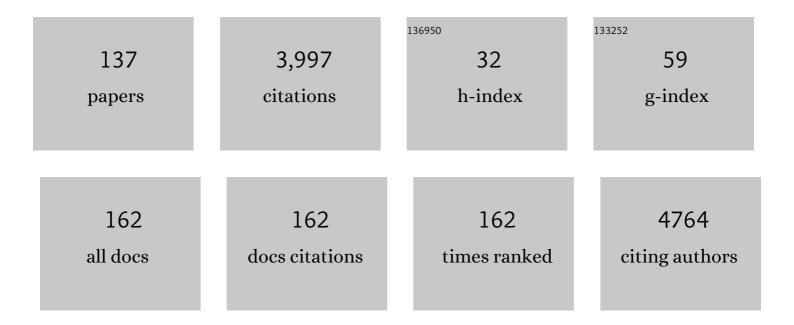
List of Publications by Year in descending order

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RVOUHELISHU

#	Article	IF	CITATIONS
1	Normalized Power Variance: A new Field Orthogonal to Power in EEG Analysis. Clinical EEG and Neuroscience, 2023, 54, 611-619.	1.7	2
2	Parietal Gamma Band Oscillation Induced by Self-Hand Recognition. Brain Sciences, 2022, 12, 272.	2.3	0
3	Editorial: High Frequency Brain Signals: From Basic Research to Clinical Application. Frontiers in Human Neuroscience, 2022, 16, 872478.	2.0	0
4	Disentangling cognitive inflexibility in major depressive disorder: A transcranial direct current stimulation study. Psychiatry and Clinical Neurosciences, 2022, 76, 329-337.	1.8	4
5	Special Report on the Impact of the COVID-19 Pandemic on Clinical EEG and Research and Consensus Recommendations for the Safe Use of EEG. Clinical EEG and Neuroscience, 2021, 52, 3-28.	1.7	13
6	Development of an assessment scale for engagement in activities for patients with moderate to severe dementia. Psychogeriatrics, 2021, 21, 368-377.	1.2	2
7	Individual vulnerabilities to psychosis after antiepileptic drug administration. BMJ Neurology Open, 2020, 2, e000036.	1.6	3
8	Effect of Alzheimer's disease severity on upper limb function. Psychogeriatrics, 2020, 20, 802-804.	1.2	2
9	Normalized power variance of eLORETA at high-convexity area predicts shunt response in idiopathic normal pressure hydrocephalus. Scientific Reports, 2020, 10, 13054.	3.3	3
10	The efficacy of specialised rehabilitation using the Op-reha Guide for cancer patients in palliative care units: protocol of a multicentre, randomised controlled trial (JORTC-RHB02). BMC Palliative Care, 2020, 19, 164.	1.8	4
11	Alpha frequency rTMS modulates theta lagged nonlinear connectivity in dorsal attention network. Brain Research Bulletin, 2020, 162, 271-281.	3.0	6
12	EEG connectivity as the possible endophenotype in adult ADHD. Clinical Neurophysiology, 2020, 131, 750-751.	1.5	3
13	Structural validity of the mealtime behaviour questionnaire for children with autism spectrum disorder in Japan. Journal of Physical Therapy Science, 2020, 32, 352-358.	0.6	3
14	Factors influencing the prescribed dose of opioid analgesics in cancer patients. Journal of Opioid Management, 2020, 16, 247-252.	0.5	1
15	Increased frequency of psychosis after second-generation antiepileptic drug administration in adults with focal epilepsy. Epilepsy and Behavior, 2019, 97, 138-143.	1.7	9
16	Pre-stimulus Brain Activity Is Associated With State-Anxiety Changes During Single-Session Transcranial Direct Current Stimulation. Frontiers in Human Neuroscience, 2019, 13, 266.	2.0	16
17	A Novel Palliative Care Approach Using Virtual Reality for Improving Various Symptoms of Terminal Cancer Patients: A Preliminary Prospective, Multicenter Study. Journal of Palliative Medicine, 2019, 22, 702-707.	1.1	78
18	Event-related potentials as possible indicators of behavioral intervention outcome in tic disorders. Clinical Neurophysiology, 2019, 130, 1027-1028.	1.5	0

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19	Short-term meditation modulates EEG activity in subjects with post-traumatic residual disabilities. Clinical Neurophysiology Practice, 2019, 4, 30-36.	1.4	9
20	Editorial: Neuromodulation in Basic, Translational and Clinical Research in Psychiatry. Frontiers in Human Neuroscience, 2019, 13, 438.	2.0	2
21	EEG Resting-State Networks Responsible for Gait Disturbance Features in Idiopathic Normal Pressure Hydrocephalus. Clinical EEG and Neuroscience, 2019, 50, 210-218.	1.7	10
22	EEG Resting-State Networks in Dementia with Lewy Bodies Associated with Clinical Symptoms. Neuropsychobiology, 2019, 77, 206-218.	1.9	16
23	Validation of a Short-Term, Objective, Prognostic Predictive Method for Terminal Cancer Patients in a Palliative Care Unit Using a Combination of Six Laboratory Test Items. Journal of Palliative Medicine, 2019, 22, 685-690.	1.1	4
24	Automated Source Estimation of Scalp EEG Epileptic Activity Using eLORETA Kurtosis Analysis. Neuropsychobiology, 2019, 77, 101-109.	1.9	6
25	Alpha eventâ€related synchronization after eye closing differs in Alzheimer's disease and dementia with Lewy bodies: a magnetoencephalography study. Psychogeriatrics, 2018, 18, 202-208.	1.2	1
26	Bilateral Transcranial Magnetic Stimulation on DLPFC Changes Resting State Networks and Cognitive Function in Patients With Bipolar Depression. Frontiers in Human Neuroscience, 2018, 12, 356.	2.0	45
27	MEG revealed new functional hub of atypical brain network in autism spectrum disorders. Clinical Neurophysiology, 2018, 129, 2022-2023.	1.5	2
28	Editorial: New Insights on Basic and Clinical Aspects of EEG and MEG Connectome. Frontiers in Human Neuroscience, 2018, 12, 232.	2.0	4
29	Functional localization and effective connectivity of cortical theta and alpha oscillatory activity during an attention task. Clinical Neurophysiology Practice, 2017, 2, 193-200.	1.4	32
30	Cerebrospinal Fluid Biomarkers of Alzheimer's Disease Correlate With Electroencephalography Parameters Assessed by Exact Low-Resolution Electromagnetic Tomography (eLORETA). Clinical EEG and Neuroscience, 2017, 48, 338-347.	1.7	11
31	Healthy and Pathological Brain Aging: From the Perspective of Oscillations, Functional Connectivity, and Signal Complexity. Neuropsychobiology, 2017, 75, 151-161.	1.9	126
32	Source estimation of epileptic activity using eLORETA kurtosis analysis. BMJ Case Reports, 2017, 2017, bcr-2017-222123.	0.5	6
33	Cortical activation patterns in healthy subjects during the traditional Japanese word generation task Shiritori determined by multichannel near-infrared spectroscopy. Neuropsychiatric Electrophysiology, 2016, 2, .	4.1	0
34	The Role of Functional Networks in Neuropsychiatric Disorders. , 2016, , 123-147.		0
35	Functional connectivity assessed by resting state EEG correlates with cognitive decline of Alzheimer's disease – An eLORETA study. Clinical Neurophysiology, 2016, 127, 1269-1278.	1.5	163
36	Everolimus improves behavioral deficits in a patient with autism associated with tuberous sclerosis: a case report. Neuropsychiatric Electrophysiology, 2015, 1, .	4.1	13

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37	Association of cerebrospinal fluid tapâ€related oscillatory activity and shunt outcome in idiopathic normalâ€pressure hydrocephalus. Psychogeriatrics, 2015, 15, 191-197.	1.2	3
38	Detection of EEG-resting state independent networks by eLORETA-ICA method. Frontiers in Human Neuroscience, 2015, 9, 31.	2.0	81
39	Noninvasive prediction of shunt operation outcome in idiopathic normal pressure hydrocephalus. Scientific Reports, 2015, 5, 7775.	3.3	11
40	Implied functional crossed cerebello-cerebral diaschisis and interhemispheric compensation during hand grasping more than 20Âyears after unilateral cerebellar injury in early childhood. Cerebellum and Ataxias, 2015, 2, 15.	1.9	3
41	Improvements to the cluster Newton method for underdetermined inverse problems. Journal of Computational and Applied Mathematics, 2015, 283, 122-141.	2.0	9
42	Dissociative experiences in epilepsy: Effects of epilepsy-related factors on pathological dissociation. Epilepsy and Behavior, 2015, 44, 185-191.	1.7	8
43	Emotion Regulation of Neuroticism: Emotional Information Processing Related to Psychosomatic State Evaluated by Electroencephalography and Exact Low-Resolution Brain Electromagnetic Tomography. Neuropsychobiology, 2015, 71, 34-41.	1.9	25
44	Frontal midline theta rhythm and gamma power changes during focused attention on mental calculation: an MEG beamformer analysis. Frontiers in Human Neuroscience, 2014, 8, 406.	2.0	98
45	Yokukansan and its ingredients as possible treatment options for schizophrenia. Neuropsychiatric Disease and Treatment, 2014, 10, 1629.	2.2	9
46	Global complexity and cognitive reserve in MCI. Clinical Neurophysiology, 2014, 125, 653-654.	1.5	0
47	EEG biomarkers of NeuroAIDS. Clinical Neurophysiology, 2014, 125, 1075-1076.	1.5	3
48	Frequency diversity of posterior oscillatory activity in human revealed by spatial filtered MEG. Journal of Integrative Neuroscience, 2013, 12, 343-353.	1.7	2
49	EEG connectome: A new candidate for endophenotypes. Clinical Neurophysiology, 2013, 124, 2289-2290.	1.5	2
50	Normalized power variance change between pre-ictal and ictal phase of an epilepsy patient using NAT analysis: A case study. , 2013, 2013, 437-40.		10
51	EEG and Neuronal Activity Topography analysis can predict effectiveness of shunt operation in idiopathic normal pressure hydrocephalus patients. NeuroImage: Clinical, 2013, 3, 522-530.	2.7	13
52	Non-parametric permutation thresholding for adaptive nonlinear beamformer analysis on MEG revealed oscillatory neuronal dynamics in human brain. , 2013, 2013, 4807-10.		4
53	Relationship of prepulse inhibition to temperament and character in healthy Japanese subjects. Neuroscience Research, 2012, 72, 187-193.	1.9	6
54	Heartbeat evoked potentials: A new possible clinical biomarker for depression based on the somatic marker hypothesis. Clinical Neurophysiology, 2012, 123, 1899-1900.	1.5	3

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55	Publication criteria for evoked magnetic fields of the human brain: A proposal. Clinical Neurophysiology, 2012, 123, 2116-2121.	1.5	6
56	Induced oscillatory responses during the Sternberg's visual memory task in patients with Alzheimer's disease and mild cognitive impairment. NeuroImage, 2012, 59, 4132-4140.	4.2	46
57	Resting-State Network Disruption and APOE Genotype in Alzheimer's Disease: A lagged Functional Connectivity Study. PLoS ONE, 2012, 7, e46289.	2.5	124
58	New possibility of traditional Chinese and Japanese medicine as treatment for behavioral and psychiatric symptoms in dementia. Clinical Interventions in Aging, 2012, 7, 393.	2.9	11
59	Measurement of Personality Stability in Infants and Young Adults Under Emotional Stimuli Using a Brain Functional Reaction Method. International Journal of Intelligent Computing in Medical Sciences and Image Processing, 2011, 4, 39-64.	0.5	6
60	EEG Activities Evoked by Trauma Stimuli Related to Earthquakes and Personality Features Associated with Trauma. International Journal of Intelligent Computing in Medical Sciences and Image Processing, 2011, 4, 13-24.	0.5	5
61	Decreased alpha event-related synchronization in the left posterior temporal cortex in schizophrenia: A magnetoencephalography-beamformer study. Neuroscience Research, 2011, 71, 235-243.	1.9	24
62	Schizophrenia-Like Psychosis Associated With Right-Parietal Meningioma. Journal of Neuropsychiatry and Clinical Neurosciences, 2011, 23, E36-E36.	1.8	6
63	Chronic repetitive transcranial magnetic stimulation increases hippocampal neurogenesis in rats. Psychiatry and Clinical Neurosciences, 2011, 65, 77-81.	1.8	82
64	Psychopathology and working memoryâ€induced activation of the prefrontal cortex in schizophreniaâ€ike psychosis of epilepsy: Evidence from magnetoencephalography. Psychiatry and Clinical Neurosciences, 2011, 65, 183-190.	1.8	17
65	Caffeine Modulates Tau Phosphorylation and Affects Akt Signaling in Postmitotic Neurons. Journal of Molecular Neuroscience, 2011, 43, 326-332.	2.3	9
66	Resting-State EEG Source Localization and Functional Connectivity in Schizophrenia-Like Psychosis of Epilepsy. PLoS ONE, 2011, 6, e27863.	2.5	161
67	Prepulse Inhibition of Startle Response: Recent Advances in Human Studies of Psychiatric Disease. Clinical Psychopharmacology and Neuroscience, 2011, 9, 102-110.	2.0	50
68	Schizophrenia-Like Psychosis Associated With Right-Parietal Meningioma. Journal of Neuropsychiatry and Clinical Neurosciences, 2011, 23, E36-E36.	1.8	0
69	Relationship between prepulse inhibition of acoustic startle response and schizotypy in healthy Japanese subjects. Psychophysiology, 2010, 47, 831-7.	2.4	9
70	Frontal shift of posterior alpha activity is correlated with cognitive impairment in early Alzheimer's disease: A magnetoencephalography-beamformer study. Psychogeriatrics, 2010, 10, 138-143.	1.2	26
71	Association study of <i>KIBRA</i> gene with memory performance in a Japanese population. World Journal of Biological Psychiatry, 2010, 11, 852-857.	2.6	31
72	Discriminant analysis in schizophrenia and healthy subjects using prefrontal activation during frontal lobe tasks: A near-infrared spectroscopy. Schizophrenia Research, 2010, 117, 52-60.	2.0	41

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73	The chitinase 3-like 1 gene and schizophrenia: Evidence from a multi-center case–control study and meta-analysis. Schizophrenia Research, 2010, 116, 126-132.	2.0	21
74	THE IMPACT OF A GENOME-WIDE SUPPORTED PSYCHOSIS VARIANT IN THE ZNF804A GENE ON MEMORY FUNCTION IN SCHIZOPHRENIA. Schizophrenia Research, 2010, 117, 296.	2.0	0
75	CORTICAL DYSFUNCTION DURING VISUAL WORKING MEMORY IN SCHIZOPHRENIA AND SCHIZOPHRENIA-LIKE PSYCHOSIS OF EPILEPSY: A MAGNETOENCEPHALOGRAPHY STUDY. Schizophrenia Research, 2010, 117, 249.	2.0	0
76	TWO-CHANNEL NEAR INFRARED SPECTROSCOPY (NIRS) ACTIVATION TIMING CURVES OF OXYHEMOGLOBIN DURING FRONTAL TASKS IN SCHIZOPHRENIA. Schizophrenia Research, 2010, 117, 359.	2.0	0
77	Post-movement beta rebound abnormality as indicator of mirror neuron system dysfunction in autistic spectrum disorder: An MEG study. Neuroscience Letters, 2010, 478, 141-145.	2.1	56
78	Frontal cortex activation associated with speeded processing of visuospatial working memory revealed by multichannel near-infrared spectroscopy during Advanced Trail Making Test performance. Behavioural Brain Research, 2010, 215, 21-27.	2.2	36
79	Working memory abnormalities in chronic interictal epileptic psychosis and schizophrenia revealed by magnetoencephalography. Epilepsy and Behavior, 2010, 17, 109-119.	1.7	20
80	<i>TATA Boxâ€Binding Protein</i> gene is associated with risk for schizophrenia, age at onset and prefrontal function. Genes, Brain and Behavior, 2009, 8, 473-480.	2.2	25
81	Neuroimaging studies in patients with Charles Bonnet Syndrome. Psychogeriatrics, 2009, 9, 77-84.	1.2	59
82	Factors associated with impaired quality of life in younger and older adults with epilepsy. Epilepsy Research, 2009, 83, 58-65.	1.6	82
83	New approach to elucidate human brain function and its molecular basis: Human Brain Phenotype Consortium. Neuroscience Research, 2009, 65, S115.	1.9	0
84	Cortical oscillatory power changes during auditory oddball task revealed by spatially filtered magnetoencephalography. Clinical Neurophysiology, 2009, 120, 497-504.	1.5	64
85	Impaired regional hemodynamic response in schizophrenia during multiple prefrontal activation tasks: A two-channel near-infrared spectroscopy study. Schizophrenia Research, 2009, 108, 93-103.	2.0	49
86	Association study of the G72 gene with schizophrenia in a Japanese population: A multicenter study. Schizophrenia Research, 2009, 109, 80-85.	2.0	34
87	Hypofrontality in schizophrenia detected by the measurement of tissue oxygeneation index using NIRS. Neuroscience Research, 2009, 65, S253.	1.9	0
88	Beta Activities in EEG Associated with Emotional Stress. International Journal of Intelligent Computing in Medical Sciences and Image Processing, 2009, 3, 57-68.	0.5	28
89	Spatially filtered magnetoencephalography compared with electrocorticography to identify intrinsically epileptogenic focal cortical dysplasia. Epilepsy Research, 2008, 81, 228-232.	1.6	36
90	Efficacy of risperidone in the treatment of delirium in elderly patients. Psychogeriatrics, 2008, 8, 62-65.	1.2	4

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91	Severity of depressive symptoms as predictor of impairment of quality of life in chronic migraine: Comparison with episodic migraine. Psychiatry and Clinical Neurosciences, 2008, 62, 738-740.	1.8	13
92	Tuberous sclerosis: Localizing the epileptogenic tuber with synthetic aperture magnetometry with excess kurtosis analysis. Journal of Clinical Neuroscience, 2008, 15, 1296-1298.	1.5	18
93	Event-related synchronization of alpha activity in early Alzheimer's disease and mild cognitive impairment: An MEG study combining beamformer and group comparison. Neuroscience Letters, 2008, 443, 86-89.	2.1	34
94	Impaired prepulse inhibition and habituation of acoustic startle response in Japanese patients with schizophrenia. Neuroscience Research, 2008, 62, 187-194.	1.9	52
95	Cephalic auras of supplementary motor area origin: An ictal MEG and SAM(g2) study. Epilepsy and Behavior, 2008, 13, 570-574.	1.7	23
96	Frontal Activity during the Digit Symbol Substitution Test Determined by Multichannel Near-Infrared Spectroscopy. Neuropsychobiology, 2008, 57, 151-158.	1.9	39
97	Time-series fractal analysis of MEG changes induced by emotional stimulation. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2008, 20, 117-128.	0.0	1
98	Slow repetitive transcranial magnetic stimulation changes oscillatory magnetoencephalographic activity in two patients with thalamic pain. International Congress Series, 2007, 1300, 295-298.	0.2	0
99	MEG neuroimaging of delusions in episodic interictal psychosis of epilepsy. International Congress Series, 2007, 1300, 649-652.	0.2	1
100	MEG–SAM kurtosis analysis in the localization of the epileptogenic tuber in tuberous sclerosis: A case report. International Congress Series, 2007, 1300, 653-656.	0.2	1
101	Rhythmic brain activities related to singing in humans. NeuroImage, 2007, 34, 426-434.	4.2	51
102	Right parietal activation during delusional state in episodic interictal psychosis of epilepsy: A report of two cases. Epilepsy and Behavior, 2006, 9, 367-372.	1.7	23
103	Discrepancy of performance among working memoryâ€related tasks in autism spectrum disorders was caused by task characteristics, apart from working memory, which could interfere with task execution. Psychiatry and Clinical Neurosciences, 2006, 60, 312-318.	1.8	32
104	Spatially Filtered Magnetoencephalographic Analysis of Cortical Oscillatory Changes in Basic Brain Rhythms during the Japanese â€~Shiritori' Word Generation Task. Neuropsychobiology, 2006, 53, 215-222.	1.9	17
105	TERNARY ELECTRORHEOLOGICAL FLUIDS WITH COMPOSITE PARTICLES DISPERSED IN LIQUID BLENDS. International Journal of Modern Physics B, 2006, 20, 3987-3992.	2.0	1
106	Cortical processing of esophageal sensation is related to the representation of swallowing. NeuroReport, 2005, 16, 439-443.	1.2	16
107	Auditory Detection of Motion Velocity in Humans: a Magnetoencephalographic Study. Brain Topography, 2005, 17, 139-149.	1.8	7
108	Wavelet-Crosscorrelation Analysis: Non-Stationary Analysis of Neurophysiological Signals. Brain Topography, 2005, 17, 237-252.	1.8	24

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109	Information Processing Flow and Neural Activations in the Dorsolateral Prefrontal Cortex in the Stroop Task in Schizophrenic Patients. Neuropsychobiology, 2005, 51, 191-203.	1.9	15
110	Effect of bilingualism on cognitive control in the Simon task: evidence from MEG. NeuroImage, 2005, 24, 40-49.	4.2	331
111	Effective extraction of high-frequency oscillations by blind source separation. International Congress Series, 2005, 1278, 243-246.	0.2	0
112	Wavelet-crosscorrelation analysis of electrocorticography recordings from epilepsy. International Congress Series, 2005, 1278, 411-414.	0.2	3
113	Slow repetitive transcranial magnetic stimulation increases somatosensory high-frequency oscillations in humans. Neuroscience Letters, 2004, 358, 193-196.	2.1	31
114	Neuromagnetic oscillatory responses related to the mirror neuron system. International Congress Series, 2004, 1270, 229-232.	0.2	2
115	Prefrontal oscillatory activity in auditory oddball paradigm studied with Synthetic Aperture Magnetometry. International Congress Series, 2004, 1270, 205-208.	0.2	2
116	Neuroimaging of the information processing flow in schizophrenia during the Stroop task using a spatially filtered MEG analysis. International Congress Series, 2004, 1270, 361-364.	0.2	0
117	Language-related brain regions during "shiritori―task (Japanese capping verses): a spatial filtered MEG analysis. International Congress Series, 2004, 1270, 153-156.	0.2	1
118	An integrative MEG–fMRI study of the primary somatosensory cortex using cross-modal correspondence analysis. NeuroImage, 2004, 22, 120-133.	4.2	54
119	Effect of normal aging on functional connectivity of the brain: an EEG study. Psychogeriatrics, 2003, 3, 49-53.	1.2	3
120	Desynchronization in the right auditory cortex during musical hallucinations: A MEG study. Psychogeriatrics, 2003, 3, 88-92.	1.2	16
121	Neuroimaging evidence for cortical involvement in the preparation and in the act of swallowing. NeuroImage, 2003, 20, 135-144.	4.2	145
122	Determination of activation areas in the human auditory cortex by means of synthetic aperture magnetometry. Neurolmage, 2003, 20, 995-1005.	4.2	110
123	Current source density distribution of sleep spindles in humans as found by synthetic aperture magnetometry. Neuroscience Letters, 2003, 340, 25-28.	2.1	28
124	Magnetoencephalographic study of the cortical activity elicited by human voice. Neuroscience Letters, 2003, 348, 13-16.	2.1	28
125	Wavelet analysis for neonatal electroencephalographic seizures. Pediatric Neurology, 2003, 29, 326-333.	2.1	33
126	Interictal spikes in the fusiform and inferior temporal gyri of an epileptic patient with colored elementary visual auras: a 5-year longitudinal MEG ECD study. NeuroReport, 2003, 14, 637-640.	1.2	5

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127	Neuromagnetic gamma-band activity in the primary and secondary somatosensory areas. NeuroReport, 2003, 14, 273-277.	1.2	33
128	MEG study of long-term cortical reorganization of sensorimotor areas with respect to using chopsticks. NeuroReport, 2002, 13, 2155-2159.	1.2	23
129	Spatially filtering MEG analysis estimates propagation of cortical activities during the Stroop task. International Congress Series, 2002, 1232, 409-413.	0.2	0
130	Frequency-dependent spatial distribution of human somatosensory evoked neuromagnetic fields. Neuroscience Letters, 2002, 318, 73-76.	2.1	78
131	Parallel distributed processing neuroimaging in the Stroop task using spatially filtered magnetoencephalography analysis. Neuroscience Letters, 2002, 334, 9-12.	2.1	25
132	Neuromagnetic spectral distribution of implicit processing of words. NeuroReport, 2001, 12, 3923-3927.	1.2	46
133	Transient global amnesia (TGA) in an MEG study. Brain Topography, 2001, 13, 269-274.	1.8	16
134	MEG Functional Neuroimaging of Schizophrenic Patients and Comparison Subjects During Word Generation. , 2001, , 39-45.		0
135	Theta rhythm increases in left superior temporal cortex during auditory hallucinations in schizophrenia. NeuroReport, 2000, 11, 3283-3287.	1.2	96
136	Medial prefrontal cortex generates frontal midline theta rhythm. NeuroReport, 1999, 10, 675-679.	1.2	440
137	Toward the Development of tES- Based Telemedicine System: Insights From the Digital Transformation	2.6	1

and Neurophysiological Evidence. Frontiers in Psychiatry, 0, 13, .