

Simone Rossi

List of Publications by Year in descending order

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Version: 2024-02-01

212
papers

22,652
citations

20817

60
h-index

9589

142
g-index

220
all docs

220
docs citations

220
times ranked

17536
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety, ethical considerations, and application guidelines for the use of transcranial magnetic stimulation in clinical practice and research. <i>Clinical Neurophysiology</i> , 2009, 120, 2008-2039.	1.5	4,364
2	Non-invasive electrical and magnetic stimulation of the brain, spinal cord, roots and peripheral nerves: Basic principles and procedures for routine clinical and research application. An updated report from an I.F.C.N. Committee. <i>Clinical Neurophysiology</i> , 2015, 126, 1071-1107.	1.5	1,957
3	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). <i>Clinical Neurophysiology</i> , 2014, 125, 2150-2206.	1.5	1,647
4	Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). <i>Clinical Neurophysiology</i> , 2017, 128, 56-92.	1.5	1,213
5	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS): An update (2014-2018). <i>Clinical Neurophysiology</i> , 2020, 131, 474-528.	1.5	1,017
6	A practical guide to diagnostic transcranial magnetic stimulation: Report of an IFCN committee. <i>Clinical Neurophysiology</i> , 2012, 123, 858-882.	1.5	944
7	Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. <i>Clinical Neurophysiology</i> , 2021, 132, 269-306.	1.5	553
8	Screening questionnaire before TMS: An update. <i>Clinical Neurophysiology</i> , 2011, 122, 1686.	1.5	456
9	Transcranial magnetic stimulation: Diagnostic, therapeutic, and research potential. <i>Neurology</i> , 2007, 68, 484-488.	1.1	436
10	Clinical neurophysiology of aging brain: From normal aging to neurodegeneration. <i>Progress in Neurobiology</i> , 2007, 83, 375-400.	5.7	428
11	Repetitive transcranial magnetic stimulation (rTMS) in the treatment of obsessive-compulsive disorder (OCD) and Tourette's syndrome (TS). <i>International Journal of Neuropsychopharmacology</i> , 2006, 9, 95.	2.1	275
12	Prefrontal cortex in long-term memory: an "interference" approach using magnetic stimulation. <i>Nature Neuroscience</i> , 2001, 4, 948-952.	14.8	259
13	Seizures after Spontaneous Supratentorial Intracerebral Hemorrhage. <i>Epilepsia</i> , 2002, 43, 1175-1180.	5.1	251
14	Randomized sham-controlled trial of repetitive transcranial magnetic stimulation in treatment-resistant obsessive-compulsive disorder. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 217.	2.1	217
15	Frequency-Dependent Tuning of the Human Motor System Induced by Transcranial Oscillatory Potentials. <i>Journal of Neuroscience</i> , 2011, 31, 12165-12170.	3.6	204
16	Frequency-Dependent Enhancement of Fluid Intelligence Induced by Transcranial Oscillatory Potentials. <i>Current Biology</i> , 2013, 23, 1449-1453.	3.9	189
17	Natural history of vertebrobasilar dolichoectasia. <i>Neurology</i> , 2008, 70, 66-72.	1.1	183
18	Clinical applications of motor evoked potentials. <i>Electroencephalography and Clinical Neurophysiology</i> , 1998, 106, 180-194.	0.3	181

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19	Integrated Heartâ€™Coupling multiscale and multiphysics models for the simulation of the cardiac function. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2017, 314, 345-407.	6.6	179
20	Age-Related Functional Changes of Prefrontal Cortex in Long-Term Memory: A Repetitive Transcranial Magnetic Stimulation Study. <i>Journal of Neuroscience</i> , 2004, 24, 7939-7944.	3.6	171
21	TMS in cognitive plasticity and the potential for rehabilitation. <i>Trends in Cognitive Sciences</i> , 2004, 8, 273-279.	7.8	159
22	State-Dependent Effects of Transcranial Oscillatory Currents on the Motor System: What You Think Matters. <i>Journal of Neuroscience</i> , 2013, 33, 17483-17489.	3.6	159
23	Somatosensory processing during movement observation in humans. <i>Clinical Neurophysiology</i> , 2002, 113, 16-24.	1.5	155
24	Efficiency of weak brain connections support general cognitive functioning. <i>Human Brain Mapping</i> , 2014, 35, 4566-4582.	3.6	151
25	Slow Repetitive TMS for Drugâ€™resistant Epilepsy: Clinical and EEG Findings of a Placeboâ€™controlled Trial. <i>Epilepsia</i> , 2007, 48, 366-374.	5.1	150
26	Effects of repetitive transcranial magnetic stimulation on chronic tinnitus: a randomised, crossover, double blind, placebo controlled study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007, 78, 857-863.	1.9	140
27	The Role of Prefrontal Cortex in Verbal Episodic Memory: rTMS Evidence. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 855-861.	2.3	130
28	A real electro-magnetic placebo (REMP) device for sham transcranial magnetic stimulation (TMS). <i>Clinical Neurophysiology</i> , 2007, 118, 709-716.	1.5	128
29	Revolution of Alzheimer Precision Neurology. <i>Passageway of Systems Biology and Neurophysiology. Journal of Alzheimer's Disease</i> , 2018, 64, S47-S105.	2.6	122
30	Individual differences and specificity of prefrontal gamma frequency-tACS on fluid intelligence capabilities. <i>Cortex</i> , 2016, 75, 33-43.	2.4	110
31	Reproducibility in TMSâ€™EEG studies: A call for data sharing, standard procedures and effective experimental control. <i>Brain Stimulation</i> , 2019, 12, 787-790.	1.6	106
32	Early somatosensory processing during tonic muscle pain in humans: relation to loss of proprioception and motor â€™defensiveâ€™ strategies. <i>Clinical Neurophysiology</i> , 2003, 114, 1351-1358.	1.5	105
33	Brains â€™in concertâ€™: Frontal oscillatory alpha rhythms and empathy in professional musicians. <i>NeuroImage</i> , 2012, 60, 105-116.	4.2	105
34	A Humanâ€™Robot Interaction Perspective on Assistive and Rehabilitation Robotics. <i>Frontiers in Neurorobotics</i> , 2017, 11, 24.	2.8	102
35	Reconciling global-model estimates and country reporting of anthropogenic forest CO2 sinks. <i>Nature Climate Change</i> , 2018, 8, 914-920.	18.8	101
36	Effects of Repetitive Transcranial Magnetic Stimulation on Movement-related Cortical Activity in Humans. <i>Cerebral Cortex</i> , 2000, 10, 802-808.	2.9	100

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37	Prefrontal and parietal cortex in human episodic memory: an interference study by repetitive transcranial magnetic stimulation. <i>European Journal of Neuroscience</i> , 2006, 23, 793-800.	2.6	98
38	Vegetative versus Minimally Conscious States: A Study Using TMS-EEG, Sensory and Event-Related Potentials. <i>PLoS ONE</i> , 2013, 8, e57069.	2.5	98
39	Functional Frontoparietal Connectivity During Short-Term Memory as Revealed by High-Resolution EEG Coherence Analysis. <i>Behavioral Neuroscience</i> , 2004, 118, 687-697.	1.2	95
40	Hypofunctioning of sensory gating mechanisms in patients with obsessive-compulsive disorder. <i>Biological Psychiatry</i> , 2005, 57, 16-20.	1.3	92
41	Modulation of motor cortex excitability in obsessive-compulsive disorder: An exploratory study on the relations of neurophysiology measures with clinical outcome. <i>Psychiatry Research</i> , 2013, 210, 1026-1032.	3.3	82
42	Thermodynamically consistent orthotropic activation model capturing ventricular systolic wall thickening in cardiac electromechanics. <i>European Journal of Mechanics, A/Solids</i> , 2014, 48, 129-142.	3.7	82
43	Verification of cardiac mechanics software: benchmark problems and solutions for testing active and passive material behaviour. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2015, 471, 20150641.	2.1	80
44	Functional frontoparietal connectivity during encoding and retrieval processes follows HERA model. <i>Brain Research Bulletin</i> , 2006, 68, 203-212.	3.0	78
45	A simple, stable, and accurate linear tetrahedral finite element for transient, nearly, and fully incompressible solid dynamics: a dynamic variational multiscale approach. <i>International Journal for Numerical Methods in Engineering</i> , 2016, 106, 799-839.	2.8	78
46	The smarter, the stronger: Intelligence level correlates with brain resilience to systematic insults. <i>Cortex</i> , 2015, 64, 293-309.	2.4	77
47	Focal brain stimulation in healthy humans: motor maps changes following partial hand sensory deprivation. <i>Neuroscience Letters</i> , 1996, 214, 191-195.	2.1	76
48	Orthotropic active strain models for the numerical simulation of cardiac biomechanics. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2012, 28, 761-788.	2.1	76
49	Controversy: Does repetitive transcranial magnetic stimulation/ transcranial direct current stimulation show efficacy in treating tinnitus patients?. <i>Brain Stimulation</i> , 2008, 1, 192-205.	1.6	75
50	Corticospinal excitability modulation during mental simulation of wrist movements in human subjects. <i>Neuroscience Letters</i> , 1998, 243, 147-151.	2.1	74
51	Suprathreshold 0.3 Hz repetitive TMS prolongs the cortical silent period: potential implications for therapeutic trials in epilepsy. <i>Clinical Neurophysiology</i> , 2003, 114, 1827-1833.	1.5	73
52	Pisa syndrome in Parkinson disease. <i>Neurology</i> , 2015, 85, 1769-1779.	1.1	72
53	Simultaneous recording of electroencephalographic data in musicians playing in ensemble. <i>Cortex</i> , 2011, 47, 1082-1090.	2.4	70
54	Prevalence and impact of COVID-19 in Parkinson's disease: evidence from a multi-center survey in Tuscany region. <i>Journal of Neurology</i> , 2021, 268, 1179-1187.	3.6	70

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55	Modulation of Corticospinal Output to Human Hand Muscles Following Deprivation of Sensory Feedback. <i>NeuroImage</i> , 1998, 8, 163-175.	4.2	69
56	Non-invasive brain stimulation of the aging brain: State of the art and future perspectives. <i>Ageing Research Reviews</i> , 2016, 29, 66-89.	10.9	69
57	Human cortical EEG rhythms during long-term episodic memory task. A high-resolution EEG study of the HERA model. <i>NeuroImage</i> , 2004, 21, 1576-1584.	4.2	66
58	Stimuli, presentation modality, and load-specific brain activity patterns during n-back task. <i>Human Brain Mapping</i> , 2019, 40, 3810-3831.	3.6	65
59	Repetitive Transcranial Magnetic Stimulation (rTMS) in the treatment of Panic Disorder (PD) with comorbid major depression. <i>Journal of Affective Disorders</i> , 2007, 102, 277-280.	4.1	64
60	Compensating Hand Function in Chronic Stroke Patients Through the Robotic Sixth Finger. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2017, 25, 142-150.	4.9	64
61	A Worldwide Assessment of Greenhouse Gas Emissions from Drained Organic Soils. <i>Sustainability</i> , 2016, 8, 371.	3.2	63
62	Neuromagnetic fields of the brain evoked by voluntary movement and electrical stimulation of the index finger. <i>Brain Research</i> , 1995, 682, 22-28.	2.2	61
63	Critical adjustment of land mitigation pathways for assessing countries' climate progress. <i>Nature Climate Change</i> , 2021, 11, 425-434.	18.8	61
64	Human cortical responses during one-bit short-term memory. A high-resolution EEG study on delayed choice reaction time tasks. <i>Clinical Neurophysiology</i> , 2004, 115, 161-170.	1.5	60
65	No effects of 20Hz-rTMS of the primary motor cortex in vegetative state: A randomised, sham-controlled study. <i>Cortex</i> , 2015, 71, 368-376.	2.4	58
66	Hereditary Neuronal Intranuclear Inclusion Disease With Autonomic Failure and Cerebellar Degeneration. <i>Archives of Neurology</i> , 2002, 59, 1319.	4.5	57
67	Dysfunctions of Cortical Excitability in Drug-Naive Posttraumatic Stress Disorder Patients. <i>Biological Psychiatry</i> , 2009, 66, 54-61.	1.3	57
68	Network connectivity correlates of variability in fluid intelligence performance. <i>Intelligence</i> , 2017, 65, 35-47.	3.0	55
69	Time Course of Corticospinal Excitability and Autonomic Function Interplay during and Following Monopolar tDCS. <i>Frontiers in Psychiatry</i> , 2014, 5, 86.	2.6	54
70	Neuromagnetic study of movement-related changes in rhythmic brain activity. <i>Brain Research</i> , 1996, 734, 252-260.	2.2	53
71	Intelligence-related differences in the asymmetry of spontaneous cerebral activity. <i>Human Brain Mapping</i> , 2015, 36, 3586-3602.	3.6	53
72	Fluid-Structure Interaction Models of Bioprosthetic Heart Valve Dynamics in an Experimental Pulse Duplicator. <i>Annals of Biomedical Engineering</i> , 2020, 48, 1475-1490.	2.5	53

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73	Human cortical rhythms during visual delayed choice reaction time tasks. <i>Behavioural Brain Research</i> , 2004, 153, 261-271.	2.2	52
74	Congenital mirror movements. <i>Neurology</i> , 2014, 82, 1999-2002.	1.1	52
75	Evidence for metaplasticity in the human visual cortex. <i>Journal of Neural Transmission</i> , 2014, 121, 221-231.	2.8	52
76	Mathematical modelling of active contraction in isolated cardiomyocytes. <i>Mathematical Medicine and Biology</i> , 2014, 31, 259-283.	1.2	52
77	Clinical neurophysiology of prolonged disorders of consciousness: From diagnostic stimulation to therapeutic neuromodulation. <i>Clinical Neurophysiology</i> , 2017, 128, 1629-1646.	1.5	52
78	Brain functional connectivity correlates of coping styles. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 495-508.	2.0	51
79	Non-invasive brain stimulation and neuroenhancement. <i>Clinical Neurophysiology Practice</i> , 2022, 7, 146-165.	1.4	51
80	Optically tracked neuronavigation increases the stability of hand-held focal coil positioning: Evidence from transcranial magnetic stimulation-induced electrical field measurements. <i>Brain Stimulation</i> , 2010, 3, 119-123.	1.6	47
81	A novel tDCS sham approach based on model-driven controlled shunting. <i>Brain Stimulation</i> , 2020, 13, 507-516.	1.6	47
82	Carbon emissions and removals from forests: new estimates, 1990–2020. <i>Earth System Science Data</i> , 2021, 13, 1681-1691.	9.9	46
83	Off-line removal of TMS-induced artifacts on human electroencephalography by Kalman filter. <i>Journal of Neuroscience Methods</i> , 2007, 162, 293-302.	2.5	45
84	Gamma tACS over the temporal lobe increases the occurrence of Eureka! moments. <i>Scientific Reports</i> , 2019, 9, 5778.	3.3	45
85	Changes in movement-related brain activity during transient deafferentation: a neuromagnetic study. <i>Brain Research</i> , 1996, 714, 201-208.	2.2	44
86	Involvement of the human dorsal premotor cortex in unimanual motor control: an interference approach using transcranial magnetic stimulation. <i>Neuroscience Letters</i> , 2004, 367, 189-193.	2.1	44
87	Application of Kalman Filter to Remove TMS-Induced Artifacts from EEG Recordings. <i>IEEE Transactions on Control Systems Technology</i> , 2008, 16, 1360-1366.	5.2	44
88	Modulation of network network connectivity via spike-timing dependent noninvasive brain stimulation. <i>Human Brain Mapping</i> , 2018, 39, 4870-4883.	3.6	44
89	Vibration-induced multifocal neuropathy in forestry workers: electrophysiological findings in relation to vibration exposure and finger circulation. <i>International Archives of Occupational and Environmental Health</i> , 2000, 73, 519-527.	2.3	43
90	Neural correlates of Eureka moment. <i>Intelligence</i> , 2017, 62, 99-118.	3.0	43

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91	The Bereitschaftspotential paradigm in investigating voluntary movement organization in humans using magnetoencephalography (MEG). <i>Brain Research Protocols</i> , 1997, 1, 13-22.	1.6	42
92	Systemic thrombolysis for stroke in pregnancy. <i>American Journal of Emergency Medicine</i> , 2013, 31, 448.e1-448.e3.	1.6	42
93	Distinct Olfactory Cross-Modal Effects on the Human Motor System. <i>PLoS ONE</i> , 2008, 3, e1702.	2.5	41
94	A neuromagnetic study of movement-related somatosensory gating in the human brain. <i>Experimental Brain Research</i> , 1996, 107, 504-14.	1.5	39
95	Modulation of high-frequency (600 Hz) somatosensory-evoked potentials after rTMS of the primary sensory cortex. <i>European Journal of Neuroscience</i> , 2007, 26, 2349-2358.	2.6	39
96	Temporal Dynamics of Memory Trace Formation in the Human Prefrontal Cortex. <i>Cerebral Cortex</i> , 2011, 21, 368-373.	2.9	39
97	Imaging of the dopamine transporter predicts pattern of disease progression and response to levodopa in patients with schizophrenia and parkinsonism: A 2-year follow-up multicenter study. <i>Schizophrenia Research</i> , 2014, 152, 344-349.	2.0	38
98	Training in the practice of noninvasive brain stimulation: Recommendations from an IFCN committee. <i>Clinical Neurophysiology</i> , 2021, 132, 819-837.	1.5	38
99	Uncommon findings in idiopathic hypertrophic cranial pachymeningitis. <i>Journal of Neurology</i> , 2004, 251, 548-555.	3.6	37
100	Reduction of cortical myoclonus-related epileptic activity following slow-frequency rTMS. A case study. <i>NeuroReport</i> , 2004, 15, 293-296.	1.2	37
101	Spinal Direct Current Stimulation Modulates Short Intracortical Inhibition. <i>Neuromodulation</i> , 2015, 18, 686-693.	0.8	37
102	Midfrontal theta transcranial alternating current stimulation modulates behavioural adjustment after error execution. <i>European Journal of Neuroscience</i> , 2018, 48, 3159-3170.	2.6	37
103	Toward noninvasive brain stimulation 2.0 in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2022, 75, 101555.	10.9	37
104	The role of cutaneous inputs during magnetic transcranial stimulation. , 1996, 19, 1302-1309.		36
105	Event-related rTMS at encoding affects differently deep and shallow memory traces. <i>NeuroImage</i> , 2010, 53, 325-330.	4.2	36
106	Using the robotic sixth finger and vibrotactile feedback for grasp compensation in chronic stroke patients. , 2015, , .		36
107	A soft supernumerary robotic finger and mobile arm support for grasping compensation and hemiparetic upper limb rehabilitation. <i>Robotics and Autonomous Systems</i> , 2017, 93, 1-12.	5.1	35
108	An unexpected target of spinal direct current stimulation: Interhemispheric connectivity in humans. <i>Journal of Neuroscience Methods</i> , 2015, 254, 18-26.	2.5	34

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109	The heart side of brain neuromodulation. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150187.	3.4	34
110	The neural resource allocation problem when enhancing human bodies with extra robotic limbs. <i>Nature Machine Intelligence</i> , 2021, 3, 850-860.	16.0	34
111	Parallel processing of sensory inputs: an evoked potentials study in Parkinsonian patients implanted with thalamic stimulators. <i>Clinical Neurophysiology</i> , 1999, 110, 146-151.	1.5	33
112	Cortico-Cortical Connectivity between Right Parietal and Bilateral Primary Motor Cortices during Imagined and Observed Actions: A Combined TMS/tDCS Study. <i>Frontiers in Neural Circuits</i> , 2011, 5, 10.	2.8	33
113	[123I]FP-CIT single photon emission computed tomography findings in drug-induced Parkinsonism. <i>Schizophrenia Research</i> , 2012, 139, 40-45.	2.0	32
114	The effect of music on corticospinal excitability is related to the perceived emotion: A transcranial magnetic stimulation study. <i>Cortex</i> , 2013, 49, 702-710.	2.4	32
115	Human augmentation by wearable supernumerary robotic limbs: review and perspectives. <i>Progress in Biomedical Engineering</i> , 2021, 3, 042005.	4.9	31
116	Peculiarities of Functional Connectivityâ€”including Cross-Modal Patternsâ€”in Professional Karate Athletes: Correlations with Cognitive and Motor Performances. <i>Neural Plasticity</i> , 2019, 2019, 1-14.	2.2	30
117	State-Dependent Effects of Transcranial Oscillatory Currents on the Motor System during Action Observation. <i>Scientific Reports</i> , 2019, 9, 12858.	3.3	30
118	Online and offline effects of transcranial alternating current stimulation of the primary motor cortex. <i>Scientific Reports</i> , 2021, 11, 3854.	3.3	29
119	Sensory neural conduction of median nerve from digits and palm stimulation in carpal tunnel syndrome. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1994, 93, 330-334.	2.0	28
120	Clinical relevance and neurophysiological correlates of spasticity in cerebrotendinous xanthomatosis. <i>Journal of Neurology</i> , 2011, 258, 783-790.	3.6	28
121	A dynamic variational multiscale method for viscoelasticity using linear tetrahedral elements. <i>International Journal for Numerical Methods in Engineering</i> , 2017, 112, 1951-2003.	2.8	28
122	Role of the Dorsal Premotor Cortex in Rhythmic Auditory-Motor Entrainment: A Perturbational Approach by rTMS. <i>Cerebral Cortex</i> , 2014, 24, 1009-1016.	2.9	27
123	Human Ventral Parietal Cortex Plays a Functional Role on Visuospatial Attention and Primary Consciousness. A Repetitive Transcranial Magnetic Stimulation Study. <i>Cerebral Cortex</i> , 2007, 17, 1486-1492.	2.9	25
124	Transcallosal inhibition dampens neural responses to high contrast stimuli in human visual cortex. <i>Neuroscience</i> , 2011, 187, 43-51.	2.3	24
125	Psychological and Brain Connectivity Changes Following Trauma-Focused CBT and EMDR Treatment in Single-Episode PTSD Patients. <i>Frontiers in Psychology</i> , 2019, 10, 129.	2.1	24
126	Brain-stem compression in vertebrobasilar dolichoectasia. A multimodal electrophysiological study. <i>Clinical Neurophysiology</i> , 2001, 112, 1531-1539.	1.5	23

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127	Reliability of administrative data for the identification of Parkinson's disease cohorts. <i>Neurological Sciences</i> , 2015, 36, 783-786.	1.9	23
128	Sleep, Noninvasive Brain Stimulation, and the Aging Brain: Challenges and Opportunities. <i>Ageing Research Reviews</i> , 2020, 61, 101067.	10.9	22
129	TMS Interference with Primacy and Recency Mechanisms Reveals Bimodal Episodic Encoding in the Human Brain. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 109-116.	2.3	21
130	Frequency-specific insight into short-term memory capacity. <i>Journal of Neurophysiology</i> , 2016, 116, 153-158.	1.8	21
131	Therapy in Sleep-Related Hypermotor Epilepsy (SHE). <i>Current Treatment Options in Neurology</i> , 2020, 22, 1.	1.8	21
132	Age of Insomnia Onset Correlates with a Reversal of Default Mode Network and Supplementary Motor Cortex Connectivity. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	2.2	20
133	Activity-dependent changes in intrinsic excitability of human spinal motoneurons produced by natural activity. <i>Journal of Neurophysiology</i> , 2012, 108, 2473-2480.	1.8	19
134	Transcranial Random Noise Stimulation Does Not Improve Behavioral and Neurophysiological Measures in Patients with Subacute Vegetative-Unresponsive Wakefulness State (VS-UWS). <i>Frontiers in Human Neuroscience</i> , 2017, 11, 524.	2.0	19
135	Acute and long-lasting cortical thickness changes following intensive first-person action videogame practice. <i>Behavioural Brain Research</i> , 2018, 353, 62-73.	2.2	19
136	Pearls and pitfalls in brain functional analysis by event-related potentials: a narrative review by the Italian Psychophysiology and Cognitive Neuroscience Society on methodological limits and clinical reliability"part I. <i>Neurological Sciences</i> , 2020, 41, 2711-2735.	1.9	19
137	Clinical evidence of fluconazole-induced carbamazepine toxicity. <i>Journal of Neurology</i> , 2004, 251, 622-623.	3.6	18
138	rTMS For PTSD: Induced Merciful Oblivion or Elimination of Abnormal Hypermnnesia?. <i>Behavioural Neurology</i> , 2006, 17, 195-199.	2.1	18
139	Advances in the Neuroscience of Intelligence: from Brain Connectivity to Brain Perturbation. <i>Spanish Journal of Psychology</i> , 2016, 19, E94.	2.1	18
140	Association of plasma YKL-40 with brain amyloid- β^2 levels, memory performance, and sex in subjective memory complainers. <i>Neurobiology of Aging</i> , 2020, 96, 22-32.	3.1	18
141	Impact of network-targeted multichannel transcranial direct current stimulation on intrinsic and network functional connectivity. <i>Journal of Neuroscience Research</i> , 2020, 98, 1843-1856.	2.9	18
142	Stabilization approaches for the hyperelastic immersed boundary method for problems of large-deformation incompressible elasticity. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 365, 112978.	6.6	18
143	Multifocal neural conduction impairment in forestry workers exposed and not exposed to vibration. <i>Clinical Neurophysiology</i> , 1999, 110, 1276-1283.	1.5	17
144	Neurophysiological Correlates of Central Fatigue in Healthy Subjects and Multiple Sclerosis Patients before and after Treatment with Amantadine. <i>Neural Plasticity</i> , 2015, 2015, 1-9.	2.2	17

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145	Cervical and scalp recorded short latency somatosensory evoked potentials in response to epidural spinal cord stimulation in patients with peripheral vascular disease. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1995, 96, 105-113.	2.0	16
146	Individual factors enhance poor health-related quality of life outcome in multiple sclerosis patients. Significance of predictive determinants. <i>Journal of the Neurological Sciences</i> , 2014, 345, 213-219.	0.6	15
147	EEG oscillations during caress-like affective haptic elicitation. <i>Psychophysiology</i> , 2018, 55, e13199.	2.4	15
148	Mindfulness-based stress reduction training modulates striatal and cerebellar connectivity. <i>Journal of Neuroscience Research</i> , 2021, 99, 1236-1252.	2.9	15
149	Assembly of the Cardiac Pacemaking Complex: Electrogenic Principles of Sinoatrial Node Morphogenesis. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 40.	1.6	15
150	Overclock Your Brain for Gaming? Ethical, Social and Health Care Risks. <i>Brain Stimulation</i> , 2013, 6, 713-714.	1.6	14
151	Altered recovery from inhibitory repetitive transcranial magnetic stimulation (rTMS) in subjects with photosensitive epilepsy. <i>Clinical Neurophysiology</i> , 2016, 127, 3353-3361.	1.5	14
152	Functional connectivity changes and symptoms improvement after personalized, double-daily dosing, repetitive transcranial magnetic stimulation in obsessive-compulsive disorder: A pilot study. <i>Journal of Psychiatric Research</i> , 2021, 136, 560-570.	3.1	14
153	Bi-hemispheric effects on corticospinal excitability induced by repeated sessions of imagery versus observation of actions. <i>Restorative Neurology and Neuroscience</i> , 2012, 30, 481-489.	0.7	13
154	Transcranial Alternating Current Stimulation Affects Decision Making. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 39.	2.5	13
155	Network Mapping of Connectivity Alterations in Disorder of Consciousness: Towards Targeted Neuromodulation. <i>Journal of Clinical Medicine</i> , 2020, 9, 828.	2.4	13
156	Frequency of the LRRK2 G2019S mutation in Italian patients affected by Parkinson's disease. <i>Journal of Human Genetics</i> , 2007, 52, 201-204.	2.3	12
157	Impaired interhemispheric processing in early Huntington's Disease: A transcranial magnetic stimulation study. <i>Clinical Neurophysiology</i> , 2016, 127, 1750-1752.	1.5	12
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