

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	One century of healing currents into the brain from the scalp: From electroconvulsive therapy to repetitive transcranial magnetic stimulation for neuropsychiatric disorders. <i>Clinical Neurophysiology</i> , 2022, 133, 145-151.	1.5	7
2	Noninvasive brain stimulation and brain oscillations. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, 184, 239-247.	1.8	7
3	BDNF Val66Met gene polymorphism modulates brain activity following rTMS-induced memory impairment. <i>Scientific Reports</i> , 2022, 12, 176.	3.3	5
4	Mortality of Parkinson's disease in Italy from 1980 to 2015. <i>Neurological Sciences</i> , 2022, 43, 3603-3611.	1.9	7
5	Toward noninvasive brain stimulation 2.0 in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2022, 75, 101555.	10.9	37
6	Embedded Computational Heart Model for External Ventricular Assist Device Investigations. <i>Cardiovascular Engineering and Technology</i> , 2022, 13, 764-782.	1.6	1
7	Emotional Context Shapes the Serial Position Curve. <i>Brain Sciences</i> , 2022, 12, 581.	2.3	1
8	Non-invasive brain stimulation and neuroenhancement. <i>Clinical Neurophysiology Practice</i> , 2022, 7, 146-165.	1.4	51
9	Local and Distributed fMRI Changes Induced by 40%Hz Gamma tACS of the Bilateral Dorsolateral Prefrontal Cortex: A Pilot Study. <i>Neural Plasticity</i> , 2022, 2022, 1-14.	2.2	5
10	Long-lasting connectivity changes induced by intensive first-person shooter gaming. <i>Brain Imaging and Behavior</i> , 2021, 15, 1518-1532.	2.1	9
11	Training in the practice of noninvasive brain stimulation: Recommendations from an IFCN committee. <i>Clinical Neurophysiology</i> , 2021, 132, 819-837.	1.5	38
12	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
13	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
14	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
15	Mindfulness-based stress reduction training modulates striatal and cerebellar connectivity. <i>Journal of Neuroscience Research</i> , 2021, 99, 1236-1252.	2.9	15
16	Online and offline effects of transcranial alternating current stimulation of the primary motor cortex. <i>Scientific Reports</i> , 2021, 11, 3854.	3.3	29
17	Feasibility of TMS in patients with new generation cochlear implants. <i>Clinical Neurophysiology</i> , 2021, 132, 723-729.	1.5	3
18	Overlapping and dissociable brain activations for fluid intelligence and executive functions. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021, 21, 327-346.	2.0	10

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19	Critical adjustment of land mitigation pathways for assessing countries' climate progress. <i>Nature Climate Change</i> , 2021, 11, 425-434.	18.8	61
20	Carbon emissions and removals from forests: new estimates, 1990–2020. <i>Earth System Science Data</i> , 2021, 13, 1681-1691.	9.9	46
21	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
22	Adherens junction engagement regulates functional patterning of the cardiac pacemaker cell lineage. <i>Developmental Cell</i> , 2021, 56, 1498-1511.e7.	7.0	6
23	Integration of a Passive Exoskeleton and a Robotic Supernumerary Finger for Grasping Compensation in Chronic Stroke Patients: The SoftPro Wearable System. <i>Frontiers in Robotics and AI</i> , 2021, 8, 661354.	3.2	6
24	Personalized Adaptive Training Improves Performance at a Professional First-Person Shooter Action Videogame. <i>Frontiers in Psychology</i> , 2021, 12, 598410.	2.1	3
25	Brain Functional Correlates of Episodic Memory Using an Ecological Free Recall Task. <i>Brain Sciences</i> , 2021, 11, 911.	2.3	4
26	Personalised, image-guided, noninvasive brain stimulation in gliomas: Rationale, challenges and opportunities. <i>EBioMedicine</i> , 2021, 70, 103514.	6.1	10
27	Human augmentation by wearable supernumerary robotic limbs: review and perspectives. <i>Progress in Biomedical Engineering</i> , 2021, 3, 042005.	4.9	31
28	Emerging of new bioartificial corticospinal motor synergies using a robotic additional thumb. <i>Scientific Reports</i> , 2021, 11, 18487.	3.3	9
29	rTMS-induced language improvement and brain connectivity changes in logopenic/phonological variant of Primary progressive Aphasia. <i>Clinical Neurophysiology</i> , 2021, 132, 2481-2484.	1.5	4
30	Impact of β -range-induced oscillatory activity on human input-output relationship of the corticospinal pathway. <i>Neurological Research</i> , 2021, 43, 496-502.	1.3	0
31	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
32	A novel tDCS sham approach based on model-driven controlled shunting. <i>Brain Stimulation</i> , 2020, 13, 507-516.	1.6	47
33	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
34	Association of plasma YKL-40 with brain amyloid- β levels, memory performance, and sex in subjective memory complainers. <i>Neurobiology of Aging</i> , 2020, 96, 22-32.	3.1	18
35	Pearl 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 II. <i>Neurological Sciences</i> , 2020, 41, 3503-3515.	1.9	11
36	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

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37	Sleep, Noninvasive Brain Stimulation, and the Aging Brain: Challenges and Opportunities. <i>Ageing Research Reviews</i> , 2020, 61, 101067.	10.9	22
38	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 reliabilityâ€”part I. <i>Neurological Sciences</i> , 2020, 41, 2711-2735.	1.9	19
39	Wearable haptic anklets for gait and freezing improvement in Parkinsonâ€™s disease: a proof-of-concept study. <i>Neurological Sciences</i> , 2020, 41, 3643-3651.	1.9	12
40	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
41	Network Mapping of Connectivity Alterations in Disorder of Consciousness: Towards Targeted Neuromodulation. <i>Journal of Clinical Medicine</i> , 2020, 9, 828.	2.4	13
42	Fluidâ€™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
43	Therapy in Sleep-Related Hypermotor Epilepsy (SHE). <i>Current Treatment Options in Neurology</i> , 2020, 22, 1.	1.8	21
44	Effects of Music Reading on Motor Cortex Excitability in Pianists: A Transcranial Magnetic Stimulation Study. <i>Neuroscience</i> , 2020, 437, 45-53.	2.3	2
45	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
46	State-Dependent Effects of Transcranial Oscillatory Currents on the Motor System during Action Observation. <i>Scientific Reports</i> , 2019, 9, 12858.	3.3	30
47	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
48	Stimuli, presentation modality, and loadâ€™specific brain activity patterns during nâ€™back task. <i>Human Brain Mapping</i> , 2019, 40, 3810-3831.	3.6	65
49	Cross-Modal Audiovisual Modulation of Corticospinal Motor Synergies in Professional Piano Players: A TMS Study during Motor Imagery. <i>Neural Plasticity</i> , 2019, 2019, 1-11.	2.2	4
50	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
51	Gamma tACS over the temporal lobe increases the occurrence of Eureka! moments. <i>Scientific Reports</i> , 2019, 9, 5778.	3.3	45
52	Prospective study of clinical, neurophysiological and urodynamic findings in multiple sclerosis patients undergoing percutaneous transluminal venous angioplasty. <i>Clinical Neurophysiology</i> , 2019, 130, 138-144.	1.5	1
53	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
54	Brain functional connectivity correlates of coping styles. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 495-508.	2.0	51

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55	Dual-scale Galerkin methods for Darcy flow. <i>Journal of Computational Physics</i> , 2018, 354, 111-134.	3.8	2
56	A transmurally heterogeneous orthotropic activation model for ventricular contraction and its numerical validation. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2018, 34, e3137.	2.1	10
57	Thalamic Morphometric Changes Induced by First-Person Action Videogame Training. <i>European Journal of Neuroscience</i> , 2018, 49, 1180-1195.	2.6	8
58	Muscle Thickness and Curvature Influence Atrial Conduction Velocities. <i>Frontiers in Physiology</i> , 2018, 9, 1344.	2.8	8
59	EEG Hyperconnectivity Study on Saxophone Quartet Playing in Ensemble. , 2018, 2018, 1015-1018.		2
60	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
61	Reconciling global-model estimates and country reporting of anthropogenic forest CO2 sinks. <i>Nature Climate Change</i> , 2018, 8, 914-920.	18.8	101
62	EEG oscillations during caress-like affective haptic elicitation. <i>Psychophysiology</i> , 2018, 55, e13199.	2.4	15
63	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
64	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
65	Adaptability and reproducibility of a memory disruption rTMS protocol in the PharmaCog IMI European project. <i>Scientific Reports</i> , 2018, 8, 9371.	3.3	8
66	Functional Connectivity and Genetic Profile of a "Double-Cortex"-Like Malformation. <i>Frontiers in Integrative Neuroscience</i> , 2018, 12, 22.	2.1	11
67	Modulation of network-network connectivity via spike-timing-dependent noninvasive brain stimulation. <i>Human Brain Mapping</i> , 2018, 39, 4870-4883.	3.6	44
68	Integrated Heart-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
69	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
70	Dynamic changes in prefrontal cortex involvement during verbal episodic memory formation. <i>Biological Psychology</i> , 2017, 125, 36-44.	2.2	4
71	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
72	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

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73	Neural correlates of Eureka moment. <i>Intelligence</i> , 2017, 62, 99-118.	3.0	43
74	Incorporating inductances in tissue-scale models of cardiac electrophysiology. <i>Chaos</i> , 2017, 27, 093926.	2.5	12
75	Clinical neurophysiology of prolonged disorders of consciousness: From diagnostic stimulation to therapeutic neuromodulation. <i>Clinical Neurophysiology</i> , 2017, 128, 1629-1646.	1.5	52
76	Network connectivity correlates of variability in fluid intelligence performance. <i>Intelligence</i> , 2017, 65, 35-47.	3.0	55
77	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
78	A magnetic compatible supernumerary robotic finger for functional magnetic resonance imaging (fMRI) acquisitions: Device description and preliminary results. , 2017, 2017, 1177-1182.		8
79	A Humanâ€“Robot Interaction Perspective on Assistive and Rehabilitation Robotics. <i>Frontiers in Neurorobotics</i> , 2017, 11, 24.	2.8	102
80	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
81	Editorial: Non-invasive Brain Stimulation and Plasticity Changes in Aging. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 96.	3.4	1
82	A Worldwide Assessment of Greenhouse Gas Emissions from Drained Organic Soils. <i>Sustainability</i> , 2016, 8, 371.	3.2	63
83	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
84	Individual and sexâ€“related differences in pain and relief responsiveness are associated with differences in restingâ€“state functional networks in healthy volunteers. <i>European Journal of Neuroscience</i> , 2016, 43, 486-493.	2.6	10
85	Advances in the Neuroscience of Intelligence: from Brain Connectivity to Brain Perturbation. <i>Spanish Journal of Psychology</i> , 2016, 19, E94.	2.1	18
86	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
87	Impaired interhemispheric processing in early Huntingtonâ€™s Disease: A transcranial magnetic stimulation study. <i>Clinical Neurophysiology</i> , 2016, 127, 1750-1752.	1.5	12
88	The heart side of brain neuromodulation. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150187.	3.4	34
89	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
90	Frequency-specific insight into short-term memory capacity. <i>Journal of Neurophysiology</i> , 2016, 116, 153-158.	1.8	21

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91	Role of brain hemispheric dominance in anticipatory postural control strategies. <i>Experimental Brain Research</i> , 2016, 234, 1997-2005.	1.5	12
92	Individual differences and specificity of prefrontal gamma frequency-tACS on fluid intelligence capabilities. <i>Cortex</i> , 2016, 75, 33-43.	2.4	110
93	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
94	Intelligence-related differences in the asymmetry of spontaneous cerebral activity. <i>Human Brain Mapping</i> , 2015, 36, 3586-3602.	3.6	53
95	Spinal Direct Current Stimulation Modulates Short Intracortical Inhibition. <i>Neuromodulation</i> , 2015, 18, 686-693.	0.8	37
96	Electroencephalographic spectral correlates of caress-like affective haptic stimuli. , 2015, 2015, 4733-6.		3
97	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
98	Using the robotic sixth finger and vibrotactile feedback for grasp compensation in chronic stroke patients. , 2015, , .		36
99	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
100	A Three-dimensional Continuum Model of Active Contraction in Single Cardiomyocytes. <i>Modeling, Simulation and Applications</i> , 2015, , 157-176.	1.3	7
101	Reliability of administrative data for the identification of Parkinson's disease cohorts. <i>Neurological Sciences</i> , 2015, 36, 783-786.	1.9	23
102	Pisa syndrome in Parkinson disease. <i>Neurology</i> , 2015, 85, 1769-1779.	1.1	72
103	No effects of 20ÂHz-rTMS of the primary motor cortex in vegetative state: A randomised, sham-controlled study. <i>Cortex</i> , 2015, 71, 368-376.	2.4	58
104	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
105	The olfactory side of Parkinson disease. <i>Neurology</i> , 2015, 85, 1266-1267.	1.1	4
106	The smarter, the stronger: Intelligence level correlates with brain resilience to systematic insults. <i>Cortex</i> , 2015, 64, 293-309.	2.4	77
107	Congenital mirror movements. <i>Neurology</i> , 2014, 82, 1999-2002.	1.1	52
108	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

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109	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
110	Efficiency of weak brain connections support general cognitive functioning. <i>Human Brain Mapping</i> , 2014, 35, 4566-4582.	3.6	151
111	Evidence for metaplasticity in the human visual cortex. <i>Journal of Neural Transmission</i> , 2014, 121, 221-231.	2.8	52
112	Mathematical modelling of active contraction in isolated cardiomyocytes. <i>Mathematical Medicine and Biology</i> , 2014, 31, 259-283.	1.2	52
113	Differential effects of acute cortisol administration on deep and shallow episodic memory traces: A study on healthy males. <i>Neurobiology of Learning and Memory</i> , 2014, 114, 186-192.	1.9	1
114	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
115	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
116	Jitter of Corticospinal Neurons During Repetitive Transcranial Magnetic Stimulation. Method and Possible Clinical Implications. <i>Brain Stimulation</i> , 2014, 7, 580-586.	1.6	8
117	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
118	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
119	Frequency-Dependent Enhancement of Fluid Intelligence Induced by Transcranial Oscillatory Potentials. <i>Current Biology</i> , 2013, 23, 1449-1453.	3.9	189
120	Overclock Your Brain for Gaming? Ethical, Social and Health Care Risks. <i>Brain Stimulation</i> , 2013, 6, 713-714.	1.6	14
121	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
122	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
123	Systemic thrombolysis for stroke in pregnancy. <i>American Journal of Emergency Medicine</i> , 2013, 31, 448.e1-448.e3.	1.6	42
124	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
125	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
126	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

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127	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
128	A clinically silent, but severe, duodenal complication of duodopa infusion: Figure 1. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 668-670.	1.9	8
129	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
130	A practical guide to diagnostic transcranial magnetic stimulation: Report of an IFCN committee. <i>Clinical Neurophysiology</i> , 2012, 123, 858-882.	1.5	944
131	Transcranial Alternating Current Stimulation Affects Decision Making. <i>Frontiers in Systems Neuroscience</i> , 2012, 6, 39.	2.5	13
132	Brains "in concert": Frontal oscillatory alpha rhythms and empathy in professional musicians. <i>NeuroImage</i> , 2012, 60, 105-116.	4.2	105
133	[123I]FP-CIT single photon emission computed tomography findings in drug-induced Parkinsonism. <i>Schizophrenia Research</i> , 2012, 139, 40-45.	2.0	32
134	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
135	Higher cognitive functions: memory and reasoning. , 2012, , .		2
136	Safety of Transcranial Magnetic Stimulation. <i>Frontiers in Neuroscience</i> , 2012, , 415-425.	0.0	0
137	Screening questionnaire before TMS: An update. <i>Clinical Neurophysiology</i> , 2011, 122, 1686.	1.5	456
138	Simultaneous recording of electroencephalographic data in musicians playing in ensemble. <i>Cortex</i> , 2011, 47, 1082-1090.	2.4	70
139	Transcallosal inhibition dampens neural responses to high contrast stimuli in human visual cortex. <i>Neuroscience</i> , 2011, 187, 43-51.	2.3	24
140	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
141	Clinical relevance and neurophysiological correlates of spasticity in cerebrotendinous xanthomatosis. <i>Journal of Neurology</i> , 2011, 258, 783-790.	3.6	28
142	Temporal Dynamics of Memory Trace Formation in the Human Prefrontal Cortex. <i>Cerebral Cortex</i> , 2011, 21, 368-373.	2.9	39
143	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
144	Effects of immunotherapy on motor cortex excitability in Stiff Person Syndrome. <i>Journal of Neurology</i> , 2010, 257, 281-285.	3.6	3

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145	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
146	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
147	Event-related rTMS at encoding affects differently deep and shallow memory traces. <i>NeuroImage</i> , 2010, 53, 325-330.	4.2	36
148	The role of the left inferior frontal gyrus in episodic encoding of faces: An interference study by repetitive transcranial magnetic stimulation. <i>Cognitive Neuroscience</i> , 2010, 1, 118-125.	1.4	7
149	Dysfunctions of Cortical Excitability in Drug-Naïve Posttraumatic Stress Disorder Patients. <i>Biological Psychiatry</i> , 2009, 66, 54-61.	1.3	57
150	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
151	New perspectives on techniques for the clinical psychiatrist: Brain stimulation, chronobiology and psychiatric brain imaging. <i>Psychiatry and Clinical Neurosciences</i> , 2008, 62, 627-637.	1.8	2
152	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
153	Natural history of vertebrobasilar dolichoectasia. <i>Neurology</i> , 2008, 70, 66-72.	1.1	183
154	Contact forces evoked by transcranial magnetic stimulation of the motor cortex in a multi-finger grasp. <i>Brain Research Bulletin</i> , 2008, 75, 723-736.	3.0	6
155	Editorial. <i>Brain Research Bulletin</i> , 2008, 75, 715-716.	3.0	0
156	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
157	Distinct Olfactory Cross-Modal Effects on the Human Motor System. <i>PLoS ONE</i> , 2008, 3, e1702.	2.5	41
158	Human-Robotics Interface for the Interaction with Cognitive and Emotional Human Domains. , 2007, , .		0
159	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
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