

Alvaro Pascual-Leone

List of Publications by Year in descending order

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844
papers

97,601
citations

177

153
h-index

407

277
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874
all docs

874
docs citations

874
times ranked

42420
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.	0.7	4,364
2	Transcranial direct current stimulation: State of the art 2008. <i>Brain Stimulation</i> , 2008, 1, 206-223.	0.7	2,538
3	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.	0.7	1,957
4	Resting-state connectivity biomarkers define neurophysiological subtypes of depression. <i>Nature Medicine</i> , 2017, 23, 28-38.	15.2	1,554
5	THE PLASTIC HUMAN BRAIN CORTEX. <i>Annual Review of Neuroscience</i> , 2005, 28, 377-401.	5.0	1,452
6	Î-Band Electroencephalographic Activity over Occipital Cortex Indexes Visuospatial Attention Bias and Predicts Visual Target Detection. <i>Journal of Neuroscience</i> , 2006, 26, 9494-9502.	1.7	1,303
7	Responses to rapid-rate transcranial magnetic stimulation of the human motor cortex. <i>Brain</i> , 1994, 117, 847-858.	3.7	1,255
8	Activation of the primary visual cortex by Braille reading in blind subjects. <i>Nature</i> , 1996, 380, 526-528.	13.7	1,170
9	Clinical research with transcranial direct current stimulation (tDCS): Challenges and future directions. <i>Brain Stimulation</i> , 2012, 5, 175-195.	0.7	1,122
10	Rapid-rate transcranial magnetic stimulation of left dorsolateral prefrontal cortex in drug-resistant depression. <i>Lancet, The</i> , 1996, 348, 233-237.	6.3	1,102
11	Transcranial magnetic stimulation in neurology. <i>Lancet Neurology, The</i> , 2003, 2, 145-156.	4.9	1,054
12	Anodal transcranial direct current stimulation of prefrontal cortex enhances working memory. <i>Experimental Brain Research</i> , 2005, 166, 23-30.	0.7	1,000
13	Functional relevance of cross-modal plasticity in blind humans. <i>Nature</i> , 1997, 389, 180-183.	13.7	920
14	Diminishing Reciprocal Fairness by Disrupting the Right Prefrontal Cortex. <i>Science</i> , 2006, 314, 829-832.	6.0	910
15	Harnessing neuroplasticity for clinical applications. <i>Brain</i> , 2011, 134, 1591-1609.	3.7	907
16	Efficacy of Transcranial Magnetic Stimulation Targets for Depression Is Related to Intrinsic Functional Connectivity with the Subgenual Cingulate. <i>Biological Psychiatry</i> , 2012, 72, 595-603.	0.7	828
17	Transcranial magnetic stimulation in cognitive neuroscience – virtual lesion, chronometry, and functional connectivity. <i>Current Opinion in Neurobiology</i> , 2000, 10, 232-237.	2.0	808
18	The Role of Area 17 in Visual Imagery: Convergent Evidence from PET and rTMS. <i>Science</i> , 1999, 284, 167-170.	6.0	803

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19	Fast Backprojections from the Motion to the Primary Visual Area Necessary for Visual Awareness. <i>Science</i> , 2001, 292, 510-512.	6.0	784
20	Low intensity transcranial electric stimulation: Safety, ethical, legal regulatory and application guidelines. <i>Clinical Neurophysiology</i> , 2017, 128, 1774-1809.	0.7	783
21	Noninvasive Human Brain Stimulation. <i>Annual Review of Biomedical Engineering</i> , 2007, 9, 527-565.	5.7	734
22	Modulation of cortical motor output maps during development of implicit and explicit knowledge. <i>Science</i> , 1994, 263, 1287-1289.	6.0	714
23	Study and Modulation of Human Cortical Excitability With Transcranial Magnetic Stimulation. <i>Journal of Clinical Neurophysiology</i> , 1998, 15, 333-343.	0.9	708
24	Technology Insight: noninvasive brain stimulation in neurology—perspectives on the therapeutic potential of rTMS and tDCS. <i>Nature Clinical Practice Neurology</i> , 2007, 3, 383-393.	2.7	681
25	Spontaneous Fluctuations in Posterior α -Band EEG Activity Reflect Variability in Excitability of Human Visual Areas. <i>Cerebral Cortex</i> , 2008, 18, 2010-2018.	1.6	628
26	Modulation of corticospinal excitability by repetitive transcranial magnetic stimulation. <i>Clinical Neurophysiology</i> , 2000, 111, 800-805.	0.7	624
27	Neural reorganization following sensory loss: the opportunity of change. <i>Nature Reviews Neuroscience</i> , 2010, 11, 44-52.	4.9	613
28	A sham-controlled, phase II trial of transcranial direct current stimulation for the treatment of central pain in traumatic spinal cord injury. <i>Pain</i> , 2006, 122, 197-209.	2.0	608
29	Human motor evoked responses to paired transcranial magnetic stimuli. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1992, 85, 355-364.	2.0	585
30	Plasticity of the sensorimotor cortex representation of the reading finger in Braille readers. <i>Brain</i> , 1993, 116, 39-52.	3.7	585
31	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.	0.7	553
32	Effects of transcranial direct current stimulation on working memory in patients with Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2006, 249, 31-38.	0.3	551
33	Transcranial direct current stimulation of the unaffected hemisphere in stroke patients. <i>NeuroReport</i> , 2005, 16, 1551-1555.	0.6	549
34	Interindividual variability of the modulatory effects of repetitive transcranial magnetic stimulation on cortical excitability. <i>Experimental Brain Research</i> , 2000, 133, 425-430.	0.7	536
35	Noninvasive Deep Brain Stimulation via Temporally Interfering Electric Fields. <i>Cell</i> , 2017, 169, 1029-1041.e16.	13.5	536
36	Improved picture naming in chronic aphasia after TMS to part of right Broca's area: An open-protocol study. <i>Brain and Language</i> , 2005, 93, 95-105.	0.8	533

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37	Consensus: Motor cortex plasticity protocols. <i>Brain Stimulation</i> , 2008, 1, 164-182.	0.7	529
38	Enhanced visual spatial attention ipsilateral to rTMS-induced 'virtual lesions' of human parietal cortex. <i>Nature Neuroscience</i> , 2001, 4, 953-957.	7.1	528
39	Microstates in resting-state EEG: Current status and future directions. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 49, 105-113.	2.9	526
40	Linking Out-of-Body Experience and Self Processing to Mental Own-Body Imagery at the Temporoparietal Junction. <i>Journal of Neuroscience</i> , 2005, 25, 550-557.	1.7	525
41	Transcranial direct current stimulation: A computer-based human model study. <i>NeuroImage</i> , 2007, 35, 1113-1124.	2.1	502
42	Focused ultrasound modulates region-specific brain activity. <i>NeuroImage</i> , 2011, 56, 1267-1275.	2.1	494
43	A randomized, sham-controlled, proof of principle study of transcranial direct current stimulation for the treatment of pain in fibromyalgia. <i>Arthritis and Rheumatism</i> , 2006, 54, 3988-3998.	6.7	486
44	Resting-state networks link invasive and noninvasive brain stimulation across diverse psychiatric and neurological diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4367-75.	3.3	486
45	The Clinical TMS Society Consensus Review and Treatment Recommendations for TMS Therapy for Major Depressive Disorder. <i>Brain Stimulation</i> , 2016, 9, 336-346.	0.7	467
46	A Sham-Controlled Trial of a 5-Day Course of Repetitive Transcranial Magnetic Stimulation of the Unaffected Hemisphere in Stroke Patients. <i>Stroke</i> , 2006, 37, 2115-2122.	1.0	462
47	Disruption of the right temporoparietal junction with transcranial magnetic stimulation reduces the role of beliefs in moral judgments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6753-6758.	3.3	460
48	Screening questionnaire before TMS: An update. <i>Clinical Neurophysiology</i> , 2011, 122, 1686.	0.7	456
49	A randomized, double-blind clinical trial on the efficacy of cortical direct current stimulation for the treatment of major depression. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 249-254.	1.0	442
50	Disruption of Right Prefrontal Cortex by Low-Frequency Repetitive Transcranial Magnetic Stimulation Induces Risk-Taking Behavior. <i>Journal of Neuroscience</i> , 2006, 26, 6469-6472.	1.7	434
51	Current concepts in procedural consolidation. <i>Nature Reviews Neuroscience</i> , 2004, 5, 576-582.	4.9	430
52	Longitudinal Changes of Resting-State Functional Connectivity During Motor Recovery After Stroke. <i>Stroke</i> , 2011, 42, 1357-1362.	1.0	416
53	Awareness Modifies the Skill-Learning Benefits of Sleep. <i>Current Biology</i> , 2004, 14, 208-212.	1.8	415
54	Diminishing Risk-Taking Behavior by Modulating Activity in the Prefrontal Cortex: A Direct Current Stimulation Study. <i>Journal of Neuroscience</i> , 2007, 27, 12500-12505.	1.7	414

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55	Chapter 27 The metamodal organization of the brain. <i>Progress in Brain Research</i> , 2001, 134, 427-445.	0.9	411
56	Treatment of major depression with transcranial direct current stimulation. <i>Bipolar Disorders</i> , 2006, 8, 203-204.	1.1	405
57	Treatment of depression with transcranial direct current stimulation (tDCS): A Review. <i>Experimental Neurology</i> , 2009, 219, 14-19.	2.0	402
58	Transcranial magnetic stimulation: studying the brain-behaviour relationship by induction of "virtual lesions". <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1229-1238.	1.8	374
59	Antibody against early driver of neurodegeneration cis P-tau blocks brain injury and tauopathy. <i>Nature</i> , 2015, 523, 431-436.	13.7	374
60	Phase-specific modulation of cortical motor output during movement observation. <i>NeuroReport</i> , 2001, 12, 1489-1492.	0.6	371
61	Network localization of neurological symptoms from focal brain lesions. <i>Brain</i> , 2015, 138, 3061-3075.	3.7	364
62	Noninvasive cortical stimulation with transcranial direct current stimulation in Parkinson's disease. <i>Movement Disorders</i> , 2006, 21, 1693-1702.	2.2	363
63	Modulation of motor cortical outputs to the reading hand of braille readers. <i>Annals of Neurology</i> , 1993, 34, 33-37.	2.8	360
64	Shape conveyed by visual-to-auditory sensory substitution activates the lateral occipital complex. <i>Nature Neuroscience</i> , 2007, 10, 687-689.	7.1	359
65	Repeated sessions of noninvasive brain DC stimulation is associated with motor function improvement in stroke patients. <i>Restorative Neurology and Neuroscience</i> , 2007, 25, 123-9.	0.4	357
66	Motor Facilitation While Observing Hand Actions: Specificity of the Effect and Role of Observer's Orientation. <i>Journal of Neurophysiology</i> , 2002, 87, 1329-1335.	0.9	354
67	Activation of Prefrontal Cortex by Transcranial Direct Current Stimulation Reduces Appetite for Risk during Ambiguous Decision Making. <i>Journal of Neuroscience</i> , 2007, 27, 6212-6218.	1.7	350
68	State-Dependency of Transcranial Magnetic Stimulation. <i>Brain Topography</i> , 2008, 21, 1-10.	0.8	346
69	State of the art: Pharmacologic effects on cortical excitability measures tested by transcranial magnetic stimulation. <i>Brain Stimulation</i> , 2008, 1, 151-163.	0.7	342
70	Fundamentals of transcranial electric and magnetic stimulation dose: Definition, selection, and reporting practices. <i>Brain Stimulation</i> , 2012, 5, 435-453.	0.7	339
71	Language processing in the occipital cortex of congenitally blind adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4429-4434.	3.3	337
72	A Review of Combined TMS-EEG Studies to Characterize Lasting Effects of Repetitive TMS and Assess Their Usefulness in Cognitive and Clinical Neuroscience. <i>Brain Topography</i> , 2010, 22, 219-232.	0.8	334

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73	Prospective Validation That Subgenual Connectivity Predicts Antidepressant Efficacy of Transcranial Magnetic Stimulation Sites. <i>Biological Psychiatry</i> , 2018, 84, 28-37.	0.7	323
74	Characterizing Brain Cortical Plasticity and Network Dynamics Across the Age-Span in Health and Disease with TMS-EEG and TMS-fMRI. <i>Brain Topography</i> , 2011, 24, 302-315.	0.8	318
75	Self-recognition and the right prefrontal cortex. <i>Trends in Cognitive Sciences</i> , 2000, 4, 338-344.	4.0	317
76	Measuring and manipulating brain connectivity with resting state functional connectivity magnetic resonance imaging (fcMRI) and transcranial magnetic stimulation (TMS). <i>NeuroImage</i> , 2012, 62, 2232-2243.	2.1	315
77	Prefrontal cortex modulation using transcranial DC stimulation reduces alcohol craving: A double-blind, sham-controlled study. <i>Drug and Alcohol Dependence</i> , 2008, 92, 55-60.	1.6	313
78	Studies in Cognition: The Problems Solved and Created by Transcranial Magnetic Stimulation. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 948-960.	1.1	312
79	Using non-invasive brain stimulation to augment motor training-induced plasticity. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2009, 6, 8.	2.4	301
80	Consensus paper: Combining transcranial stimulation with neuroimaging. <i>Brain Stimulation</i> , 2009, 2, 58-80.	0.7	299
81	Optimization of multifocal transcranial current stimulation for weighted cortical pattern targeting from realistic modeling of electric fields. <i>NeuroImage</i> , 2014, 89, 216-225.	2.1	289
82	Rapid modulation of human cortical motor outputs following ischaemic nerve block. <i>Brain</i> , 1993, 116, 511-525.	3.7	288
83	Self-recognition and the right hemisphere. <i>Nature</i> , 2001, 409, 305-305.	13.7	278
84	Clinical utility and prospective of TMS-EEG. <i>Clinical Neurophysiology</i> , 2019, 130, 802-844.	0.7	276
85	Identification of reproducible individualized targets for treatment of depression with TMS based on intrinsic connectivity. <i>NeuroImage</i> , 2013, 66, 151-160.	2.1	275
86	Effects of tDCS on motor learning and memory formation: A consensus and critical position paper. <i>Clinical Neurophysiology</i> , 2017, 128, 589-603.	0.7	275
87	Cortical Stimulation of the Prefrontal Cortex With Transcranial Direct Current Stimulation Reduces Cue-Provoked Smoking Craving. <i>Journal of Clinical Psychiatry</i> , 2008, 69, 32-40.	1.1	272
88	Impaired motor facilitation during action observation in individuals with autism spectrum disorder. <i>Current Biology</i> , 2005, 15, R84-R85.	1.8	271
89	Three-Dimensional Head Model Simulation of Transcranial Magnetic Stimulation. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1586-1598.	2.5	264
90	Recent advances in the treatment of chronic pain with non-invasive brain stimulation techniques. <i>Lancet Neurology</i> , The, 2007, 6, 188-191.	4.9	261

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91	Modulation of large-scale brain networks by transcranial direct current stimulation evidenced by resting-state functional MRI. <i>Brain Stimulation</i> , 2012, 5, 252-263.	0.7	261
92	Effectiveness of transcranial direct current stimulation and visual illusion on neuropathic pain in spinal cord injury. <i>Brain</i> , 2010, 133, 2565-2577.	3.7	258
93	Transcranial magnetic stimulation in basic and clinical neuroscience: A comprehensive review of fundamental principles and novel insights. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 381-404.	2.9	256
94	Transcranial direct current stimulation of the prefrontal cortex modulates the desire for specific foods. <i>Appetite</i> , 2008, 51, 34-41.	1.8	252
95	A Controlled Clinical Trial of Cathodal DC Polarization in Patients with Refractory Epilepsy. <i>Epilepsia</i> , 2006, 47, 335-342.	2.6	247
96	Cerebellar-Prefrontal Network Connectivity and Negative Symptoms in Schizophrenia. <i>American Journal of Psychiatry</i> , 2019, 176, 512-520.	4.0	245
97	Transcranial magnetic stimulation modulates the brain's intrinsic activity in a frequency-dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 21229-21234.	3.3	243
98	Repetitive TMS over posterior STS disrupts perception of biological motion. <i>Vision Research</i> , 2005, 45, 2847-2853.	0.7	240
99	Has repetitive transcranial magnetic stimulation (rTMS) treatment for depression improved? A systematic review and meta-analysis comparing the recent vs. the earlier rTMS studies. <i>Acta Psychiatrica Scandinavica</i> , 2007, 116, 165-173.	2.2	233
100	Off-line learning of motor skill memory: A double dissociation of goal and movement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18237-18241.	3.3	228
101	One session of high frequency repetitive transcranial magnetic stimulation (rTMS) to the right prefrontal cortex transiently reduces cocaine craving. <i>Drug and Alcohol Dependence</i> , 2007, 86, 91-94.	1.6	228
102	Meta-analysis of the effects of repetitive transcranial magnetic stimulation (rTMS) on negative and positive symptoms in schizophrenia. <i>Schizophrenia Research</i> , 2009, 108, 11-24.	1.1	226
103	Reciprocal modulation and attenuation in the prefrontal cortex: An fMRI study on emotional-cognitive interaction. <i>Human Brain Mapping</i> , 2004, 21, 202-212.	1.9	225
104	Consensus: Can transcranial direct current stimulation and transcranial magnetic stimulation enhance motor learning and memory formation?. <i>Brain Stimulation</i> , 2008, 1, 363-369.	0.7	225
105	Rapid and Reversible Recruitment of Early Visual Cortex for Touch. <i>PLoS ONE</i> , 2008, 3, e3046.	1.1	225
106	Degree of language lateralization determines susceptibility to unilateral brain lesions. <i>Nature Neuroscience</i> , 2002, 5, 695-699.	7.1	219
107	A randomized clinical trial of repetitive transcranial magnetic stimulation in patients with refractory epilepsy. <i>Annals of Neurology</i> , 2006, 60, 447-455.	2.8	219
108	Safety of rTMS to non-motor cortical areas in healthy participants and patients. <i>Clinical Neurophysiology</i> , 2006, 117, 455-471.	0.7	218

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109	Efficacy of repetitive transcranial magnetic stimulation/transcranial direct current stimulation in cognitive neurorehabilitation. <i>Brain Stimulation</i> , 2008, 1, 326-336.	0.7	218
110	Left hand advantage in a self-face recognition task. <i>Neuropsychologia</i> , 1999, 37, 1421-1425.	0.7	215
111	Cognitive effects of repeated sessions of transcranial direct current stimulation in patients with depression. <i>Depression and Anxiety</i> , 2006, 23, 482-484.	2.0	215
112	The Uncertain Outcome of Prefrontal tDCS. <i>Brain Stimulation</i> , 2014, 7, 773-783.	0.7	212
113	Cortical plasticity associated with Braille learning. <i>Trends in Cognitive Sciences</i> , 1998, 2, 168-174.	4.0	209
114	The "when" pathway of the right parietal lobe. <i>Trends in Cognitive Sciences</i> , 2007, 11, 204-210.	4.0	209
115	Concepts Are More than Percepts: The Case of Action Verbs. <i>Journal of Neuroscience</i> , 2008, 28, 11347-11353.	1.7	208
116	Off-Line Learning and the Primary Motor Cortex. <i>Journal of Neuroscience</i> , 2005, 25, 6372-6378.	1.7	207
117	Subthreshold low frequency repetitive transcranial magnetic stimulation selectively decreases facilitation in the motor cortex. <i>Clinical Neurophysiology</i> , 2002, 113, 101-107.	0.7	205
118	Effect of repetitive TMS and fluoxetine on cognitive function in patients with Parkinson's disease and concurrent depression. <i>Movement Disorders</i> , 2005, 20, 1178-1184.	2.2	205
119	Studying the Neurobiology of Social Interaction with Transcranial Direct Current Stimulation—The Example of Punishing Unfairness. <i>Cerebral Cortex</i> , 2008, 18, 1987-1990.	1.6	203
120	Postexercise depression of motor evoked potentials: a measure of central nervous system fatigue. <i>Experimental Brain Research</i> , 1993, 93, 181-4.	0.7	201
121	The Brain That Plays Music and Is Changed by It. <i>Annals of the New York Academy of Sciences</i> , 2001, 930, 315-329.	1.8	199
122	Transient tinnitus suppression induced by repetitive transcranial magnetic stimulation and transcranial direct current stimulation. <i>European Journal of Neurology</i> , 2006, 13, 996-1001.	1.7	198
123	Can noninvasive brain stimulation enhance cognition in neuropsychiatric disorders?. <i>Neuropharmacology</i> , 2013, 64, 566-578.	2.0	198
124	Ipsilateral motor cortex activation on functional magnetic resonance imaging during unilateral hand movements is related to interhemispheric interactions. <i>NeuroImage</i> , 2003, 20, 2259-2270.	2.1	197
125	Negative BOLD Differentiates Visual Imagery and Perception. <i>Neuron</i> , 2005, 48, 859-872.	3.8	197
126	Predictors of antidepressant response in clinical trials of transcranial magnetic stimulation. <i>International Journal of Neuropsychopharmacology</i> , 2006, 9, 641.	1.0	196

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127	Safety of Theta Burst Transcranial Magnetic Stimulation: A Systematic Review of the Literature. <i>Journal of Clinical Neurophysiology</i> , 2011, 28, 67-74.	0.9	195
128	Contribution of axonal orientation to pathway-dependent modulation of excitatory transmission by direct current stimulation in isolated rat hippocampus. <i>Journal of Neurophysiology</i> , 2012, 107, 1881-1889.	0.9	195
129	The role of the dorsolateral prefrontal cortex in implicit procedural learning. <i>Experimental Brain Research</i> , 1996, 107, 479-85.	0.7	187
130	A human brain network derived from coma-causing brainstem lesions. <i>Neurology</i> , 2016, 87, 2427-2434.	1.5	187
131	Age-Related Differences in Movement Representation. <i>NeuroImage</i> , 2002, 17, 1720-1728.	2.1	186
132	Feeling by Sight or Seeing by Touch?. <i>Neuron</i> , 2004, 42, 173-179.	3.8	183
133	Postoperative Delirium and Postoperative Cognitive Dysfunction. <i>Anesthesiology</i> , 2019, 131, 477-491.	1.3	183
134	Distinct Symptom-Specific Treatment Targets for Circuit-Based Neuromodulation. <i>American Journal of Psychiatry</i> , 2020, 177, 435-446.	4.0	183
135	Locating the Motor Cortex on the MRI with Transcranial Magnetic Stimulation and PET. <i>NeuroImage</i> , 1996, 3, 1-9.	2.1	179
136	Modulation of input-output curves by low and high frequency repetitive transcranial magnetic stimulation of the motor cortex. <i>Clinical Neurophysiology</i> , 2002, 113, 1249-1257.	0.7	179
137	Cortical motor representation of the ipsilateral hand and arm. <i>Experimental Brain Research</i> , 1994, 100, 121-32.	0.7	177
138	Modulation of risk-taking in marijuana users by transcranial direct current stimulation (tDCS) of the dorsolateral prefrontal cortex (DLPFC). <i>Drug and Alcohol Dependence</i> , 2010, 112, 220-225.	1.6	177
139	Modulation of premotor mirror neuron activity during observation of unpredictable grasping movements. <i>European Journal of Neuroscience</i> , 2004, 20, 2193-2202.	1.2	176
140	Safety and tolerability of repetitive transcranial magnetic stimulation in patients with epilepsy: a review of the literature. <i>Epilepsy and Behavior</i> , 2007, 10, 521-528.	0.9	176
141	Reorganization of human cortical motor output maps following traumatic forearm amputation. <i>NeuroReport</i> , 1996, 7, 2068-2070.	0.6	175
142	Finding the imposter: brain connectivity of lesions causing delusional misidentifications. <i>Brain</i> , 2017, 140, 497-507.	3.7	175
143	Transcranial Magnetic Stimulation as a Complementary Treatment for Aphasia. <i>Seminars in Speech and Language</i> , 2004, 25, 181-191.	0.5	174
144	Transcranial magnetic stimulation and neuroplasticity. <i>Neuropsychologia</i> , 1998, 37, 207-217.	0.7	172

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145	Abnormalities of spatial and temporal sensory discrimination in writer's cramp. <i>Movement Disorders</i> , 2001, 16, 94-99.	2.2	172
146	Inter- and intra-individual variability of paired-pulse curves with transcranial magnetic stimulation (TMS). <i>Clinical Neurophysiology</i> , 2002, 113, 376-382.	0.7	171
147	The Dynamics of Interhemispheric Compensatory Processes in Mental Imagery. <i>Science</i> , 2005, 308, 702-704.	6.0	171
148	The Right Brain Hypothesis for Obesity. <i>JAMA - Journal of the American Medical Association</i> , 2007, 297, 1819.	3.8	170
149	Brain Cortical Activation during Guitar-Induced Hand Dystonia Studied by Functional MRI. <i>NeuroImage</i> , 2000, 12, 257-267.	2.1	169
150	EFFECTS OF FOCAL TRANSCRANIAL MAGNETIC STIMULATION ON SIMPLE REACTION TIME TO ACOUSTIC, VISUAL AND SOMATOSENSORY STIMULI. <i>Brain</i> , 1992, 115, 1045-1059.	3.7	168
151	Increased variability of paced finger tapping accuracy following repetitive magnetic stimulation of the cerebellum in humans. <i>Neuroscience Letters</i> , 2001, 306, 29-32.	1.0	166
152	Improved naming after TMS treatments in a chronic, global aphasia patient " case report. <i>Neurocase</i> , 2005, 11, 182-193.	0.2	166
153	Transcranial Magnetic Stimulation. , 2003, , .		164
154	Grammatical Distinctions in the Left Frontal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 713-720.	1.1	162
155	Noninvasive Brain Stimulation With High-Frequency and Low-Intensity Repetitive Transcranial Magnetic Stimulation Treatment for Posttraumatic Stress Disorder. <i>Journal of Clinical Psychiatry</i> , 2010, 71, 992-999.	1.1	162
156	Intermittent Theta-Burst Stimulation of the Lateral Cerebellum Increases Functional Connectivity of the Default Network. <i>Journal of Neuroscience</i> , 2014, 34, 12049-12056.	1.7	161
157	What blindness can tell us about seeing again: merging neuroplasticity and neuroprostheses. <i>Nature Reviews Neuroscience</i> , 2005, 6, 71-77.	4.9	160
158	Conscious Brain-to-Brain Communication in Humans Using Non-Invasive Technologies. <i>PLoS ONE</i> , 2014, 9, e105225.	1.1	160
159	Alexia for Braille following bilateral occipital stroke in an early blind woman. <i>NeuroReport</i> , 2000, 11, 237-240.	0.6	159
160	Overt naming fMRI pre- and post-TMS: Two nonfluent aphasia patients, with and without improved naming post-TMS. <i>Brain and Language</i> , 2009, 111, 20-35.	0.8	158
161	Modulation of smoking and decision-making behaviors with transcranial direct current stimulation in tobacco smokers: A preliminary study. <i>Drug and Alcohol Dependence</i> , 2014, 140, 78-84.	1.6	156
162	Reliability of Resting-State Microstate Features in Electroencephalography. <i>PLoS ONE</i> , 2014, 9, e114163.	1.1	156

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