

# Natasha M Maurits

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/589453/publications.pdf>

Version: 2024-02-01

154  
papers

6,499  
citations

61984

43  
h-index

79698

73  
g-index

161  
all docs

161  
docs citations

161  
times ranked

8395  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Brain-Wide Study of Age-Related Changes in Functional Connectivity. <i>Cerebral Cortex</i> , 2015, 25, 1987-1999.	2.9	617
2	Correlating the alpha rhythm to BOLD using simultaneous EEG/fMRI: Inter-subject variability. <i>NeuroImage</i> , 2006, 30, 203-213.	4.2	286
3	Reference values of maximum isometric muscle force obtained in 270 children aged 4–16 years by hand-held dynamometry. <i>Neuromuscular Disorders</i> , 2001, 11, 441-446.	0.6	246
4	$\beta$ -Suppression during Action Observation and Execution Correlates with BOLD in Dorsal Premotor, Inferior Parietal, and SI Cortices. <i>Journal of Neuroscience</i> , 2011, 31, 14243-14249.	3.6	241
5	Mental Fatigue Affects Visual Selective Attention. <i>PLoS ONE</i> , 2012, 7, e48073.	2.5	173
6	Admitting Acute Ischemic Stroke Patients to a Stroke Care Monitoring Unit Versus a Conventional Stroke Unit. <i>Stroke</i> , 2003, 34, 101-104.	2.0	165
7	Reduced specificity of functional connectivity in the aging brain during task performance. <i>Human Brain Mapping</i> , 2014, 35, 319-330.	3.6	159
8	Muscle ultrasound analysis: normal values and differentiation between myopathies and neuropathies. <i>Ultrasound in Medicine and Biology</i> , 2003, 29, 215-225.	1.5	151
9	Mesoscopic dynamics of copolymer melts: From density dynamics to external potential dynamics using nonlocal kinetic coupling. <i>Journal of Chemical Physics</i> , 1997, 107, 5879-5889.	3.0	125
10	The influence of mental fatigue and motivation on neural network dynamics; an EEG coherence study. <i>Brain Research</i> , 2009, 1270, 95-106.	2.2	123
11	Motor network disruption in essential tremor: a functional and effective connectivity study. <i>Brain</i> , 2015, 138, 2934-2947.	7.6	122
12	Issues and recommendations from the OHBM COBIDAS MEEG committee for reproducible EEG and MEG research. <i>Nature Neuroscience</i> , 2020, 23, 1473-1483.	14.8	113
13	Effects of motor fatigue on human brain activity, an fMRI study. <i>NeuroImage</i> , 2007, 35, 1438-1449.	4.2	110
14	Dynamics of surface directed mesophase formation in block copolymer melts. <i>Journal of Chemical Physics</i> , 1999, 110, 2250-2256.	3.0	102
15	Muscle ultrasound in children: Normal values and application to neuromuscular disorders. <i>Ultrasound in Medicine and Biology</i> , 2004, 30, 1017-1027.	1.5	95
16	Comparison of serum S-100 protein levels following stroke and traumatic brain injury. <i>Journal of the Neurological Sciences</i> , 2000, 181, 104-110.	0.6	94
17	Standardized Handwriting to Assess Bradykinesia, Micrographia and Tremor in Parkinson's Disease. <i>PLoS ONE</i> , 2014, 9, e97614.	2.5	91
18	Three-dimensional mesoscale dynamics of block copolymers under shear: The dynamic density-functional approach. <i>Physical Review E</i> , 1998, 57, R4879-R4882.	2.1	89

#	ARTICLE	IF	CITATIONS
19	A preliminary study on electromyographic analysis of the paraspinal musculature in idiopathic scoliosis. <i>European Spine Journal</i> , 2005, 14, 130-137.	2.2	88
20	Validation of "laboratory"-supported criteria for functional (psychogenic) tremor. <i>Movement Disorders</i> , 2016, 31, 555-562.	3.9	86
21	Fetal endoscopic myelomeningocele closure preserves segmental neurological function. <i>Developmental Medicine and Child Neurology</i> , 2012, 54, 15-22.	2.1	84
22	Intermittent Prednisone Therapy in Duchenne Muscular Dystrophy. <i>Archives of Neurology</i> , 2005, 62, 128.	4.5	83
23	Relation between muscle and brain activity during isometric contractions of the first dorsal interosseus muscle. <i>Human Brain Mapping</i> , 2008, 29, 281-299.	3.6	83
24	Fatigue Perceived by Multiple Sclerosis Patients Is Associated With Muscle Fatigue. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 48-57.	2.9	77
25	The Relationship between P3 Amplitude and Working Memory Performance Differs in Young and Older Adults. <i>PLoS ONE</i> , 2013, 8, e63701.	2.5	77
26	Voluntary activation and cortical activity during a sustained maximal contraction: An fMRI study. <i>Human Brain Mapping</i> , 2009, 30, 1014-1027.	3.6	75
27	The MesoDyn project: software for mesoscale chemical engineering. <i>Computational and Theoretical Chemistry</i> , 1999, 463, 139-143.	1.5	74
28	Precursors of Developmental Dyslexia: An Overview of the Longitudinal Dutch Dyslexia Programme Study. <i>Dyslexia</i> , 2013, 19, 191-213.	1.5	74
29	Functional ability and muscle force in healthy children and ambulant Duchenne muscular dystrophy patients. <i>European Journal of Paediatric Neurology</i> , 2005, 9, 387-393.	1.6	72
30	Infant ERPs separate children at risk of dyslexia who become good readers from those who become poor readers. <i>Developmental Science</i> , 2013, 16, 554-563.	2.4	72
31	The influence of vessel wall elasticity and peripheral resistance on the carotid artery flow wave form: A CFD model compared to in vivo ultrasound measurements. <i>Journal of Biomechanics</i> , 2007, 40, 427-436.	2.1	70
32	Mechanisms underlying muscle fatigue differ between multiple sclerosis patients and controls: A combined electrophysiological and neuroimaging study. <i>NeuroImage</i> , 2012, 59, 3110-3118.	4.2	66
33	Brain mechanisms underlying the effects of aging on different aspects of selective attention. <i>NeuroImage</i> , 2014, 91, 52-62.	4.2	65
34	Mesoscopic phase separation dynamics of compressible copolymer melts. <i>Physical Review E</i> , 1997, 56, 816-825.	2.1	60
35	Rhythmic finger tapping reveals cerebellar dysfunction in essential tremor. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 383-388.	2.2	59
36	Hydrodynamic effects in three-dimensional microphase separation of block copolymers: Dynamic mean-field density functional approach. <i>Journal of Chemical Physics</i> , 1998, 108, 9150-9154.	3.0	56

#	ARTICLE	IF	CITATIONS
37	Surface EMG measurements during fMRI at 3T: Accurate EMG recordings after artifact correction. <i>NeuroImage</i> , 2005, 27, 240-246.	4.2	55
38	The EEG response to pyridoxineâ€”neither identifies nor excludes pyridoxineâ€”dependent epilepsy. <i>Epilepsia</i> , 2010, 51, 2406-2411.	5.1	53
39	cTBS delivered to the left somatosensory cortex changes its functional connectivity during rest. <i>NeuroImage</i> , 2015, 114, 386-397.	4.2	53
40	Temporal auditory processing at 17 months of age is associated with preliterate language comprehension and later word reading fluency: An ERP study. <i>Neuroscience Letters</i> , 2012, 528, 31-35.	2.1	49
41	Reduced cortical activity during maximal bilateral contractions of the index finger. <i>NeuroImage</i> , 2007, 35, 16-27.	4.2	48
42	How typical are â€”typicalâ€” tremor characteristics? Sensitivity and specificity of five tremor phenomena. <i>Parkinsonism and Related Disorders</i> , 2016, 30, 23-28.	2.2	48
43	Scaled Subprofile Modeling and Convolutional Neural Networks for the Identification of Parkinsonâ€”s Disease in 3D Nuclear Imaging Data. <i>International Journal of Neural Systems</i> , 2019, 29, 1950010.	5.2	48
44	Coherence analysis differentiates between cortical myoclonic tremor and essential tremor. <i>Movement Disorders</i> , 2006, 21, 215-222.	3.9	46
45	Monitoring of Optimal Cerebral Perfusion Pressure in Traumatic Brain Injured Patients Using a Multi-Window Weighting Algorithm. <i>Journal of Neurotrauma</i> , 2017, 34, 3081-3088.	3.4	45
46	Simultaneous EMGâ€”functional MRI recordings can directly relate hyperkinetic movements to brain activity. <i>Human Brain Mapping</i> , 2008, 29, 1430-1441.	3.6	44
47	Decreased Cerebellar Fiber Density in Cortical Myoclonic Tremor but Not in Essential Tremor. <i>Cerebellum</i> , 2013, 12, 199-204.	2.5	44
48	Bilateral cerebellar activation in unilaterally challenged essential tremor. <i>NeuroImage: Clinical</i> , 2016, 11, 1-9.	2.7	43
49	EEG Coherence Obtained From an Auditory Oddball Task Increases With Age. <i>Journal of Clinical Neurophysiology</i> , 2006, 23, 395-403.	1.7	42
50	Functional Neural Correlates of Anosognosia in Mild Cognitive Impairment and Alzheimerâ€”s Disease: a Systematic Review. <i>Neuropsychology Review</i> , 2019, 29, 139-165.	4.9	41
51	Three-dimensional simulation of hexagonal phase of a specific polymer system under shear: The dynamic density functional approach. <i>Journal of Chemical Physics</i> , 1998, 109, 8751-8754.	3.0	40
52	The Relation Between Electromyography and Growth Velocity of the Spine in the Evaluation of Curve Progression in Idiopathic Scoliosis. <i>Spine</i> , 2004, 29, 1011-1016.	2.0	40
53	The prognostic value of serial EEG recordings following acute neonatal asphyxia in full-term infants. <i>European Journal of Paediatric Neurology</i> , 2001, 5, 155-160.	1.6	39
54	Cerebellar Atrophy in Cortical Myoclonic Tremor and Not in Hereditary Essential Tremorâ€”a Voxel-Based Morphometry Study. <i>Cerebellum</i> , 2016, 15, 696-704.	2.5	34

#	ARTICLE	IF	CITATIONS
55	High-density EEG coherence analysis using functional units applied to mental fatigue. <i>Journal of Neuroscience Methods</i> , 2008, 171, 271-278.	2.5	31
56	Data-Driven Visualization and Group Analysis of Multichannel EEG Coherence with Functional Units. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2008, 14, 756-771.	4.4	31
57	Can repetitive transcranial magnetic stimulation increase muscle strength in functional neurological paresis? A proof-of-principle study. <i>European Journal of Neurology</i> , 2015, 22, 866-873.	3.3	31
58	Somatosensory electrical stimulation improves skill acquisition, consolidation, and transfer by increasing sensorimotor activity and connectivity. <i>Journal of Neurophysiology</i> , 2018, 120, 281-290.	1.8	31
59	Acetylsalicylic Acid and Acetaminophen to Combat Elevated Body Temperature in Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2004, 17, 118-122.	1.7	30
60	Flexible connectivity in the aging brain revealed by task modulations. <i>Human Brain Mapping</i> , 2014, 35, 3788-3804.	3.6	30
61	fMRI analysis for motor paradigms using EMG-based designs: A validation study. <i>Human Brain Mapping</i> , 2007, 28, 1117-1127.	3.6	29
62	Enhanced Visualization of Optimal Cerebral Perfusion Pressure Over Time to Support Clinical Decision Making*. <i>Critical Care Medicine</i> , 2016, 44, e996-e999.	0.9	29
63	Compensation through Increased Functional Connectivity: Neural Correlates of Inhibition in Old and Young. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 2057-2069.	2.3	28
64	Age-related changes in brain deactivation but not in activation after motor learning. <i>NeuroImage</i> , 2019, 186, 358-368.	4.2	28
65	Application of free energy expansions to mesoscopic dynamics of copolymer melts using a Gaussian chain molecular model. <i>Journal of Chemical Physics</i> , 1997, 106, 6730-6743.	3.0	27
66	Basic auditory processing is related to familial risk, not to reading fluency: An ERP study. <i>Cortex</i> , 2015, 63, 90-103.	2.4	27
67	In children with Friedreich ataxia, muscle and ataxia parameters are associated. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 529-534.	2.1	26
68	Preliteracy signatures of poor-reading abilities in resting-state EEG. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 735.	2.0	26
69	EEG time-frequency analysis provides arguments for arm swing support in human gait control. <i>Gait and Posture</i> , 2019, 70, 71-78.	1.4	25
70	Usefulness of intermuscular coherence and cumulant analysis in the diagnosis of postural tremor. <i>Clinical Neurophysiology</i> , 2015, 126, 1564-1569.	1.5	24
71	Functional Magnetic Resonance Imaging Connectivity Analyses Reveal Efference-Copy to Primary Somatosensory Area, BA2. <i>PLoS ONE</i> , 2014, 9, e84367.	2.5	22
72	The Role of Categorical Speech Perception and Phonological Processing in Familial Risk Children With and Without Dyslexia. <i>Journal of Speech, Language, and Hearing Research</i> , 2016, 59, 1448-1460.	1.6	22

#	ARTICLE	IF	CITATIONS
73	Graphical Tasks to Measure Upper Limb Function in Patients With Parkinson's Disease: Validity and Response to Dopaminergic Medication. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017, 21, 283-289.	6.3	21
74	Equation of state and stress tensor in inhomogeneous compressible copolymer melts: Dynamic mean-field density functional approach. <i>Journal of Chemical Physics</i> , 1998, 108, 2638-2650.	3.0	20
75	Pathway Controlled Morphology Formation in Polymer Systems: Reactions, Shear, and Microphase Separation. <i>Macromolecules</i> , 1999, 32, 7674-7681.	4.8	20
76	Multichannel recording of median nerve somatosensory evoked potentials. <i>Neurophysiologie Clinique</i> , 2008, 38, 9-21.	2.2	20
77	Reproducibility and variability of dynamic cerebral autoregulation during passive cyclic leg raising. <i>Medical Engineering and Physics</i> , 2014, 36, 585-591.	1.7	20
78	Design and Evaluation of Tiled Parallel Coordinate Visualization of Multichannel EEG Data. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2007, 13, 70-79.	4.4	19
79	Weight dependent modulation of motor resonance induced by weight estimation during observation of partially occluded lifting actions. <i>Neuropsychologia</i> , 2015, 66, 237-245.	1.6	19
80	Dynamic cerebral autoregulation estimates derived from near infrared spectroscopy and transcranial Doppler are similar after correction for transit time and blood flow and blood volume oscillations. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 135-149.	4.3	19
81	Intermuscular coherence analysis in older adults reveals that gait-related arm swing drives lower limb muscles via subcortical and cortical pathways. <i>Journal of Physiology</i> , 2021, 599, 2283-2298.	2.9	19
82	Direction of Movement Is Encoded in the Human Primary Motor Cortex. <i>PLoS ONE</i> , 2011, 6, e27838.	2.5	19
83	Visual Screening of Muscle Ultrasound Images in Children. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 2345-2351.	1.5	18
84	Automatic classification of gait in children with early-onset ataxia or developmental coordination disorder and controls using inertial sensors. <i>Gait and Posture</i> , 2017, 52, 287-292.	1.4	18
85	The Cochlear Implant EEG Artifact Recorded From an Artificial Brain for Complex Acoustic Stimuli. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 392-399.	4.9	17
86	P300 analysis techniques in cognitive impairment after brain injury: Comparison with neuropsychological and imaging data. <i>Brain Injury</i> , 2008, 22, 870-881.	1.2	16
87	Quantifying Interhemispheric Symmetry of Somatosensory Evoked Potentials With the Intraclass Correlation Coefficient. <i>Journal of Clinical Neurophysiology</i> , 2008, 25, 139-146.	1.7	16
88	The interplay of socio-economic status represented by paternal educational level, white matter structure and reading. <i>PLoS ONE</i> , 2019, 14, e0215560.	2.5	16
89	Viscoelastic effects in three-dimensional microphase separation of block copolymers: Dynamic mean-field density functional approach. <i>Journal of Chemical Physics</i> , 1998, 109, 11032-11042.	3.0	15
90	Modulated Self-Organization in Complex Amphiphilic Systems. <i>Molecular Simulation</i> , 2000, 25, 131-144.	2.0	15

#	ARTICLE	IF	CITATIONS
91	Muscle ultrasound density in human fetuses with spina bifida aperta. <i>Early Human Development</i> , 2009, 85, 519-523.	1.8	15
92	Functional connectivity differences in Alzheimer's disease and amnesic mild cognitive impairment associated with AT(N) classification and anosognosia. <i>Neurobiology of Aging</i> , 2021, 101, 22-39.	3.1	15
93	Explicit multi-time stepping methods for convection-dominated flow problems. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1998, 157, 133-150.	6.6	14
94	Tremor Detection Using Parametric and Non-Parametric Spectral Estimation Methods: A Comparison with Clinical Assessment. <i>PLoS ONE</i> , 2016, 11, e0156822.	2.5	14
95	Muscle Ultrasound in Patients with Glycogen Storage Disease Types I and III. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 133-142.	1.5	14
96	Stimuli and Feature Extraction Algorithms for Brain-Computer Interfaces: A Systematic Comparison. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 1669-1679.	4.9	14
97	Impaired driving simulation in patients with Periodic Limb Movement Disorder and patients with Obstructive Sleep Apnea Syndrome. <i>Sleep Medicine</i> , 2012, 13, 517-523.	1.6	13
98	Neural Correlates Associated with Successful Working Memory Performance in Older Adults as Revealed by Spatial ICA. <i>PLoS ONE</i> , 2014, 9, e99250.	2.5	13
99	Quantitative assessment of calf circumference in Duchenne muscular dystrophy patients. <i>Neuromuscular Disorders</i> , 2002, 12, 639-642.	0.6	12
100	Pre-Movement Cortico-Muscular Dynamics Underlying Improved Parkinson Gait Initiation after Instructed Arm Swing. <i>Journal of Parkinson's Disease</i> , 2020, 10, 1675-1693.	2.8	12
101	L1 and L2 reading skills in Dutch adolescents with a familial risk of dyslexia. <i>PeerJ</i> , 2017, 5, e3895.	2.0	12
102	P300 Component Identification Using Source Analysis Techniques: Reduced Latency Variability. <i>Journal of Clinical Neurophysiology</i> , 2003, 20, 26-34.	1.7	11
103	P300 after head injury: Pseudodelay caused by reduced P3A amplitude. <i>Clinical Neurophysiology</i> , 2005, 116, 2606-2612.	1.5	11
104	Graph averaging as a means to compare multichannel EEG coherence networks and its application to the study of mental fatigue and neurodegenerative disease. <i>Computers and Graphics</i> , 2011, 35, 265-274.	2.5	11
105	Visual Assessment of Segmental Muscle Ultrasound Images in Spina Bifida Aperta. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1339-1344.	1.5	11
106	Similar association between objective and subjective symptoms in functional and organic tremor. <i>Parkinsonism and Related Disorders</i> , 2019, 64, 2-7.	2.2	11
107	N1 lateralization and dyslexia: An event-related potential study in children with a familial risk of dyslexia. <i>Dyslexia</i> , 2019, 25, 84-102.	1.5	11
108	Electroencephalography, Magnetoencephalography, and Cognitive Reserve: A Systematic Review. <i>Archives of Clinical Neuropsychology</i> , 2021, 36, 1374-1391.	0.5	11

#	ARTICLE	IF	CITATIONS
109	Neural Correlates of Motor Skill Learning Are Dependent on Both Age and Task Difficulty. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 643132.	3.4	11
110	Early prediction of a benign course of multiple sclerosis on clinical grounds: a systematic review. <i>Multiple Sclerosis Journal</i> , 2001, 7, 345-347.	3.0	11
111	Failure to Engage Neural Plasticity through Practice of a High-difficulty Task is Accompanied by Reduced Motor Skill Retention in Older Adults. <i>Neuroscience</i> , 2020, 451, 22-35.	2.3	10
112	Quantitative multivoxel proton spectroscopy of the brain in developmental delay. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 716-721.	3.4	9
113	Enhanced arm swing improves Parkinsonian gait with EEG power modulations resembling healthy gait. <i>Parkinsonism and Related Disorders</i> , 2021, 91, 96-101.	2.2	9
114	Quantification of Movement in Stroke Patients under Free Living Conditions Using Wearable Sensors: A Systematic Review. <i>Sensors</i> , 2022, 22, 1050.	3.8	9
115	Cerebral Activations Related to Ballistic, Stepwise Interrupted and Gradually Modulated Movements in Parkinson Patients. <i>PLoS ONE</i> , 2012, 7, e41042.	2.5	8
116	Data-driven visualization of multichannel EEG coherence networks based on community structure analysis. <i>Applied Network Science</i> , 2018, 3, 41.	1.5	8
117	Instrumented classification of patients with early onset ataxia or developmental coordination disorder and healthy control children combining information from three upper limb SARA tests. <i>European Journal of Paediatric Neurology</i> , 2021, 34, 74-83.	1.6	8
118	Short- and Long-Term Functional Connectivity Differences Associated with Alzheimer's Disease Progression. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2022, 11, 235-249.	1.3	8
119	A Novel Magnetic Stimulator Increases Experimental Pain Tolerance in Healthy Volunteers - A Double-Blind Sham-Controlled Crossover Study. <i>PLoS ONE</i> , 2013, 8, e61926.	2.5	8
120	Dichotic listening as an index of lateralization of speech perception in familial risk children with and without dyslexia. <i>Brain and Cognition</i> , 2016, 109, 75-83.	1.8	7
121	Visualisation of the "Optimal Cerebral Perfusion" Landscape in Severe Traumatic Brain Injury Patients. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 55-58.	1.0	7
122	Print-Tuning Lateralization and Handedness: an Event-Related Potential Study in Dyslexic Higher Education Students. <i>Dyslexia</i> , 2016, 22, 64-82.	1.5	6
123	Rhythmic neural activity is comodulated with short-term gait modifications during first-time use of a dummy prosthesis: a pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 134.	4.6	6
124	Distinguishing Parkinson's disease from other syndromes causing tremor using automatic analysis of writing and drawing tasks. , 2015, , .		5
125	Visual Data Exploration for Balance Quantification in Real-Time During Exergaming. <i>PLoS ONE</i> , 2017, 12, e0170906.	2.5	5
126	Assessing Dynamic Balance Performance During Exergaming Based on Speed and Curvature of Body Movements. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018, 26, 171-180.	4.9	5



#	ARTICLE	IF	CITATIONS
127	P300 component identification in auditory oddball and novel paradigms using source analysis techniques: reduced latency variability in the elderly. <i>Journal of Clinical Neurophysiology</i> , 2005, 22, 166-75.	1.7	5
128	Effects of Mild Traumatic Brain Injury on Resting State Brain Network Connectivity in Older Adults. <i>Brain Imaging and Behavior</i> , 2022, 16, 1863-1872.	2.1	5
129	Impairment of Gradual Muscle Adjustment during Wrist Circumduction in Parkinson's Disease. <i>PLoS ONE</i> , 2011, 6, e24572.	2.5	4
130	Differences in cognitive aging: typology based on a community structure detection approach. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 35.	3.4	4
131	N170 Tuning in Chinese: Logographic Characters and Phonetic Pinyin Script. <i>Scientific Studies of Reading</i> , 2016, 20, 363-374.	2.0	4
132	Reproducibility of standardized fine motor control tasks and age effects in healthy adults. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 114, 177-184.	5.0	4
133	Predictors for grade 6 reading in children at familial risk of dyslexia. <i>Annals of Dyslexia</i> , 2018, 68, 181-202.	1.7	4
134	Distinguishing Patients With a Coordination Disorder From Healthy Controls Using Local Features of Movement Trajectories During the Finger-to-Nose Test. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1714-1722.	4.2	4
135	Linear SVM Algorithm Optimization for an EEG-Based Brain-Computer Interface Used by High Functioning Autism Spectrum Disorder Participants. <i>IFMBE Proceedings</i> , 2020, , 1875-1884.	0.3	4
136	2D Gait Skeleton Data Normalization for Quantitative Assessment of Movement Disorders from Freehand Single Camera Video Recordings. <i>Sensors</i> , 2022, 22, 4245.	3.8	4
137	Quantification of LLAEP interhemispheric symmetry by the intraclass correlation coefficient as a measure of cortical reorganization after cochlear implantation. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2012, 76, 1729-1736.	1.0	3
138	Forward arm extension as a cue for gait initiation in Parkinson's patients. <i>Movement Disorders</i> , 2018, 33, 1826-1827.	3.9	3
139	Neural coupling between upper and lower limb muscles in Parkinsonian gait. <i>Clinical Neurophysiology</i> , 2022, 134, 65-72.	1.5	3
140	Curvature and speed for balance quantification during exergaming. , 2016, , .		2
141	Near-Infrared Spectroscopy-Derived Dynamic Cerebral Autoregulation in Experimental Human Endotoxemia—An Exploratory Study. <i>Frontiers in Neurology</i> , 2021, 12, 695705.	2.4	2
142	Visual Exploration of Dynamic Multichannel EEG Coherence Networks. <i>Computer Graphics Forum</i> , 2019, 38, 507-520.	3.0	1
143	Amble Gait EEG Points at Complementary Cortical Networks Underlying Stereotypic Multi-Limb Co-ordination. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 691482.	2.0	1
144	Comparison of Brain Connectivity Networks Using Local Structure Analysis. <i>Studies in Computational Intelligence</i> , 2019, , 639-651.	0.9	1

#	ARTICLE	IF	CITATIONS
145	Lack of analgesic effects of transcranial pulsed electromagnetic field stimulation in neuropathic pain patients: A randomized double-blind crossover trial. <i>Neuroscience Letters</i> , 2019, 699, 212-216.	2.1	1
146	Time-dependent directional intermuscular coherence analysis reveals that forward and backward arm swing equally drive the upper leg muscles during gait initiation. <i>Gait and Posture</i> , 2022, 92, 290-293.	1.4	1
147	Self-Reported Complaints as Prognostic Markers for Outcome After Mild Traumatic Brain Injury in Elderly: A Machine Learning Approach. <i>Frontiers in Neurology</i> , 2021, 12, 751539.	2.4	1
148	Visualization of Multichannel EEG Coherence Networks Based on Community Structure Analysis. <i>Studies in Computational Intelligence</i> , 2018, , 583-594.	0.9	0
149	Applicability of quantitative oculomotor and SARA assessment in children. <i>European Journal of Paediatric Neurology</i> , 2021, 35, 56-60.	1.6	0
150	Three Days of Measurement Provide Reliable Estimates of Daily Tremor Characteristics: A Pilot Study in Organic and Functional Tremor Patients. <i>Tremor and Other Hyperkinetic Movements</i> , 2021, 11, 13.	2.0	0
151	Psychogenic Movement Disorders, Bereitschaftspotential, and Event-Related Potentials. , 2012, , 155-180.		0
152	Numbers and Mathematical Symbols. , 2017, , 1-26.		0
153	Math for Scientists. , 2017, , .		0
154	A cross-linguistic perspective to classification of healthiness of speech in Parkinson's disease. <i>Journal of Neurolinguistics</i> , 2022, 63, 101068.	1.1	0