin-3 in vitro causes cell death and formation of intranuclear inclusions in neuronal cells. <i>Human Molecular Genetics</i> , 1999, 8, 1169-1176. | 2.9 | 69 |
| 338 | Patterns of Age-related Shrinkage in Cerebellum and Brainstem Observed In Vivo Using Three-dimensional MRI Volumetry. <i>Cerebral Cortex</i> , 1999, 9, 712-721. | 2.9 | 192 |
| 339 | Exogenous Administration of Gangliosides Displaces GPI-anchored Proteins from Lipid Microdomains in Living Cells. <i>Molecular Biology of the Cell</i> , 1999, 10, 3187-3196. | 2.1 | 95 |
| 340 | Adenovirus-Mediated Gene Transfer of Inhibitors of Apoptosis Proteins Delays Apoptosis in Cerebellar Granule Neurons. <i>Journal of Neurochemistry</i> , 1999, 72, 292-301. | 3.9 | 116 |
| 341 | Glutathione depletion and neuronal cell death: the role of reactive oxygen intermediates and mitochondrial function. <i>Brain Research</i> , 1999, 826, 53-62. | 2.2 | 166 |
| 342 | Magnetic resonance imaging-based volumetry differentiates idiopathic Parkinson's syndrome from multiple system atrophy and progressive supranuclear palsy. <i>Annals of Neurology</i> , 1999, 45, 65-74. | 5.3 | 255 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 343 | Caspases as treatment targets in stroke and neurodegenerative diseases. <i>Annals of Neurology</i> , 1999, 45, 421-429. | 5.3 | 315 |
| 344 | Differential effects of l-buthionine sulfoximine and ethacrynic acid on glutathione levels and mitochondrial function in PC12 cells. <i>Neuroscience Letters</i> , 1999, 264, 1-4. | 2.1 | 69 |
| 345 | MPP+ Inhibits Proliferation of PC12 Cells by a p21WAF1/Cip1-Dependent Pathway and Induces Cell Death in Cells Lacking p21WAF1/Cip1. <i>Experimental Cell Research</i> , 1999, 250, 75-85. | 2.6 | 50 |
| 346 | Magnetic resonance imaging-based volumetry differentiates idiopathic Parkinson's syndrome from multiple system atrophy and progressive supranuclear palsy. <i>Annals of Neurology</i> , 1999, 45, 65-74. | 5.3 | 152 |
| 347 | Molecular pathogenesis of movement disorders: are protein aggregates a common link in neuronal degeneration?. <i>Current Opinion in Neurology</i> , 1999, 12, 433-439. | 3.6 | 33 |
| 348 | Extended therapeutic window for caspase inhibition and synergy with MK-801 in the treatment of cerebral histotoxic hypoxia. <i>Cell Death and Differentiation</i> , 1998, 5, 847-857. | 11.2 | 93 |
| 349 | Crm-A, bcl-2 and NDGA inhibit CD95L-induced apoptosis of malignant glioma cells at the level of caspase 8 processing. <i>Cell Death and Differentiation</i> , 1998, 5, 894-900. | 11.2 | 52 |
| 350 | A new semiautomated, three-dimensional technique allowing precise quantification of total and regional cerebellar volume using MRI. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 143-151. | 3.0 | 77 |
| 351 | Endonucleolytic DNA fragmentation is not required for apoptosis of cultured rat cerebellar granule neurons. <i>Neuroscience Letters</i> , 1998, 245, 9-12. | 2.1 | 17 |
| 352 | Risk factors for idiopathic cerebellar ataxia of late onset. <i>Journal of the Neurological Sciences</i> , 1998, 160, 171-174. | 0.6 | 9 |
| 353 | Autosomal dominant cerebellar ataxia type I. MRI-based volumetry of posterior fossa structures and basal ganglia in spinocerebellar ataxia types 1, 2 and 3. <i>Brain</i> , 1998, 121, 1687-1693. | 7.6 | 157 |
| 354 | 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine Neurotoxicity Is Attenuated in Mice Overexpressing Bcl-2. <i>Journal of Neuroscience</i> , 1998, 18, 8145-8152. | 3.6 | 193 |
| 355 | Potassium Deprivation-Induced Apoptosis of Cerebellar Granule Neurons: Cytochrome c Release in the Absence of Altered Expression of Bcl-2 Family Proteins. <i>Cellular Physiology and Biochemistry</i> , 1998, 8, 194-201. | 1.6 | 27 |
| 356 | Induction of Nitric Oxide Synthase and Nitric Oxide-Mediated Apoptosis in Neuronal PC12 Cells After Stimulation with Tumor Necrosis Factor- α /Lipopolysaccharide. <i>Journal of Neurochemistry</i> , 1998, 71, 88-94. | 3.9 | 186 |
| 357 | Elevated free nitrotyrosine levels, but not protein-bound nitrotyrosine or hydroxyl radicals, throughout amyotrophic lateral sclerosis (ALS)-like disease implicate tyrosine nitration as an aberrant in vivo property of one familial ALS-linked superoxide dismutase 1 mutant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 7606-7611. | 7.1 | 279 |
| 358 | Evidence for an active type of cell death with ultrastructural features distinct from apoptosis: The effects of 3-acetylpyridine neurotoxicity. <i>Neuroscience</i> , 1997, 81, 721-734. | 2.3 | 28 |
| 359 | Systemic administration of rotenone produces selective damage in the striatum and globus pallidus, but not in the substantia nigra. <i>Brain Research</i> , 1997, 753, 157-162. | 2.2 | 184 |
| 360 | Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 1997, 174, 193-197. | 3.1 | 145 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 361 | Increased 3- β -nitrotyrosine and oxidative damage in mice with a human copper/zinc superoxide dismutase mutation. <i>Annals of Neurology</i> , 1997, 42, 326-334. | 5.3 | 244 |
| 362 | Differential interaction of competitive NMDA and AMPA antagonists with selective dopamine D-1 and D-2 agonists in a rat model of Parkinson's disease. <i>Synapse</i> , 1997, 26, 381-391. | 1.2 | 34 |
| 363 | Cooperative Interception of Neuronal Apoptosis by BCL-2 and BAX Expression: Prevention of Caspase Activation and Reduced Production of Reactive Oxygen Species. <i>Journal of Neurochemistry</i> , 1997, 69, 2075-2086. | 3.9 | 94 |
| 364 | The role of mitochondrial dysfunction and neuronal nitric oxide in animal models of neurodegenerative diseases. , 1997, , 193-197. | | 48 |
| 365 | Neuroprotective strategies for treatment of lesions produced by mitochondrial toxins: Implications for neurodegenerative diseases. <i>Neuroscience</i> , 1996, 71, 1043-1048. | 2.3 | 150 |
| 366 | INVOLVEMENT OF OXIDATIVE STRESS IN 3-NITROPROPIONIC ACID NEUROTOXICITY. <i>Neurochemistry International</i> , 1996, 29, 167-171. | 3.8 | 131 |
| 367 | Potassium Deprivation-Induced Apoptosis of Cerebellar Granule Neurons: A Sequential Requirement for New mRNA and Protein Synthesis, ICE-Like Protease Activity, and Reactive Oxygen Species. <i>Journal of Neuroscience</i> , 1996, 16, 4696-4706. | 3.6 | 330 |
| 368 | Glutathione depletion potentiates MPTP and MPP+ toxicity in nigral dopaminergic neurones. <i>NeuroReport</i> , 1996, 7, 921-923. | 1.2 | 149 |
| 369 | NGF, BDNF and NT-5, but not NT-3 protect against MPP+ toxicity and oxidative stress in neonatal animals. <i>Brain Research</i> , 1996, 713, 178-185. | 2.2 | 97 |
| 370 | Non-Invasive Neurochemical Analysis of Focal Excitotoxic Lesions in Models of Neurodegenerative Illness Using Spectroscopic Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 450-461. | 4.3 | 80 |
| 371 | Striatal Malonate Lesions Are Attenuated in Neuronal Nitric Oxide Synthase Knockout Mice. <i>Journal of Neurochemistry</i> , 1996, 67, 430-433. | 3.9 | 72 |
| 372 | Role of nitric oxide in neurodegenerative diseases. <i>Current Opinion in Neurology</i> , 1995, 8, 480-486. | 3.6 | 95 |
| 373 | Improved Therapeutic Window for Treatment of Histotoxic Hypoxia with a Free Radical Spin Trap. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1995, 15, 948-952. | 4.3 | 57 |
| 374 | Basic Fibroblast Growth Factor Protects against Excitotoxicity and Chemical Hypoxia in Both Neonatal and Adult Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1995, 15, 619-623. | 4.3 | 83 |
| 375 | Coenzyme Q10 and nicotinamide and a free radical spin trap protect against MPTP neurotoxicity. <i>Experimental Neurology</i> , 1995, 132, 279-283. | 4.1 | 101 |
| 376 | Neuroprotective Effects of Free Radical Scavengers and Energy Repletion in Animal Models of Neurodegenerative Disease. <i>Annals of the New York Academy of Sciences</i> , 1995, 765, 100-110. | 3.8 | 25 |
| 377 | Inhibition of Neuronal Nitric Oxide Synthase by 7-Nitroindazole Protects Against MPTP-Induced Neurotoxicity in Mice. <i>Journal of Neurochemistry</i> , 1995, 64, 936-939. | 3.9 | 377 |
| 378 | Involvement of Free Radicals in Excitotoxicity In Vivo. <i>Journal of Neurochemistry</i> , 1995, 64, 2239-2247. | 3.9 | 290 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 379 | Absence of SCA1 mutation in idiopathic cerebellar ataxia.. Journal of Neurology, Neurosurgery and Psychiatry, 1994, 57, 1439-1440. | 1.9 | 6 |
| 380 | Multiple system atrophy: natural history, MRI morphology, and dopamine receptor imaging with 123IBZM-SPECT.. Journal of Neurology, Neurosurgery and Psychiatry, 1994, 57, 1047-1056. | 1.9 | 198 |
| 381 | Oculomotor abnormalities and MRI findings in idiopathic cerebellar ataxia. Journal of Neurology, 1994, 241, 234-241. | 3.6 | 28 |
| 382 | Coenzyme Q ₁₀ and nicotinamide block striatal lesions produced by the mitochondrial toxin malonate. Annals of Neurology, 1994, 36, 882-888. | 5.3 | 183 |
| 383 | 3-Acetylpyridine Produces Age-Dependent Excitotoxic Lesions in Rat Striatum. Journal of Cerebral Blood Flow and Metabolism, 1994, 14, 1024-1029. | 4.3 | 37 |
| 384 | Aminooxyacetic acid striatal lesions attenuated by 1,3-butanediol and coenzyme Q10. Neuroscience Letters, 1994, 177, 58-62. | 2.1 | 22 |
| 385 | Systemic or Local Administration of Azide Produces Striatal Lesions by an Energy Impairment-Induced Excitotoxic Mechanism. Experimental Neurology, 1994, 129, 175-182. | 4.1 | 38 |
| 386 | Malonate produces striatal lesions by indirect NMDA receptor activation. Brain Research, 1994, 647, 161-166. | 2.2 | 90 |
| 387 | Mitochondrial dysfunction in movement disorders. Current Opinion in Neurology, 1994, 7, 333-339. | 3.6 | 75 |
| 388 | Superoxide Dismutase Activity, Oxidative Damage, and Mitochondrial Energy Metabolism in Familial and Sporadic Amyotrophic Lateral Sclerosis. Journal of Neurochemistry, 1993, 61, 2322-2325. | 3.9 | 555 |
| 389 | Muscarinic desensitization after septal lesions in rat hippocampus: Evidence for the involvement of G-proteins. Neuroscience, 1992, 47, 95-103. | 2.3 | 13 |
| 390 | Verdachtsdiagnose: Demenz – Was ist nun zu tun? , 0, , . | | 0 |
| 391 | Erythropoietin Enhances Post-ischemic Migration and Phagocytosis and Alleviates the Activation of Inflammasomes in Human Microglial Cells. Frontiers in Cellular Neuroscience, 0, 16, . | 3.7 | 2 |