Joachim Weis

List of Publications by Year
in descending order

256 papers	13,481 citations	20759 60 h-index	31759 101 g-index
299 all docs	299 docs citations	299 times ranked	20803 citing authors

#	Article	IF	Citations
1	Characterization of a Novel Aspect of Tissue Scarring Following Experimental Spinal Cord Injury and the Implantation of Bioengineered Type-I Collagen Scaffolds in the Adult Rat: Involvement of Perineurial-like Cells?. International Journal of Molecular Sciences, 2022, 23, 3221.	1.8	1
2	Organ manifestations of COVID-19: what have we learned so far (not only) from autopsies?. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2022, 481, 139-159.	1.4	28
3	SGPL1 stimulates VPS39 recruitment to the mitochondria in MICU1 deficient cells. Molecular Metabolism, 2022, , 101503.	3.0	5
4	Molecular pathophysiology of human MICU1 deficiency. Neuropathology and Applied Neurobiology, 2021, 47, 840-855.	1.8	15
5	Lateral one-third gland resection in Cushing patients with failed adenoma identification leads to low remission rates: long-term observations from a small, single-center cohort. Acta Neurochirurgica, 2021, 163, 3161-3169.	0.9	11
6	A serum microRNA sequence reveals fragile X protein pathology in amyotrophic lateral sclerosis. Brain, 2021, 144, 1214-1229.	3.7	8
7	GMPPA defects cause a neuromuscular disorder with Î±-dystroglycan hyperglycosylation. Journal of Clinical Investigation, 2021, 131, .	3.9	13
8	Pathomechanisms of ALS8: altered autophagy and defective RNA binding protein (RBP) homeostasis due to the VAPB P56S mutation. Cell Death and Disease, 2021, 12, 466.	2.7	13
9	Expression and Cell Type-specific Localization of Inflammasome Sensors in the Spinal Cord of SOD1(G93A) Mice and Sporadic Amyotrophic lateral sclerosis Patients. Neuroscience, 2021, 463, 288-302.	1.1	8
10	C2orf69 mutations disrupt mitochondrial function and cause a multisystem human disorder with recurring autoinflammation. Journal of Clinical Investigation, 2021, 131, .	3.9	13
11	Differential Diagnosis of Acquired and Hereditary Neuropathies in Children and Adolescentsâ€”Consensus-Based Practice Guidelines. Children, 2021, 8, 687.	0.6	4
12	Bi-allelic truncating mutations in VWA1 cause neuromyopathy. Brain, 2021, 144, 574-583.	3.7	16
13	Novel Form of Congenital Myopathy Caused by Biallelic Mutations in Uncoordinated Mutant Number-45 Myosin Chaperone B. , 2021, 52, .		0
14	Techniques for the standard histological and ultrastructural assessment of nerve biopsies. Journal of the Peripheral Nervous System, 2021, 26, S3-S10.	1.4	3
15	Phenotypical and Myopathological Consequences of Compound Heterozygous Missense and Nonsense Variants in SLC18A3. Cells, 2021, 10, 3481.	1.8	1
16	When botany inspired pathology of the peripheral nervous system. Neurology, 2020, 95, 532-536.	1.5	0
17	Aggregates of RNA Binding Proteins and ER Chaperones Linked to Exosomes in Granulovacuolar Degeneration of the Alzheimerâ€™s Disease Brain. Journal of Alzheimer's Disease, 2020, 75, 139-156.	1.2	22
18	Differential diagnosis of vacuolar myopathies in the NGS era. Brain Pathology, 2020, 30, 877-896.	2.1	12

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19	First clinical and myopathological description of a myofibrillar myopathy with congenital onset and homozygous mutation in FLNC. Human Mutation, 2020, 41, 1600-1614.	1.1	11
20	Dense fibroadhesive scarring and poor blood vessel-maturation hamper the integration of implanted collagen scaffolds in an experimental model of spinal cord injury. Biomedical Materials (Bristol), 2020, 15, 015012.	1.7	12
21	Histological correlates of postmortem ultra-high-resolution single-section MRI in cortical cerebral microinfarcts. Acta Neuropathologica Communications, 2020, 8, 33.	2.4	16
22	Identification of Cellular Pathogenicity Markers for SIL1 Mutations Linked to Marinesco-SjÃ¶gren Syndrome. Frontiers in Neurology, 2019, 10, 562.	1.1	5
23	Reply: Adult-onset distal spinal muscular atrophy: a new phenotype associated with KIF5A mutations. Brain, 2019, 142, e67-e67.	3.7	1
24	Fibroadhesive scarring of grafted collagen scaffolds interferes with implantâ€“host neural tissue integration and bridging in experimental spinal cord injury. International Journal of Energy Production and Management, 2019, 6, 75-87.	1.9	17
25	Impairments in contractility and cytoskeletal organisation cause nuclear defects in nemaline myopathy. Acta Neuropathologica, 2019, 138, 477-495.	3.9	25
26	Myelinating Glia-Specific Deletion of Fbxo7 in Mice Triggers Axonal Degeneration in the Central Nervous System Together with Peripheral Neuropathy. Journal of Neuroscience, 2019, 39, 5606-5626.	1.7	14
27	FUS pathology in ALS is linked to alterations in multiple ALS-associated proteins and rescued by drugs stimulating autophagy. Acta Neuropathologica, 2019, 138, 67-84.	3.9	94
28	Early onset facioscapulohumeral muscular dystrophy â€“ Long-term follow-up of a patient with total facial diplegia. Neuromuscular Disorders, 2019, 29, 973-976.	0.3	2
29	Bi-allelic mutations in uncoordinated mutant number-45 myosin chaperone B are a cause for congenital myopathy. Acta Neuropathologica Communications, 2019, 7, 211.	2.4	15
30	SIL1 deficiency causes degenerative changes of peripheral nerves and neuromuscular junctions in fish, mice and human. Neurobiology of Disease, 2019, 124, 218-229.	2.1	7
31	Characteristic clinical and ultrastructural findings in nesprinopathies. European Journal of Paediatric Neurology, 2019, 23, 254-261.	0.7	7
32	DEGS1-associated aberrant sphingolipid metabolism impairs nervous system function in humans. Journal of Clinical Investigation, 2019, 129, 1229-1239.	3.9	65
33	Hot-spot KIF5A mutations cause familial ALS. Brain, 2018, 141, 688-697.	3.7	167
34	Comprehensive analysis of the mutation spectrum in 301 German ALS families. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 817-827.	0.9	80
35	Impaired DNA damage response signaling by FUS-NLS mutations leads to neurodegeneration and FUS aggregate formation. Nature Communications, 2018, 9, 335.	5.8	217
36	Macrophage Depletion Ameliorates Peripheral Neuropathy in Aging Mice. Journal of Neuroscience, 2018, 38, 4610-4620.	1.7	53

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37	Dexmedetomidine Impairs Diaphragm Function and Increases Oxidative Stress but Does Not Aggravate Diaphragmatic Atrophy in Mechanically Ventilated Rats. Anesthesiology, 2018, 128, 784-795.	1.3	10
38	Tracking Effects of SIL1 Increase: Taking a Closer Look Beyond the Consequences of Elevated Expression Level. Molecular Neurobiology, 2018, 55, 2524-2546.	1.9	15
39	Diseases of the peripheral nerves. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 145, 453-474.	1.0	39
40	A knock-in/knock-out mouse model of HSPB8-associated distal hereditary motor neuropathy and myopathy reveals toxic gain-of-function of mutant Hspb8. Acta Neuropathologica, 2018, 135, 131-148.	3.9	58
41	Fetuin-A protein distribution in mature inflamed and ischemic brain tissue. PLoS ONE, 2018, 13, e0206597.	1.1	15
42	SACS variants are a relevant cause of autosomal recessive hereditary motor and sensory neuropathy. Human Genetics, 2018, 137, 911-919.	1.8	29
43	Golgin A4 in CSF and granulovacuolar degenerations of patients with Alzheimer disease. Neurology, 2018, 91, e1799-e1808.	1.5	11
44	Induction of Osmolyte Pathways in Skeletal Muscle Inflammation: Novel Biomarkers for Myositis. Frontiers in Neurology, 2018, 9, 846.	1.1	4
45	Correlation of Dynamic O-(2-[18F]Fluoroethyl)-L-Tyrosine Positron Emission Tomography, Conventional Magnetic Resonance Imaging, and Whole-Brain Histopathology in a Pretreated Glioblastoma: A Postmortem Study. World Neurosurgery, 2018, 119, e653-e660.	0.7	3
46	Biochemical and pathological changes result from mutated Caveolin-3 in muscle. Skeletal Muscle, 2018, 8, 28.	1.9	19
47	Development of a Polymerâ€Based Biodegradable Neurovascular Stent Prototype: A Preliminary In Vitro and In Vivo Study. Macromolecular Bioscience, 2018, 18, e1700292.	2.1	13
48	Hereditary Neuropathies. Deutsches Ärzteblatt International, 2018, 115, 91-97.	0.6	41
49	Localization and Expression of Nuclear Factor of Activated T-Cells 5 in Myoblasts Exposed to Pro-inflammatory Cytokines or Hyperosmolar Stress and in Biopsies from Myositis Patients. Frontiers in Physiology, 2018, 9, 126.	1.3	14
50	Cell-enrichment with olfactory ensheathing cells has limited local extra beneficial effects on nerve regeneration supported by the nerve guide Perimaix. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 2125-2137.	1.3	7
51	GFPT1 deficiency in muscle leads to myasthenia and myopathy in mice. Human Molecular Genetics, 2018, 27, 3218-3232.	1.4	18
52	Long term history of a congenital core-rod myopathy with compound heterozygous mutations in the Nebulin gene. Acta Myologica, 2018, 37, 121-127.	1.5	1
53	Linking amyotrophic lateral sclerosis and spinal muscular atrophy through <scp>RNA</scp>â€transcriptome homeostasis: a genomics perspective. Journal of Neurochemistry, 2017, 141, 12-30.	2.1	25
54	Oral administration of methysticin improves cognitive deficits in a mouse model of Alzheimer's disease. Redox Biology, 2017, 12, 843-853.	3.9	62

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55	The ALS-linked E102Q mutation in Sigma receptor-1 leads to ER stress-mediated defects in protein homeostasis and dysregulation of RNA-binding proteins. Cell Death and Differentiation, 2017, 24, 1655-1671.	5.0	77
56	Screening for lipoprotein receptor-related protein 4-, agrin-, and titin-antibodies and exploring the autoimmune spectrum in myasthenia gravis. Journal of Neurology, 2017, 264, 1193-1203.	1.8	41
57	Stroke in Ehlers-Danlos Syndrome Kyphoscoliotic Type: Dissection or Vasculitis?. Pediatric Neurology, 2017, 74, 92-96.	1.0	2
58	Muscle Pathology as a Diagnostic Clue to Allgrove Syndrome. Journal of Neuropathology and Experimental Neurology, 2017, 76, 337-341.	0.9	13
59	Sporadic late-onset nemaline myopathy: clinico-pathological characteristics and review of 76 cases. Orphanet Journal of Rare Diseases, 2017, 12, 86.	1.2	77
60	The Caveolin-3 G56S sequence variant of unknown significance: Muscle biopsy findings and functional cell biological analysis. Proteomics - Clinical Applications, 2017, 11, 1600007.	0.8	6
61	ALSâ€Associated Endoplasmic Reticulum Proteins in Denervated Skeletal Muscle: Implications for Motor Neuron Disease Pathology. Brain Pathology, 2017, 27, 781-794.	2.1	20
62	Towards a functional pathology of hereditary neuropathies. Acta Neuropathologica, 2017, 133, 493-515.	3.9	48
63	Metabolic Syndrome, Neurotoxic 1-Deoxysphingolipids and Nervous Tissue Inflammation in Chronic Idiopathic Axonal Polyneuropathy (CIAP). PLoS ONE, 2017, 12, e0170583.	1.1	13
64	Clinical and biometrical 12-month follow-up in patients after reconstruction of the sural nerve biopsy defect by the collagen-based nerve guide Neuromaix. European Journal of Medical Research, 2017, 22, 34.	0.9	43
65	Choline transporter mutations in severe congenital myasthenic syndrome disrupt transporter localization. Brain, 2017, 140, 2838-2850.	3.7	24
66	In-depth phenotyping of lymphoblastoid cells suggests selective cellular vulnerability in Marinesco-SjÃ¶gren syndrome. Oncotarget, 2017, 8, 68493-68516.	0.8	16
67	Sil1-Mutant Mice Elucidate Chaperone Function in Neurological Disorders. Journal of Neuromuscular Diseases, 2016, 3, 169-181.	1.1	12
68	Characterisation of cellâ€“substrate interactions between Schwann cells and threeâ€dimensional fibrin hydrogels containing orientated nanofibre topographical cues. European Journal of Neuroscience, 2016, 43, 376-387.	1.2	25
69	Preâ€differentiation of mesenchymal stromal cells in combination with a microstructured nerve guide supports peripheral nerve regeneration in the rat sciatic nerve model. European Journal of Neuroscience, 2016, 43, 404-416.	1.2	28
70	Autosomal dominant spinal muscular atrophy with lower extremity predominance: A recognizable phenotype of BICD2 mutations. Muscle and Nerve, 2016, 54, 496-500.	1.0	20
71	Novel genetic and neuropathological insights in neurogenic muscle weakness, ataxia, and retinitis pigmentosa (NARP). Muscle and Nerve, 2016, 54, 328-333.	1.0	22
72	Dysautonomic polyneuropathy as a variant of chronic inflammatory â€œdemyelinatingâ€•polyneuropathy?. Clinical Autonomic Research, 2016, 26, 303-305.	1.4	1

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73	Characterization of New Transgenic Mouse Models for Two Charcot-Marie-Tooth-Causing HspB1 Mutations using the Rosa26 Locus. Journal of Neuromuscular Diseases, 2016, 3, 183-200.	1.1	9
74	Functional recovery not correlated with axon regeneration through olfactory ensheathing cell-seeded scaffolds in a model of acute spinal cord injury. Tissue Engineering and Regenerative Medicine, 2016, 13, 585-600.	1.6	9
75	Underestimated associated features in <scp>CMT</scp> neuropathies: clinical indicators for the causative gene?. Brain and Behavior, 2016, 6, e00451.	1.0	25
76	Influence of weaning methods on the diaphragm after mechanical ventilation in a rat model. BMC Pulmonary Medicine, 2016, 16, 127.	0.8	8
77	Tubular aggregates in autoimmune Lambertâ€“Eaton myasthenic syndrome. Neuromuscular Disorders, 2016, 26, 880-884.	0.3	3
78	Kinetics of ventilation-induced changes in diaphragmatic metabolism by bilateral phrenic pacing in a piglet model. Scientific Reports, 2016, 6, 35725.	1.6	7
79	Activation of osmolyte pathways in inflammatory myopathy and Duchenne muscular dystrophy points to osmoregulation as a contributing pathogenic mechanism. Laboratory Investigation, 2016, 96, 872-884.	1.7	24
80	Aberrant association of misfolded SOD1 with Na+/K+ATPase-Î±3 impairs its activity and contributes to motor neuron vulnerability in ALS. Acta Neuropathologica, 2016, 131, 427-451.	3.9	46
81	Expanded phenotypic spectrum of the m.8344A>G â€œMERRFâ€•mutation: data from the German mitoNET registry. Journal of Neurology, 2016, 263, 961-972.	1.8	77
82	Methylation-based classification of benign and malignant peripheral nerve sheath tumors. Acta Neuropathologica, 2016, 131, 877-887.	3.9	151
83	Proteome Profiling and Ultrastructural Characterization of the Human RCMH Cell Line: Myoblastic Properties and Suitability for Myopathological Studies. Journal of Proteome Research, 2016, 15, 945-955.	1.8	9
84	Cellular Signature of SIL1 Depletion: Disease Pathogenesis due to Alterations in Protein Composition Beyond the ER Machinery. Molecular Neurobiology, 2016, 53, 5527-5541.	1.9	30
85	Brief inhalation of nitric oxide increases resuscitation success and improves 7-day-survival after cardiac arrest in rats: a randomized controlled animal study. Critical Care, 2015, 19, 408.	2.5	31
86	Inverted formin 2â€related Charcotâ€Marieâ€Tooth disease: extension of the mutational spectrum and pathological findings in Schwann cells and axons. Journal of the Peripheral Nervous System, 2015, 20, 52-59.	1.4	21
87	Inhaled nitric oxide improves transpulmonary blood flow and clinical outcomes after prolonged cardiac arrest: a large animal study. Critical Care, 2015, 19, 328.	2.5	31
88	Brain alterations with deep brain stimulation: New insight from a neuropathological case series. Movement Disorders, 2015, 30, 1125-1130.	2.2	22
89	Accumulation of <scp>STIM</scp>1 is associated with the degenerative muscle fibre phenotype in <scp>ALS</scp> and other neurogenic atrophies. Neuropathology and Applied Neurobiology, 2015, 41, 304-318.	1.8	15
90	NLRP3 inflammasome is expressed by astrocytes in the SOD1 mouse model of ALS and in human sporadic ALS patients. Glia, 2015, 63, 2260-2273.	2.5	201

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91	Regulation of endoplasmic reticulum turnover by selective autophagy. Nature, 2015, 522, 354-358.	13.7	714
92	Transcriptional regulator PRDM12 is essential for human pain perception. Nature Genetics, 2015, 47, 803-808.	9.4	137
93	Nuclear actin aggregation is a hallmark of anti-synthetase syndromeâ€“induced dysimmune myopathy. Neurology, 2015, 84, 1346-1354.	1.5	90
94	GAD Antibodies as Key Link Between Chronic Intestinal Pseudoobstruction, Autonomic Neuropathy, and Limb Stiffness in a Nondiabetic Patient. Medicine (United States), 2015, 94, e1265.	0.4	10
95	Cold-aggravated pain in humans caused by a hyperactive NaV1.9 channel mutant. Nature Communications, 2015, 6, 10049.	5.8	71
96	Marinesco-SjÃ¶gren syndrome protein SIL1 regulates motor neuron subtype-selective ER stress in ALS. Nature Neuroscience, 2015, 18, 227-238.	7.1	85
97	Delayed Argon Administration Provides Robust Protection Against Cardiac Arrest-Induced Neurological Damage. Neurocritical Care, 2015, 22, 112-120.	1.2	29
98	Defects of mutant DNMT1 are linked to a spectrum of neurological disorders. Brain, 2015, 138, 845-861.	3.7	94
99	The Proximal Medial Sural Nerve Biopsy Model: A Standardised and Reproducible Baseline Clinical Model for the Translational Evaluation of Bioengineered Nerve Guides. BioMed Research International, 2014, 2014, 1-11.	0.9	17
100	Adult-onset autosomal dominant centronuclear myopathy due to BIN1 mutations. Brain, 2014, 137, 3160-3170.	3.7	76
101	Phenotype of matrinâ€3â€“related distal myopathy in 16 <scp>G</scp>erman patients. Annals of Neurology, 2014, 76, 669-680.	2.8	74
102	Neuropathology Training Worldwideâ€”Evolution and Comparisons. Brain Pathology, 2014, 24, 285-298.	2.1	9
103	Cryptogenic stroke and small fiber neuropathy of unknown etiology in patients with alpha-galactosidase A-10T genotype. Orphanet Journal of Rare Diseases, 2014, 9, 178.	1.2	15
104	Modulation of Hippocampal Neuroplasticity by Fas/CD95 Regulatory Protein 2 (Faim2) in the Course of Bacterial Meningitis. Journal of Neuropathology and Experimental Neurology, 2014, 73, 2-13.	0.9	18
105	Can in-vitro chemoresponse assays help find new treatment regimens for malignant gliomas?. Anti-Cancer Drugs, 2014, 25, 375-384.	0.7	5
106	Clinical and neuropathological study about the neurotization of the suprascapular nerve in obstetric brachial plexus lesions. Journal of Brachial Plexus and Peripheral Nerve Injury, 2014, 04, e87-e97.	1.0	8
107	Ataxia, Intellectual Disability, and Ocular Apraxia with Cerebellar Cysts: A New Disease?. Cerebellum, 2014, 13, 79-88.	1.4	50
108	Spinal cord organotypic slice cultures for the study of regenerating motor axon interactions with 3D scaffolds. Biomaterials, 2014, 35, 4288-4296.	5.7	39

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109	Ligamentum flavum hematomas of the cervical and thoracic spine. Clinical Neurology and Neurosurgery, 2014, 116, 24-27.	0.6	7
110	Myopathy in Marinescoâ€“SjÃ¶gren syndrome links endoplasmic reticulum chaperone dysfunction to nuclear envelope pathology. Acta Neuropathologica, 2014, 127, 761-777.	3.9	51
111	Glycogenosome accumulation in the arrector pili muscle in Pompe disease. Orphanet Journal of Rare Diseases, 2014, 9, 17.	1.2	17
112	Functional improvement following implantation of a microstructured, type-I collagen scaffold into experimental injuries of the adult rat spinal cord. Brain Research, 2014, 1585, 37-50.	1.1	28
113	Unusual multisystemic involvement and a novel BAG3 mutation revealed by NGS screening in a large cohort of myofibrillar myopathies. Orphanet Journal of Rare Diseases, 2014, 9, 121.	1.2	38
114	Dose dependent neuroprotection of the noble gas argon after cardiac arrest in rats is not mediated by KATPâ€”Channel opening. Resuscitation, 2014, 85, 826-832.	1.3	41
115	Cetuximab Induces Eme1-Mediated DNA Repair: a Novel Mechanism for Cetuximab Resistance. Neoplasia, 2014, 16, 207-220.e4.	2.3	12
116	Anoctamin 5 muscular dystrophy associated with a silent p.Leu115Leu mutation resulting in exon skipping. Neuromuscular Disorders, 2014, 24, 43-47.	0.3	8
117	Sedation Using Propofol Induces Similar Diaphragm Dysfunction and Atrophy during Spontaneous Breathing and Mechanical Ventilation in Rats. Anesthesiology, 2014, 120, 665-672.	1.3	21
118	Smallâ€fiber neuropathy with cardiac denervation in postural tachycardia syndrome. Muscle and Nerve, 2014, 50, 956-961.	1.0	54
119	Recovery of Diaphragm Function following Mechanical Ventilation in a Rodent Model. PLoS ONE, 2014, 9, e87460.	1.1	18
120	Mitochondrial abnormalities in myofibrillar myopathies. , 2014, 33, 134-142.		15
121	Clinical and morphological variability of the E396K mutation in the neurofilament light chain gene in patients with Charcot-Marie- Tooth disease type 2E. , 2014, 33, 335-343.		20
122	Early muscle and brain ultrastructural changes in polymerase gamma 1â€related encephalomyopathy. Neuropathology, 2013, 33, 59-67.	0.7	6
123	Merlin isoform 2 in neurofibromatosis type 2â€“associated polyneuropathy. Nature Neuroscience, 2013, 16, 426-433.	7.1	51
124	Differential pattern of neuroprotection in lumbar, cervical and thoracic spinal cord segments in an organotypic rat model of glutamate-induced excitotoxicity. Journal of Chemical Neuroanatomy, 2013, 53, 11-17.	1.0	21
125	Diagnostic hallmarks and pitfalls in late-onset progressive transthyretin-related amyloid-neuropathy. Journal of Neurology, 2013, 260, 3093-3108.	1.8	71
126	A de novo gain-of-function mutation in SCN11A causes loss of pain perception. Nature Genetics, 2013, 45, 1399-1404.	9.4	264

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127	Novel FHL1 mutation in a family with reducing body myopathy. Muscle and Nerve, 2013, 47, 127-134.	1.0	23
128	Fetuinâ€A in the developing brain. Developmental Neurobiology, 2013, 73, 354-369.	1.5	15
129	Neurofilament light chain as an early and sensitive predictor of long-term neurological outcome in patients after cardiac arrest. International Journal of Cardiology, 2013, 168, 1322-1327.	0.8	45
130	SIL1 mutations and clinical spectrum in patients with Marinesco-SjÃ¶gren syndrome. Brain, 2013, 136, 3634-3644.	3.7	65
131	Frequent triple-hit expression of MYC, BCL2, and BCL6 in primary lymphoma of the central nervous system and absence of a favorable MYClowBCL2low subgroup may underlie the inferior prognosis as compared to systemic diffuse large B cell lymphomas. Acta Neuropathologica, 2013, 126, 603-605.	3.9	64
132	PML in a Patient Treated with Fumaric Acid. New England Journal of Medicine, 2013, 368, 1657-1658.	13.9	176
133	Solitary Plasmacytoma Presenting as an Intramedullary Mass of the Cervical Cord. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2013, 74, e13-e17.	0.4	3
134	Altered Splicing of the BIN1 Muscle-Specific Exon in Humans and Dogs with Highly Progressive Centronuclear Myopathy. PLoS Genetics, 2013, 9, e1003430.	1.5	60
135	PLEKHG5 deficiency leads to an intermediate form of autosomal-recessive Charcotâ€“Marieâ€“Tooth disease. Human Molecular Genetics, 2013, 22, 4224-4232.	1.4	31
136	Sialylation and Muscle Performance: Sialic Acid Is a Marker of Muscle Ageing. PLoS ONE, 2013, 8, e80520.	1.1	24
137	Case Reports of PML in Patients Treated for Psoriasis. New England Journal of Medicine, 2013, 369, 1080-1082.	13.9	45
138	Prolonged Mechanical Ventilation Alters the Expression Pattern of Angio-neogenetic Factors in a Pre-Clinical Rat Model. PLoS ONE, 2013, 8, e70524.	1.1	22
139	New Findings in a Global Approach to Dissect the Whole Phenotype of PLA2G6 Gene Mutations. PLoS ONE, 2013, 8, e76831.	1.1	42
140	Morphological spectrum and clinical features of myopathies with tubular aggregates. Histology and Histopathology, 2013, 28, 1041-54.	0.5	16
141	Colony-stimulating factor-1 mediates macrophage-related neural damage in a model for Charcotâ€“Marieâ€“Tooth disease type 1X. Brain, 2012, 135, 88-104.	3.7	79
142	Myopathy with lobulated fibers, cores, and rods caused by a mutation in collagen VI. Neurology, 2012, 79, 2288-2290.	1.5	7
143	Combining xenon and mild therapeutic hypothermia preserves neurological function after prolonged cardiac arrest in pigs*. Critical Care Medicine, 2012, 40, 1297-1303.	0.4	60
144	Dexmedetomidine is neuroprotective in an in vitro model for traumatic brain injury. BMC Neurology, 2012, 12, 20.	0.8	111

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145	Heat shock protein families 70 and 90 in Duchenne muscular dystrophy and inflammatory myopathy: Balancing muscle protection and destruction. Neuromuscular Disorders, 2012, 22, 26-33.	0.3	42
146	The multifaceted character of lymphotoxin Î² in inflammatory myopathies and muscular dystrophies. Neuromuscular Disorders, 2012, 22, 712-719.	0.3	18
147	The Cancer Stem Cell Subtype Determines Immune Infiltration of Glioblastoma. Stem Cells and Development, 2012, 21, 2753-2761.	1.1	79
148	Efficacy of clinically relevant temozolomide dosing schemes in glioblastoma cancer stem cell lines. Journal of Neuro-Oncology, 2012, 109, 45-52.	1.4	41
149	Age-related regional differences in cardiac nerve growth factor expression. Age, 2012, 34, 659-667.	3.0	9
150	The Modified Glasgow Outcome Score for the prediction of outcome in patients after cardiac arrest: a prospective clinical proof of concept study. Clinical Research in Cardiology, 2012, 101, 533-543.	1.5	13
151	Rate and irregularity of electrical activation during atrial fibrillation affect myocardial NGF expression via different signalling routes. Cellular Signalling, 2012, 24, 99-105.	1.7	12
152	Role for CD74 and CXCR4 in clathrin-dependent endocytosis of the cytokine MIF. European Journal of Cell Biology, 2012, 91, 435-449.	1.6	48
153	The role of microstructured and interconnected pore channels in a collagen-based nerve guide on axonal regeneration in peripheral nerves. Biomaterials, 2012, 33, 1363-1375.	5.7	132
154	SOX10 mutation with peripheral amyelination and developmental disturbance of axons. Muscle and Nerve, 2012, 45, 284-290.	1.0	10
155	Cetuximab induces mitochondrial translocalization of EGFRvIII, but not EGFR: involvement of mitochondria in tumor drug resistance?. Tumor Biology, 2012, 33, 85-94.	0.8	31
156	Processing of nerve biopsies: A practical guide for neuropathologists. , 2012, 31, 7-23.		56
157	Small-fiber neuropathy in patients with ALS. Neurology, 2011, 76, 2024-2029.	1.5	114
158	Mechanical stretch of sympathetic neurons induces VEGF expression via a NGF and CNTF signaling pathway. Biochemical and Biophysical Research Communications, 2011, 410, 62-67.	1.0	14
159	Targeted High-Throughput Sequencing Identifies Mutations in atlastin-1 as a Cause of Hereditary Sensory Neuropathy Type I. American Journal of Human Genetics, 2011, 88, 99-105.	2.6	123
160	Sympathetic Neurons Express and Secrete MMP-2 and MT1-MMP to Control Nerve Sprouting via Pro-NGF Conversion. Cellular and Molecular Neurobiology, 2011, 31, 17-25.	1.7	23
161	Chronic Electrical Neuronal Stimulation Increases Cardiac Parasympathetic Tone by Eliciting Neurotrophic Effects. Circulation Research, 2011, 108, 1209-1219.	2.0	14
162	HYDROGEN SULFIDE DOES NOT INCREASE RESUSCITABILITY IN A PORCINE MODEL OF PROLONGED CARDIAC ARREST. Shock, 2010, 34, 190-195.	1.0	37

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163	Facioscapulohumeral muscular dystrophy presenting with unusual phenotypes and atypical morphological features of vacuolar myopathy. Journal of Neurology, 2010, 257, 1108-1118.	1.8	26
164	Neuroprotective properties of levosimendan in an in vitro model of traumatic brain injury. BMC Neurology, 2010, 10, 97.	0.8	31
165	Subacute axonal neuropathy in Parkinson's disease with cobalamin and vitamin B6 deficiency under duodopa therapy. Movement Disorders, 2010, 25, 1748-1752.	2.2	69
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