

Reinhard Dengler

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,560
citations

236925

25
h-index

197818

49
g-index

62
all docs

62
docs citations

62
times ranked

3308
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrodiagnostic criteria for diagnosis of ALS. <i>Clinical Neurophysiology</i> , 2008, 119, 497-503.	1.5	927
2	Early treatment with aspirin plus extended-release dipyridamole for transient ischaemic attack or ischaemic stroke within 24 h of symptom onset (EARLY trial): a randomised, open-label, blinded-endpoint trial. <i>Lancet Neurology</i> , The, 2010, 9, 159-166.	10.2	111
3	4-Aminopyridine Induced Activity Rescues Hypoexcitable Motor Neurons from Amyotrophic Lateral Sclerosis Patient-Derived Induced Pluripotent Stem Cells. <i>Stem Cells</i> , 2016, 34, 1563-1575.	3.2	109
4	Basal ganglia pathology in ALS is associated with neuropsychological deficits. <i>Neurology</i> , 2015, 85, 1301-1309.	1.1	96
5	Alterations in the hypothalamic melanocortin pathway in amyotrophic lateral sclerosis. <i>Brain</i> , 2016, 139, 1106-1122.	7.6	80
6	Human brain connectivity: Clinical applications for clinical neurophysiology. <i>Clinical Neurophysiology</i> , 2020, 131, 1621-1651.	1.5	68
7	Hippocampal degeneration in patients with amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2014, 35, 2639-2645.	3.1	62
8	Quantitative Susceptibility MRI to Detect Brain Iron in Amyotrophic Lateral Sclerosis. <i>Radiology</i> , 2018, 289, 195-203.	7.3	61
9	Peripheral nerve ultrasound in amyotrophic lateral sclerosis phenotypes. <i>Muscle and Nerve</i> , 2015, 51, 669-675.	2.2	55
10	Structural and diffusion imaging versus clinical assessment to monitor amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2016, 11, 408-414.	2.7	51
11	Interaction of physical function, quality of life and depression in Amyotrophic lateral sclerosis: characterization of a large patient cohort. <i>BMC Neurology</i> , 2015, 15, 84.	1.8	49
12	Lower motor neuron involvement in ALS assessed by motor unit number index (MUNIX): Long-term changes and reproducibility. <i>Clinical Neurophysiology</i> , 2016, 127, 1984-1988.	1.5	45
13	Significance of CSF NfL and tau in ALS. <i>Journal of Neurology</i> , 2018, 265, 2633-2645.	3.6	45
14	Supraglottal Injection of Botulinum Toxin Type A in Adductor Type Spasmodic Dysphonia With Both Intrinsic and Extrinsic Hyperfunction. <i>Laryngoscope</i> , 1998, 108, 55-63.	2.0	40
15	Quantifying disease progression in amyotrophic lateral sclerosis using peripheral nerve sonography. <i>Muscle and Nerve</i> , 2016, 54, 391-397.	2.2	40
16	Enhanced audio-visual interactions in the auditory cortex of elderly cochlear-implant users. <i>Hearing Research</i> , 2015, 328, 133-147.	2.0	37
17	Neural mechanisms underlying cognitive inflexibility in Parkinson's disease. <i>Neuropsychologia</i> , 2016, 93, 142-150.	1.6	37
18	Prior probabilities modulate cortical surprise responses: A study of event-related potentials. <i>Brain and Cognition</i> , 2016, 106, 78-89.	1.8	35

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19	Decomposing card-sorting performance: Effects of working memory load and age-related changes.. <i>Neuropsychology</i> , 2016, 30, 579-590.	1.3	34
20	Impaired set-shifting in amyotrophic lateral sclerosis: An event-related potential study of executive function.. <i>Neuropsychology</i> , 2016, 30, 120-134.	1.3	33
21	Dual routes to cortical orienting responses: Novelty detection and uncertainty reduction. <i>Biological Psychology</i> , 2015, 105, 66-71.	2.2	32
22	Meta-analytical and electrophysiological evidence for executive dysfunction in primary dystonia. <i>Cortex</i> , 2016, 82, 133-146.	2.4	32
23	Auditory and audio-visual processing in patients with cochlear, auditory brainstem, and auditory midbrain implants: An EEG study. <i>Human Brain Mapping</i> , 2017, 38, 2206-2225.	3.6	32
24	Residual Neural Processing of Musical Sound Features in Adult Cochlear Implant Users. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 181.	2.0	31
25	The Axon Guidance Protein Semaphorin 3A Is Increased in the Motor Cortex of Patients With Amyotrophic Lateral Sclerosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 326-333.	1.7	29
26	Amyotrophic lateral sclerosis affects cortical and subcortical activity underlying motor inhibition and action monitoring. <i>Human Brain Mapping</i> , 2015, 36, 2878-2889.	3.6	27
27	Cognitive Flexibility in Primary Dystonia. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 662-670.	1.8	26
28	Succinylcholine Metabolite Succinic Acid Alters Steady State Activation in Muscle Sodium Channels. <i>Anesthesiology</i> , 2000, 92, 1385-1391.	2.5	23
29	Circulating Insulin-like Growth Factor-1 and Insulin-like Growth Factor Binding Protein-3 predict Three-months Outcome after Ischemic Stroke. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2017, 125, 485-491.	1.2	22
30	Dopaminergic modulation of performance monitoring in Parkinson's disease: An event-related potential study. <i>Scientific Reports</i> , 2017, 7, 41222.	3.3	21
31	Toward <i>in vivo</i> determination of peripheral nervous system immune activity in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2019, 59, 567-576.	2.2	21
32	Attention shifting in Parkinson's disease: An analysis of behavioral and cortical responses.. <i>Neuropsychology</i> , 2014, 28, 929-944.	1.3	20
33	The anesthetic propofol modulates gating in paramyotonia congenita mutant muscle sodium channels. <i>Muscle and Nerve</i> , 2001, 24, 736-743.	2.2	19
34	Intraspinal administration of human spinal cord-derived neural progenitor cells in the G93A-SOD1 mouse model of ALS delays symptom progression, prolongs survival and increases expression of endogenous neurotrophic factors. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 751-764.	2.7	19
35	Peripheral nerve atrophy together with higher cerebrospinal fluid progranulin indicate axonal damage in amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2018, 57, 273-278.	2.2	17
36	Neural correlates of cognitive set shifting in amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2016, 127, 3537-3545.	1.5	16

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37	Diagnostic support for selected neuromuscular diseases using answer-pattern recognition and data mining techniques: a proof of concept multicenter prospective trial. BMC Medical Informatics and Decision Making, 2016, 16, 31.	3.0	15
38	Human centromedian-parafascicular complex signals sensory cues for goal-oriented behavior selection. NeuroImage, 2017, 152, 390-399.	4.2	15
39	Dyspnea in Amyotrophic Lateral Sclerosis: Rasch-Based Development and Validation of a Patient-Reported Outcome (DAL5-15). Journal of Pain and Symptom Management, 2018, 56, 736-745.e2.	1.2	14
40	Interhemispheric connectivity in amyotrophic lateral sclerosis: A near-infrared spectroscopy and diffusion tensor imaging study. NeuroImage: Clinical, 2016, 12, 666-672.	2.7	11
41	Sonographic and 3T-MRI-based evaluation of the tongue in ALS. NeuroImage: Clinical, 2020, 26, 102233.	2.7	11
42	Valence-specific conflict moderation in the dorso-medial PFC and the caudate head in emotional speech. Social Cognitive and Affective Neuroscience, 2015, 10, 165-171.	3.0	10
43	Differential involvement of forearm muscles in ALS does not relate to sonographic structural nerve alterations. Clinical Neurophysiology, 2018, 129, 1438-1443.	1.5	9
44	AANEM "IFCN glossary of terms in neuromuscular electrodiagnostic medicine and ultrasound. Clinical Neurophysiology, 2020, 131, 1662-1663.	1.5	8
45	Dyspnea as a Fatigue-Promoting Factor in ALS and the Role of Objective Indicators of Respiratory Impairment. Journal of Pain and Symptom Management, 2020, 60, 430-438.e1.	1.2	8
46	CLIPPERS Syndrome: An Entity to be Faced in Neurosurgery. World Neurosurgery, 2015, 84, 2077.e1-2077.e3.	1.3	7
47	Attenuated error-related potentials in amyotrophic lateral sclerosis with executive dysfunctions. Clinical Neurophysiology, 2017, 128, 1496-1503.	1.5	7
48	The upper cervical spinal cord in ALS assessed by cross-sectional and longitudinal 3T MRI. Scientific Reports, 2020, 10, 1783.	3.3	7
49	Dopaminergic modulation of novelty repetition in Parkinson's disease: A study of P3 event-related brain potentials. Clinical Neurophysiology, 2020, 131, 2841-2850.	1.5	6
50	Characteristics of pain and the burden it causes in patients with amyotrophic lateral sclerosis " a longitudinal study. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2021, , 1-8.	1.7	5
51	The Dyspnea-ALS-Scale (DAL5-15) optimizes individual treatment in patients with amyotrophic lateral sclerosis (ALS) suffering from dyspnea. Health and Quality of Life Outcomes, 2019, 17, 95.	2.4	4
52	A Multi-Center Cohort Study on Characteristics of Pain, Its Impact and Pharmacotherapeutic Management in Patients with ALS. Journal of Clinical Medicine, 2021, 10, 4552.	2.4	4
53	Ultrasound assessment of nerve and nerve root thickness. Do they contribute to the diagnosis of ALS?. Clinical Neurophysiology, 2014, 125, 1719-1720.	1.5	3
54	Intraspinal cavernous bleeding during early pregnancy. Journal of Neurology, 2016, 263, 2127-2129.	3.6	3

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55	Lack of an association between attention-deficit/hyperactivity disorder (ADHD) and amyotrophic lateral sclerosis (ALS). <i>Journal of the Neurological Sciences</i> , 2018, 385, 7-11.	0.6	2
56	Letters to the editor. <i>Muscle and Nerve</i> , 1993, 16, 876-885.	2.2	1
57	Upper motor neuron involvement in amyotrophic lateral sclerosis. Do we have a new diagnostic tool?. <i>Clinical Neurophysiology</i> , 2021, 132, 618-619.	1.5	1
58	Pain-Related Coping Behavior in ALS: The Interplay between Maladaptive Coping, the Patient's Affective State and Pain. <i>Journal of Clinical Medicine</i> , 2022, 11, 944.	2.4	1
59	Guidelines for low intensity transcranial electrical stimulation – An overdue step in a fairly uncontrolled field. <i>Clinical Neurophysiology</i> , 2017, 128, 1770-1771.	1.5	0
60	Association between attention-deficit/hyperactivity disorder (ADHD) and amyotrophic lateral sclerosis (ALS). <i>Journal of the Neurological Sciences</i> , 2018, 391, 152.	0.6	0
61	Diagnostic criteria of ALS. Are the Gold Coast Criteria the ultimate solution?. <i>Clinical Neurophysiology</i> , 2021, 132, 3177-3178.	1.5	0