Arnaud Delval

List of Publications by Year
in descending order

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96	3,181	126907	182427
papers	citations	33 h-index	51 g-index

112	112	112	4279
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neurophysiological recordings improve the accuracy of the evaluation of the outcome in perinatal hypoxic ischemic encephalopathy. European Journal of Paediatric Neurology, 2022, 36, 51-56.	1.6	1
2	Repetitive transcranial magnetic stimulation for patients with functional paralysis: a randomized controlled study. European Journal of Neurology, 2022, , .	3.3	4
3	Anxiety in Parkinson's disease: A resting-state high density EEG study. Neurophysiologie Clinique, 2022, 52, 202-211.	2.2	8
4	EEG-based functional connectivity and executive control in patients with Parkinsonâ€™s disease and freezing of gait. Clinical Neurophysiology, 2022, 137, 207-215.	1.5	6
5	Functional networks underlying freezing of gait: a resting-state electroencephalographic study. Neurophysiologie Clinique, 2022, , .	2.2	1
6	Factors impacting performance on the 6â€minute walk test by people with lateâ€onset Pompe disease. Muscle and Nerve, 2022, 65, 693-697.	2.2	2
7	Do kinematic gait parameters help to discriminate between fallers and non-fallers with Parkinsonâ€™s disease?. Clinical Neurophysiology, 2021, 132, 536-541.	1.5	7
8	Initial center of pressure position prior to anticipatory postural adjustments during gait initiation in people with Parkinson's disease with freezing of gait. Parkinsonism and Related Disorders, 2021, 84, 8-14.	2.2	11
9	Quantitative approach to early neonatal EEG visual analysis in hypoxic-ischemic encephalopathy severity: Bridging the gap between eyes and machine. Neurophysiologie Clinique, 2021, 51, 121-131.	2.2	17
10	Neurophysiological findings and their prognostic value in critical COVID-19 patients: An observational study. Clinical Neurophysiology, 2021, 132, 1009-1017.	1.5	9
11	Parkinson's diseaseâ€related changes in the behavioural synergy between eye movements and postural movements. European Journal of Neuroscience, 2021, 54, 5161-5172.	2.6	3
12	Optimization of postural control in precise gaze shifts and laser pointing. Human Movement Science, 2021, 79, 102853.	1.4	0
13	Assessing the upper motor neuron in amyotrophic lateral sclerosis using the triple stimulation technique: A multicenter prospective study. Clinical Neurophysiology, 2021, 132, 2551-2557.	1.5	4
14	Role of the peripheral nervous system for an appropriate postural preparation during gait initiation in patients with a chronic inflammatory demyelinating polyneuropathy: A pilot study. Gait and Posture, 2021, 90, 29-35.	1.4	3
15	Utilization Patterns of Amantadine in Parkinsonâ€™s Disease Patients Enrolled in the French COPARK Study. Drugs and Aging, 2020, 37, 215-223.	2.7	11
16	Influence of Motor Deficiency and Spatial Neglect on the Contralesional Posterior Parietal Cortex Functional and Structural Connectivity in Stroke Patients. Brain Topography, 2020, 33, 176-190.	1.8	5
17	Human Fetal Cell Therapy in Huntington's Disease: A Randomized, Multicenter, Phase <scp>II</scp> Trial. Movement Disorders, 2020, 35, 1323-1335.	3.9	16
18	Anti-pan-neurofascin IgM in COVID-19-related Guillain-BarrÃ© syndrome: Evidence for a nodo-paranodopathy. Neurophysiologie Clinique, 2020, 50, 397-399.	2.2	10

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19	Excessive buccal saliva in patients with Parkinsonâ€™s disease of the French COPARK cohort. Journal of Neural Transmission, 2020, 127, 1607-1617.	2.8	3
20	Can dual-task paradigms predict Falls better than single task? â€“ A systematic literature review. Neurophysiologie Clinique, 2020, 50, 401-440.	2.2	30
21	Postural instability in Parkinsonâ€™s disease: Review and bottom-up rehabilitative approaches. Neurophysiologie Clinique, 2020, 50, 479-487.	2.2	16
22	New insight into Parkinsonâ€™s diseaseâ€related impairment of the automatic control of upright stance. European Journal of Neuroscience, 2020, 52, 4851-4862.	2.6	1
23	A new paradigm to study the influence of attentional load on cortical activity for motor preparation of step initiation. Experimental Brain Research, 2020, 238, 643-656.	1.5	7
24	Cortical Oscillations during Gait: Wouldnâ€™t Walking Be So Automatic?. Brain Sciences, 2020, 10, 90.	2.3	15
25	Contribution of transcranial magnetic stimulation in assessing parietofrontal connectivity during gesture production in healthy individuals and brain-injured patients. Neurophysiologie Clinique, 2019, 49, 115-123.	2.2	6
26	Electroencephalographyâ€based machine learning for cognitive profiling in Parkinson's disease: Preliminary results. Movement Disorders, 2019, 34, 210-217.	3.9	49
27	The laser shoes. Neurology, 2018, 90, e164-e171.	1.1	77
28	Use of a high-fidelity patient simulator for training 200 medical students in seizure management: A pilot study at the PRESAGE simulation center in Lille. Revue Neurologique, 2018, 174, 68-70.	1.5	1
29	Visual cueing using laser shoes reduces freezing of gait in Parkinson's patients at home. Movement Disorders, 2018, 33, 1664-1665.	3.9	6
30	Motor Preparation of Step Initiation: Error-related Cortical Oscillations. Neuroscience, 2018, 393, 12-23.	2.3	16
31	Brain imaging of locomotion in neurological conditions. Neurophysiologie Clinique, 2018, 48, 337-359.	2.2	40
32	The interaction between cognition and motor control: A theoretical framework for dual-task interference effects on posture, gait initiation, gait and turning. Neurophysiologie Clinique, 2018, 48, 361-375.	2.2	170
33	Recommendations for the use of electroencephalography and evoked potentials in comatose patients. Neurophysiologie Clinique, 2018, 48, 143-169.	2.2	74
34	Functional connectivity disruptions correlate with cognitive phenotypes in Parkinson's disease. NeuroImage: Clinical, 2017, 14, 591-601.	2.7	87
35	Parietomotor connectivity in the contralesional hemisphere after stroke: A paired-pulse TMS study. Clinical Neurophysiology, 2017, 128, 707-715.	1.5	7
36	Identification of genetic variants associated with Huntington's disease progression: a genome-wide association study. Lancet Neurology, The, 2017, 16, 701-711.	10.2	248

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37	Lâ€<scp>DOPA</scp>â€induced dyskinesias, motor fluctuations and healthâ€related quality of life: the <scp>COPARK</scp> survey. European Journal of Neurology, 2017, 24, 1532-1538.	3.3	43
38	Levodopa has primarily negative influences on postural control in patients with Parkinson's disease. Behavioural Brain Research, 2017, 331, 67-75.	2.2	12
39	Freezing during tapping tasks in patients with advanced Parkinsonâ€™s disease and freezing of gait. PLoS ONE, 2017, 12, e0181973.	2.5	17
40	Effects of Stimulus-Driven and Goal-Directed Attention on Prepulse Inhibition of Brain Oscillations. Frontiers in Human Neuroscience, 2016, 10, 390.	2.0	7
41	Attention modulation during motor preparation in Parkinsonian freezers: A timeâ€“frequency EEG study. Clinical Neurophysiology, 2016, 127, 3506-3515.	1.5	14
42	Impulse Control Disorders in Parkinsonâ€™s Disease are Associated with Alterations in Reward-Related Cortical Oscillations. Journal of Parkinson's Disease, 2016, 6, 651-666.	2.8	4
43	Freezing/festination during motor tasks in early-stage Parkinson's disease: A prospective study. Movement Disorders, 2016, 31, 1837-1845.	3.9	30
44	Single session intermittent theta-burst stimulation on the left premotor cortex does not alleviate freezing of gait in Parkinsonâ€™s disease. Neuroscience Letters, 2016, 628, 1-9.	2.1	21
45	Influence of repetitive transcranial magnetic stimulation on tibialis anterior activity during walking in humans. Neuroscience Letters, 2016, 616, 49-56.	2.1	4
46	How does visuospatial attention modulate motor preparation during gait initiation?. Experimental Brain Research, 2016, 234, 39-50.	1.5	11
47	Are Upper-Body Axial Symptoms a Feature of Early Parkinsonâ€™s Disease?. PLoS ONE, 2016, 11, e0162904.	2.5	15
48	Specific Attentional Disorders and Freezing of Gait in Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2015, 5, 379-387.	2.8	26
49	Hypometabolism in Posterior and Temporal Areas of the Brain is Associated with Cognitive Decline in Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2015, 5, 569-574.	2.8	37
50	New insights into posture and locomotion. Neurophysiologie Clinique, 2015, 45, 239.	2.2	0
51	Somatosensory evoked potentials in the assessment of peripheral neuropathies: Commented results of a survey among French-speaking practitioners and recommendations for practice. Neurophysiologie Clinique, 2015, 45, 131-142.	2.2	7
52	Self-perceived and actual ability in the functional reach test in patients with Parkinsonâ€™s disease. Neuroscience Letters, 2015, 589, 181-184.	2.1	15
53	Gait and attentional performance in freezers under methylphenidate. Gait and Posture, 2015, 41, 384-388.	1.4	24
54	Falls in ambulatory non-demented patients with Parkinsonâ€™s disease. Journal of Neural Transmission, 2015, 122, 1447-1455.	2.8	55

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55	Polymorphism of the dopamine transporter type 1 gene modifies the treatment response in Parkinsonâ€™s disease. Brain, 2015, 138, 1271-1283.	7.6	51
56	Identifying freezing of gait in Parkinson's disease during freezing provoking tasks using waist-mounted accelerometry. Parkinsonism and Related Disorders, 2015, 21, 1362-1366.	2.2	70
57	Parkinson's Disease-Related Impairments in Body Movement, Coordination and Postural Control Mechanisms When Performing 80^{circ} Lateral Gaze Shifts. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2015, 23, 849-856.	4.9	7
58	Brain metabolic abnormalities during gait with freezing in Parkinsonâ€™s disease. Neuroscience, 2015, 307, 281-301.	2.3	59
59	Characterization and quantification of freezing of gait in Parkinson's disease: Can detection algorithms replace clinical expert opinion?. Neurophysiologie Clinique, 2015, 45, 305-313.	2.2	14
60	Prevalence, Determinants, and Effect on Quality of Life of Freezing of Gait in Parkinson Disease. JAMA Neurology, 2014, 71, 884.	9.0	241
61	Why we should study gait initiation in Parkinson's disease. Neurophysiologie Clinique, 2014, 44, 69-76.	2.2	65
62	Interest of active posturography to detect age-related and early Parkinson's disease-related impairments in mediolateral postural control. Journal of Neurophysiology, 2014, 112, 2638-2646.	1.8	15
63	Un soldat de la garde impÃ©riale. Pratique Neurologique - FMC, 2014, 5, 247-248.	0.1	0
64	Does overestimation of an object's mass during arm-raising modify postural adjustments?. Neuroscience Letters, 2014, 578, 12-16.	2.1	2
65	Attention modulates step initiation postural adjustments in Parkinson freezers. Parkinsonism and Related Disorders, 2014, 20, 284-289.	2.2	35
66	Biomechanical mechanisms and centre of pressure trajectory during planned gait termination. Neurophysiologie Clinique, 2014, 44, 227-233.	2.2	10
67	Editorial. Neurophysiologie Clinique, 2014, 44, 1.	2.2	0
68	Auditory cueing of gait initiation in Parkinsonâ€™s disease patients with freezing of gait. Clinical Neurophysiology, 2014, 125, 1675-1681.	1.5	68
69	Predictive Factors for Improvement of Gait by Low-Frequency Stimulation in Parkinson's Disease. Journal of Parkinson's Disease, 2014, 4, 413-420.	2.8	8
70	Stimulus-driven attention modulates the release of anticipatory postural adjustments during step initiation. Neuroscience, 2013, 247, 25-34.	2.3	15
71	The pattern of attentional deficits in Parkinson's disease. Parkinsonism and Related Disorders, 2013, 19, 300-305.	2.2	47
72	Split-belt locomotion in Parkinsonâ€™s disease with and without freezing of gait. Neuroscience, 2013, 236, 110-116.	2.3	48

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73	Association between caffeine intake and age at onset in Huntington's disease. Neurobiology of Disease, 2013, 58, 179-182.	4.4	63
74	Methylphenidate. CNS Drugs, 2013, 27, 1-14.	5.9	40
75	Memantine for axial signs in Parkinson's disease: a randomised, double-blind, placebo-controlled pilot study. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 552-555.	1.9	55
76	Methylphenidate for gait hypokinesia and freezing in patients with Parkinson's disease undergoing subthalamic stimulation: a multicentre, parallel, randomised, placebo-controlled trial. Lancet Neurology, The, 2012, 11, 589-596.	10.2	150
77	Anticipatory postural adjustments during step initiation: Elicitation by auditory stimulation of differing intensities. Neuroscience, 2012, 219, 166-174.	2.3	37
78	The possible price of auditory cueing: Influence on obstacle avoidance in Parkinson's disease. Movement Disorders, 2012, 27, 574-578.	3.9	30
79	Effect of bilateral subthalamic nucleus deep brain stimulation on postural adjustments during arm movement. Clinical Neurophysiology, 2011, 122, 2032-2035.	1.5	8
80	Are gait initiation parameters early markers of Huntington's disease in pre-manifest mutation carriers?. Gait and Posture, 2011, 34, 202-207.	1.4	18
81	Walking patterns in Parkinson's disease with and without freezing of gait. Neuroscience, 2011, 182, 217-224.	2.3	84
82	External Globus Pallidus Stimulation Modulates Brain Connectivity in Huntington's Disease. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 41-46.	4.3	45
83	Recurrent multiple cranial nerve palsy and antiâ€GD1a antibodies. Muscle and Nerve, 2011, 43, 447-448.	2.2	4
84	Objective detection of subtle freezing of gait episodes in Parkinson's disease. Movement Disorders, 2010, 25, 1684-1693.	3.9	79
85	Freezing of Gait. , 2010, , 486-491.		4
86	HÃ©michorÃ©e-hÃ©miballisme et hyperglycÃ©mie sans cÃ©tose. Pratique Neurologique - FMC, 2010, 1, 240-246.	0.1	0
87	Reduced levodopa-induced complications after 5Âyears of subthalamic stimulation in Parkinsonâ€™s disease: a second honeymoon. Journal of Neurology, 2009, 256, 1736-1741.	3.6	54
88	Recurrent unexplained syncope may have a cerebral origin: Report of 10Âcases of arrhythmogenic epilepsy. Archives of Cardiovascular Diseases, 2009, 102, 397-407.	1.6	25
89	Role of attentional resources on gait performance in Huntington's disease. Movement Disorders, 2008, 23, 684-689.	3.9	53
90	Effect of external cueing on gait in Huntington's disease. Movement Disorders, 2008, 23, 1446-1452.	3.9	40

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91	Kinematic angular parameters in PD: Reliability of joint angle curves and comparison with healthy subjects. Gait and Posture, 2008, 28, 495-501.	1.4	38
92	A biomechanical study of gait initiation in Huntington's disease. Gait and Posture, 2007, 25, 279-288.	1.4	52
93	Role of hypokinesia and bradykinesia in gait disturbances in Huntington's disease. Journal of Neurology, 2006, 253, 73-80.	3.6	53
94	Gait abnormalities induced by acquired bilateral pallidal lesions. Journal of Neurology, 2006, 253, 594-600.	3.6	13
95	Relapsing sensorimotor neuropathy with ophthalmoplegia, antidisialosyl antibodies, and extramembranous glomerulonephritis. Muscle and Nerve, 2006, 33, 274-277.	2.2	13
96	Movement-related cortical activation in familial Parkinson disease. Neurology, 2006, 67, 1086-1087.	1.1	17