Gabriel Curio

List of Publications by Year
in descending order

158 papers	11,783 citations	47006 47 h-index	30922 102 g-index
164 all docs	164 docs citations	164 times ranked	8069 citing authors

#	Article	IF	Citations
1	The non-invasive Berlin Brainâ€“Computer Interface: Fast acquisition of effective performance in untrained subjects. NeuroImage, 2007, 37, 539-550.	4.2	790
2	Enhanced performance by a hybrid NIRSâ€“EEG brain computer interface. NeuroImage, 2012, 59, 519-529.	4.2	595
3	Neurophysiological predictor of SMR-based BCI performance. NeuroImage, 2010, 51, 1303-1309.	4.2	576
4	The BCI Competition 2003: Progress and Perspectives in Detection and Discrimination of EEG Single Trials. IEEE Transactions on Biomedical Engineering, 2004, 51, 1044-1051.	4.2	535
5	Spatio-Spectral Filters for Improving the Classification of Single Trial EEG. IEEE Transactions on Biomedical Engineering, 2005, 52, 1541-1548.	4.2	519
6	Boosting Bit Rates in Noninvasive EEG Single-Trial Classifications by Feature Combination and Multiclass Paradigms. IEEE Transactions on Biomedical Engineering, 2004, 51, 993-1002.	4.2	506
7	Machine learning for real-time single-trial EEG-analysis: From brainâ€“computer interfacing to mental state monitoring. Journal of Neuroscience Methods, 2008, 167, 82-90.	2.5	413
8	Combined Optimization of Spatial and Temporal Filters for Improving Brain-Computer Interfacing. IEEE Transactions on Biomedical Engineering, 2006, 53, 2274-2281.	4.2	318
9	The Berlin Brain-Computer Interface: Accurate performance from first-session in BCI-naive subjects. IEEE Transactions on Biomedical Engineering, 2008, 55, 2452-2462.	4.2	286
10	Speaking modifies voice-evoked activity in the human auditory cortex. , 2000, 9, 183-191.		284
11	The Berlin Brainâ€“Computer Interface: Non-Medical Uses of BCI Technology. Frontiers in Neuroscience, 2010, 4, 198.	2.8	277
12	The Berlin brain-computer interface: EEG-based communication without subject training. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2006, 14, 147-152.	4.9	264
13	Localization of evoked neuromagnetic 600 Hz activity in the cerebral somatosensory system. Electroencephalography and Clinical Neurophysiology, 1994, 91, 483-487.	0.3	245
14	MEG/EEG sources of the 170-ms response to faces are co-localized in the fusiform gyrus. NeuroImage, 2007, 35, 1495-1501.	4.2	223
15	BCI Competition 2003â€”Data Set III: Probabilistic Modeling of Sensorimotor<tex>mu</tex>Rhythms for Classification of Imaginary Hand Movements. IEEE Transactions on Biomedical Engineering, 2004, 51, 1077-1080.	4.2	186
16	Boosting bit rates and error detection for the classification of fast-paced motor commands based on single-trial EEG analysis. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2003, 11, 127-131.	4.9	178
17	A novel method for reliable and fast extraction of neuronal EEG/MEG oscillations on the basis of spatio-spectral decomposition. NeuroImage, 2011, 55, 1528-1535.	4.2	172
18	The Berlin Brain-Computer Interface: Progress Beyond Communication and Control. Frontiers in Neuroscience, 2016, 10, 530.	2.8	172

#	Article	IF	Citations
19	Linking 600-Hz â€œSpikelikeâ€•EEG/MEG Wavelets (â€œï¸-Burstsâ€) to Cellular Substrates. Journal of Clinical Neurophysiology, 2000, 17, 377-396.	1.7	168
20	The Berlin Brain-Computer Interface (BBCI) â€“ towards a new communication channel for online control in gaming applications. Multimedia Tools and Applications, 2007, 33, 73-90.	3.9	167
21	EEG potentials predict upcoming emergency brakings during simulated driving. Journal of Neural Engineering, 2011, 8, 056001.	3.5	167
22	Toward a Direct Measure of Video Quality Perception Using EEG. IEEE Transactions on Image Processing, 2012, 21, 2619-2629.	9.8	159
23	High-frequency (600 Hz) SEP activities originating in the subcortical and cortical human somatosensory system. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1998, 108, 182-189.	2.0	147
24	The Human Thalamus Processes Syntactic and Semantic Language Violations. Neuron, 2008, 59, 695-707.	8.1	132
25	EEG oscillations at 600 Hz are macroscopic markers for cortical spike bursts. Journal of Physiology, 2003, 550, 529-534.	2.9	128
26	Now you feel it-now you don't: ERP correlates of somatosensory awareness. Psychophysiology, 2006, 43, 31-40.	2.4	128
27	A novel mechanism for evoked responses in the human brain. European Journal of Neuroscience, 2007, 25, 3146-3154.	2.6	123
28	Spatial Attention Related SEP Amplitude Modulations Covary with BOLD Signal in S1â€”A Simultaneous EEGâ€”fMRI Study. Cerebral Cortex, 2008, 18, 2686-2700.	2.9	118
29	Task-related differential dynamics of EEG alpha- and beta-band synchronization in cortico-basal motor structures. European Journal of Neuroscience, 2007, 25, 1604-1615.	2.6	115
30	Brain-Computer Communication and Slow Cortical Potentials. IEEE Transactions on Biomedical Engineering, 2004, 51, 1011-1018.	4.2	110
31	Electrophysiology-based detection of emergency braking intention in real-world driving. Journal of Neural Engineering, 2014, 11, 056011.	3.5	105
32	Somatotopic source arrangement of 600 Hz oscillatory magnetic fields at the human primary somatosensory hand cortex. Neuroscience Letters, 1997, 234, 131-134.	2.1	96
33	Quasi-movements: A novel motorâ€“cognitive phenomenon. Neuropsychologia, 2008, 46, 727-742.	1.6	95
34	Imperceptible Stimuli and Sensory Processing Impediment. Science, 2003, 299, 1864-1864.	12.6	86
35	Now You'll Feel It, Now You Won't: EEG Rhythms Predict the Effectiveness of Perceptual Masking. Journal of Cognitive Neuroscience, 2009, 21, 2407-2419.	2.3	85
36	Predicting BCI performance to study BCI illiteracy. BMC Neuroscience, 2009, 10, .	1.9	81

#	Article	IF	Citations
37	Corticomuscular coherence in acute and chronic stroke. Clinical Neurophysiology, 2014, 125, 1182-1191.	1.5	79
38	Enhancing the Signal-to-Noise Ratio of ICA-Based Extracted ERPs. IEEE Transactions on Biomedical Engineering, 2006, 53, 601-607.	4.2	71
39	Thalamic and cortical high-frequency (600 Hz) somatosensory-evoked potential (SEP) components are modulated by slight arousal changes in awake subjects. Experimental Brain Research, 2000, 133, 506-513.	1.5	67
40	Event-related fMRI of the somatosensory system using electrical finger stimulation. NeuroReport, 2002, 13, 365-369.	1.2	64
41	Ultrahigh-frequency EEG during fMRI: Pushing the limits of imaging-artifact correction. NeuroImage, 2009, 48, 94-108.	4.2	64
42	Event-related desynchronization of sensorimotor EEG rhythms in hemiparetic patients with acute stroke. Neuroscience Letters, 2011, 488, 17-21.	2.1	63
43	Separating Neural Oscillations from Aperiodic 1/f Activity: Challenges and Recommendations. Neuroinformatics, 2022, 20, 991-1012.	2.8	61
44	Analyzing Speech Quality Perception Using Electroencephalography. IEEE Journal on Selected Topics in Signal Processing, 2012, 6, 721-731.	10.8	60
45	Multiple generators of 600 Hz wavelets in human SEP unmasked by varying stimulus rates. NeuroReport, 1999, 10, 1625-1629.	1.2	59
46	Berlin Brainâ€“Computer Interfaceâ€”The HCI communication channel for discovery. International Journal of Human Computer Studies, 2007, 65, 460-477.	5.6	56
47	The influence of lorazepam on somatosensory-evoked fast frequency (600 Hz) activity in MEG. Brain Research, 2000, 874, 10-14.	2.2	55
48	Dynamics of cortical neurovascular coupling analyzed by simultaneous DC-magnetoencephalography and time-resolved near-infrared spectroscopy. NeuroImage, 2008, 39, 979-986.	4.2	52
49	Monochromatic Ultra-Slow (~0.1Hz) Oscillations in the human electroencephalogram and their relation to hemodynamics. NeuroImage, 2014, 97, 71-80.	4.2	52
50	Spatiotemporal characteristics of human intrathalamic high-frequency (> 400 Hz) SEP components. NeuroReport, 1999, 10, 3627-3631.	1.2	51
51	Mental chronometry of target detection: human thalamus leads cortex. Brain, 2006, 129, 923-931.	7.6	48
52	EEG-based classification of video quality perception using steady state visual evoked potentials (SSVEPs). Journal of Neural Engineering, 2015, 12, 026012.	3.5	46
53	Cardiac artifact subspace identification and elimination in cognitive MEG data using time-delayed decorrelation. IEEE Transactions on Biomedical Engineering, 2002, 49, 345-354.	4.2	45
54	Looking for faces: Attention modulates early occipitotemporal object processing. Psychophysiology, 2004, 41, 350-360.	2.4	44

#	Article	IF	Citations
55	Neurovascular coupling analyzed non-invasively in the human brain. NeuroReport, 2004, 15, 63-66.	1.2	43
56	Optimal imaging of cortico-muscular coherence through a novel regression technique based on multi-channel EEG and un-rectified EMG. NeuroImage, 2011, 57, 1059-1067.	4.2	43
57	Intrathalamic non-propagating generators of high-frequency (1000 Hz) somatosensory evoked potential (SEP) bursts recorded subcortically in man. Clinical Neurophysiology, 2002, 113, 1001-1005.	1.5	41
58	High-frequency EEG covaries with spike burst patterns detected in cortical neurons. Journal of Neurophysiology, 2011, 105, 2951-2959.	1.8	41
59	High-frequency (600ÂHz) population spikes in human EEG delineate thalamic and cortical fMRI activation sites. NeuroImage, 2008, 42, 483-490.	4.2	40
60	Using Electroencephalography to Measure Perceived Video Quality. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 366-376.	10.8	39
61	Prediction of seizure outcome improved by fast ripples detected in low-noise intraoperative corticogram. Clinical Neurophysiology, 2017, 128, 1220-1226.	1.5	39
62	Propofol narcosis dissociates human intrathalamic and cortical high-frequency (> 400 Hz) SEP components. NeuroReport, 2000, 11, 2607-2610.	1.2	38
63	Differential recruitment of high frequency wavelets (600 Hz) and primary cortical response (N20) in human median nerve somatosensory evoked potentials. Neuroscience Letters, 1998, 256, 101-104.	2.1	37
64	Miniaturized electroencephalographic scalp electrode for optimal wearing comfort. Clinical Neurophysiology, 2010, 121, 1007-1014.	1.5	37
65	Single-trial analysis of the neural correlates of speech quality perception. Journal of Neural Engineering, 2013, 10, 056003.	3.5	36
66	Functional dissociation of a subcortical and cortical component of high-frequency oscillations in human somatosensory evoked potentials by motor interference. Neuroscience Letters, 2003, 350, 97-100.	2.1	35
67	The Human Thalamus is Crucially Involved in Executive Control Operations. Journal of Cognitive Neuroscience, 2008, 20, 1903-1914.	2.3	34
68	Using ERPs for assessing the (sub) conscious perception of noise. , 2010, 2010, 2690-3.		33
69	Non-zero mean and asymmetry of neuronal oscillations have different implications for evoked responses. Clinical Neurophysiology, 2010, 121, 186-193.	1.5	33
70	Role of Neuronal Synchrony in the Generation of Evoked EEG/MEG Responses. Journal of Neurophysiology, 2010, 104, 3557-3567.	1.8	32
71	Double-pulse stimulation dissociates intrathalamic and cortical high-frequency (>400 Hz) SEP components in man. NeuroReport, 2000, 11, 1295-1299.	1.2	31
72	A Generalized Framework for Quantifying the Dynamics of EEG Event-Related Desynchronization. PLoS Computational Biology, 2009, 5, e1000453.	3.2	31

#	Article	IF	Citations
73	Unsupervised classification of operator workload from brain signals. Journal of Neural Engineering, 2016, 13, 036008.	3.5	31
74	Non-invasive long-term recordings of cortical â€˜direct currentâ€™ (DCâ€“) activity in humans using magnetoencephalography. Neuroscience Letters, 1999, 273, 159-162.	2.1	29
75	Extraction of SSVEP signals of a capacitive EEG helmet for Human Machine Interface. , 2008, 2008, 4495-8.		29
76	Correlates of a single cortical action potential in the epidural EEG. NeuroImage, 2015, 109, 357-367.	4.2	29
77	Cingulate and cerebellar beta oscillations are engaged in the acquisition of auditoryâ€motor sequences. Human Brain Mapping, 2017, 38, 5161-5179.	3.6	29
78	The eloquence of silent cortex: analysis of afferent input to deafferented cortex in arm amputees. NeuroReport, 2003, 14, 409-412.	1.2	28
79	Identifying mutual information transfer in the brain with differential-algebraic modeling: Evidence for fast oscillatory coupling between cortical somatosensory areas 3b and 1. NeuroImage, 2007, 37, 130-136.	4.2	28
80	ECoG high gamma activity reveals distinct cortical representations of lyrics passages, harmonic and timbre-related changes in a rock song. Frontiers in Human Neuroscience, 2014, 8, 798.	2.0	28
81	Multi-Variate EEG Analysis as a Novel Tool to Examine Brain Responses to Naturalistic Music Stimuli. PLoS ONE, 2015, 10, e0141281.	2.5	28
82	Non-invasive single-trial monitoring of human movement-related brain activation based on DC-magnetoencephalography. NeuroReport, 2001, 12, 1689-1692.	1.2	27
83	Too tired for calling? A physiological measure of fatigue caused by bandwidth limitations. , 2012, , .		27
84	Recording human cortical population spikes non-invasively â€“ An EEG tutorial. Journal of Neuroscience Methods, 2015, 250, 74-84.	2.5	27
85	Single Trial Detection of EEG Error Potentials: A Tool for Increasing BCI Transmission Rates. Lecture Notes in Computer Science, 2002, , 1137-1143.	1.3	27
86	Morphological alterations of the degenerated lumbar disc following chemonucleolysis with chymopapain. Journal of Neurosurgery, 1984, 60, 518-522.	1.6	26
87	Independent short-term variability of spike-like (600 Hz) and postsynaptic (N20) cerebral SEP components. NeuroReport, 2001, 12, 349-352.	1.2	26
88	Differential gating of slow postsynaptic and high-frequency spike-like components in human somatosensory evoked potentials under isometric motor interference. Brain Research, 2001, 922, 95-103.	2.2	26
89	On the feasibility of neurocurrent imaging by low-field nuclear magnetic resonance. Applied Physics Letters, 2010, 96, 233701.	3.3	26
90	No somatotopy of sensorimotor alpha-oscillation responses to differential finger stimulation. NeuroImage, 2013, 76, 294-303.	4.2	26

#	Article	IF	Citations
91	Intradiscal pressure-volume response: a methodological contribution to chemonucleolysis. Journal of Neurosurgery, 1984, 60, 1029-1032.	1.6	25
92	Combined MEG and EEG methodology for non-invasive recording of infraslow activity in the human cortex. Clinical Neurophysiology, 2007, 118, 2774-2780.	1.5	25
93	It is not all about phase: Amplitude dynamics in corticomuscular interactions. NeuroImage, 2013, 64, 496-504.	4.2	25
94	Multiscale temporal neural dynamics predict performance in a complex sensorimotor task. NeuroImage, 2016, 141, 291-303.	4.2	25
95	Assessing Perceived Image Quality Using Steady-State Visual Evoked Potentials and Spatio-Spectral Decomposition. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1694-1706.	8.3	25
96	Temporal Signatures of Criticality in Human Cortical Excitability as Probed by Early Somatosensory Responses. Journal of Neuroscience, 2020, 40, 6572-6583.	3.6	25
97	Are brain currents detectable by means of low-field NMR? A phantom study. Magnetic Resonance Imaging, 2011, 29, 1365-1373.	1.8	24
98	Objective quality assessment of stereoscopic images with vertical disparity using EEG. Journal of Neural Engineering, 2017, 14, 046009.	3.5	24
99	Patterns of Disturbed Impulse Propagation in Multiple Sclerosis Identified by Low and High Frequency Somatosensory Evoked Potential Components. Journal of Clinical Neurophysiology, 2003, 20, 283-290.	1.7	23
100	Novel applications of BCI technology: Psychophysiological optimization of working conditions in industry. , 2010, , .		23
101	Perception of low-quality videos analyzed by means of electroencephalography. , 2012, , .		23
102	Magnetometry of injury currents from human nerve and muscle specimens using Superconducting Quantum Interferences Devices. Neuroscience Letters, 1999, 262, 163-166.	2.1	22
103	Electrophysiological evidence for altered early cerebral somatosensory signal processing in schizophrenia. Psychophysiology, 2004, 41, 361-366.	2.4	22
104	Dissociation of human thalamic and cortical SEP gating as revealed by intrathalamic recordings under muscle relaxation. Brain Research, 2002, 958, 146-151.	2.2	21
105	Cortical somatosensory evoked high-frequency (600Hz) oscillations predict absence of severe hypoxic encephalopathy after resuscitation. Clinical Neurophysiology, 2016, 127, 2561-2569.	1.5	21
106	Intraoperative subdural low-noise EEG recording of the high frequency oscillation in the somatosensory evoked potential. Clinical Neurophysiology, 2017, 128, 1851-1857.	1.5	21
107	Perturbative analytical solutions of the magnetic forward problem for realistic volume conductors. Journal of Applied Physics, 2001, 89, 2360-2369.	2.5	20
108	Cross-frequency decomposition: A novel technique for studying interactions between neuronal oscillations with different frequencies. Clinical Neurophysiology, 2012, 123, 1353-1360.	1.5	20

#	Article	IF	Citations
109	Power-law dynamics in neuronal and behavioral data introduce spurious correlations. Human Brain Mapping, 2015, 36, 2901-2914.	3.6	20
110	A Physiological Approach to Determine Video Quality. , 2011, , .		19
111	Non-invasive neuromagnetic monitoring of nerve and muscle injury currents. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1993, 89, 154-160.	2.0	18
112	Non-invasive single-trial EEG detection of evoked human neocortical population spikes. NeuroImage, 2015, 105, 13-20.	4.2	18
113	Are high-frequency (600Hz) oscillations in human somatosensory evoked potentials due to phase-resetting phenomena?. Clinical Neurophysiology, 2012, 123, 2064-2073.	1.5	16
114	The Berlin Brain-Computer Interface. Lecture Notes in Computer Science, 2008, , 79-101.	1.3	16
115	Thalamoâ€cortical processing of nearâ€threshold somatosensory stimuli in humans. European Journal of Neuroscience, 2009, 30, 1815-1822.	2.6	15
116	Differential Infraslow (<0.1 Hz) Cortical Activations in the Affected and Unaffected Hemispheres From Patients With Subacute Stroke Demonstrated by Noninvasive DC-Magnetoencephalography. Stroke, 2009, 40, 1683-1686.	2.0	14
117	Magnetoencephalography discriminates modality-specific infraslow signals less than 0.1â€‰Hz. NeuroReport, 2010, 21, 196-200.	1.2	14
118	Neurally informed assessment of perceived natural texture image quality. , 2014, , .		13
119	Perturbative analytical solutions of the electric forward problem for realistic volume conductors. Journal of Applied Physics, 1999, 86, 2800-2811.	2.5	12
120	Hyperventilation-induced human cerebral magnetic fields non-invasively monitored by multichannel â€˜direct currentâ€™ magnetoencephalography. Neuroscience Letters, 2000, 287, 227-230.	2.1	12
121	Visual stimuli evoke rapid activation (120ms) of sensorimotor cortex for overt but not for covert movements. Brain Research, 2011, 1368, 185-195.	2.2	12
122	Modulation of cortical neural dynamics during thalamic deep brain stimulation in patients with essential tremor. NeuroReport, 2013, 24, 751-756.	1.2	12
123	Noninvasive neuromagnetic single-trial analysis of human neocortical population spikes. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
124	The 170ms Response to Faces as Measured by MEG (M170) Is Consistently Altered in Congenital Prosopagnosia. PLoS ONE, 2015, 10, e0137624.	2.5	11
125	Short-term (â‰ˆ600 ms) prediction of perturbation dynamics for 10- and 20-Hz MEG rhythms in human primary sensorimotor hand cortices. NeuroImage, 2004, 22, 387-393.	4.2	10
126	Revealing the neural response to imperceptible peripheral flicker with machine learning. , 2011, 2011, 3692-5.		10

#	Article	IF	Citations
127	Non-invasive simultaneous recording of neuronal and vascular signals in subacute ischemic stroke. Biomedizinische Technik, 2011, 56, 85-90.	0.8	10
128	Tonic neuronal activation during simple and complex finger movements analyzed by DC-magnetoencephalography. Neuroscience Letters, 2006, 394, 42-47.	2.1	9
129	EEG-based usability assessment of 3D shutter glasses. Journal of Neural Engineering, 2016, 13, 016003.	3.5	9
130	Electrophysiological characterization of the hyperdirect pathway and its functional relevance for subthalamic deep brain stimulation. Experimental Neurology, 2022, 352, 114031.	4.1	9
131	Speed effects of deep brain stimulation for Parkinson's disease. Movement Disorders, 2010, 25, 2762-2768.	3.9	8
132	Covert movements trigger repetition suppression of electroencephalography in sensorimotor cortex. NeuroReport, 2011, 22, 141-145.	1.2	8
133	Neurophysiological assessment of perceived image quality using steady-state visual evoked potentials. , 2015, , .		8
134	Non-invasive single-trial detection of variable population spike responses in human somatosensory evoked potentials. Clinical Neurophysiology, 2016, 127, 1872-1878.	1.5	8
135	Refractoriness Accounts for Variable Spike Burst Responses in Somatosensory Cortex. ENeuro, 2017, 4, ENEURO.0173-17.2017.	1.9	8
136	Non-invasive magnetic detection of human injury currents. Clinical Neurophysiology, 2004, 115, 1027-1032.	1.5	7
137	26th Annual Computational Neuroscience Meeting (CNS*2017): Part 2. BMC Neuroscience, 2017, 18, .	1.9	7
138	Simultaneous measurements of somatosensory evoked AC and near-DC MEG signals. Biomedizinische Technik, 2011, 56, 91-97.	0.8	6
139	Extracting the neural representation of tone onsets for separate voices of ensemble music using multivariate EEG analysis.. Psychomusicology: Music, Mind and Brain, 2015, 25, 366-379.	0.3	5
140	Detecting Mental States by Machine Learning Techniques: The Berlin Brainâ€“Computer Interface. The Frontiers Collection, 2009, , 113-135.	0.2	5
141	Human High Frequency Somatosensory Evoked Potential Components Are Refractory to Circadian Modulations of Tonic Alertness. Journal of Clinical Neurophysiology, 2007, 24, 27-30.	1.7	4
142	Non-zero mean of oscillations as a mechanism for the generation of evoked responses. Clinical Neurophysiology, 2010, 121, 1149-1150.	1.5	4
143	Effect of complete stimulus predictability on P3 and N2 components. NeuroReport, 2011, 22, 459-463.	1.2	4
144	On the Stimulation Frequency in SSVEP-based Image Quality Assessment. , 2018, , .		4

#	Article	IF	Citations
145	EEG-Based Assessment of Perceived Realness in Stylized Face Images. , 2020, , .		4
146	Peripheral input and phantom limb pain: A somatosensory eventâ€related potential study. European Journal of Pain, 2020, 24, 1314-1329.	2.8	4
147	Plexus-Magnetoneurographie mittels eines Multikanal-Gradiometers. Biomedizinische Technik, 1992, 37, 152-153.	0.8	2
148	EEG-Based Assessment of Perceived Quality in Complex Natural Images. , 2020, , .		2
149	NACHWEIS EVOZIERTER SUMMENAKTIONSFELDER (SAF) DES PLEXUS BRACHIALIS MITTELS EINES NEUEN 37-KANAL MAGNETOMETERS. Biomedizinische Technik, 1991, 36, 151-152.	0.8	1
150	Binary On-line Classification Based on Temporally Integrated Information. , 2005, , 216-223.		1
151	Recording of focal direct current (DC) changes in the human cerebral cortex using refined non-invasive DC-EEG methodology. Biomedizinische Technik, 2007, 52, 102-105.	0.8	1
152	Decoding cognitive brain states. , 2013, , .		1
153	Reply to ChÃ©ron and Dan. NeuroReport, 2001, 12, A52.	1.2	0
154	Algorithms for on-line differentiation of neuroelectric activities. , 2006, Suppl, 6525.		0
155	Bridging scales: from cortical single-neuron bursting to macroscopic high-frequency EEG. BMC Neuroscience, 2009, 10, .	1.9	0
156	Towards the influence of vibration on evaluation of speech utterances in mobile devices. , 2011, , .		0
157	Disruption of Boundary Encoding During Sensorimotor Sequence Learning: An MEG Study. Frontiers in Human Neuroscience, 2018, 12, 240.	2.0	0
158	Spatiotemporal correlation of neuronal activity and cerebral blood flow of the motor cortex: Non-invasive measurement of DC-EEG and near-infrared spectroscopy in humans during a motor task. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S367-S367.	4.3	0