

Mauricio Cagy

List of Publications by Year in descending order

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110
papers

1,602
citations

394421

19
h-index

414414

32
g-index

128
all docs

128
docs citations

128
times ranked

2162
citing authors

#	ARTICLE	IF	CITATIONS
1	Fact or fiction? An event-related potential study of implicit emotion regulation. <i>Neuroscience Letters</i> , 2010, 476, 84-88.	2.1	101
2	EEG-based Brain-Computer Interfaces: An Overview of Basic Concepts and Clinical Applications in Neurorehabilitation. <i>Reviews in the Neurosciences</i> , 2010, 21, 451-68.	2.9	94
3	Electroencephalographic frontal asymmetry and depressive symptoms in the elderly. <i>Biological Psychology</i> , 2008, 79, 317-322.	2.2	72
4	Beta and alpha electroencephalographic activity changes after acute exercise. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 637-641.	0.8	62
5	The effect of acute effort on EEG in healthy young and elderly subjects. <i>European Journal of Applied Physiology</i> , 2011, 111, 67-75.	2.5	57
6	Integrative parietal cortex processes: Neurological and psychiatric aspects. <i>Journal of the Neurological Sciences</i> , 2014, 338, 12-22.	0.6	52
7	Time Perception Distortion in Neuropsychiatric and Neurological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 567-582.	1.4	51
8	Saccadic eye movement applications for psychiatric disorders. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 1393.	2.2	46
9	The Value of Repetitive Transcranial Magnetic Stimulation (rTMS) for the Treatment of Anxiety Disorders: An Integrative Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011, 10, 610-620.	1.4	38
10	Neurocortical electrical activity tomography in chronic schizophrenics. <i>Arquivos De Neuro-Psiquiatria</i> , 2003, 61, 712-717.	0.8	35
11	The Influence of Levetiracetam in Cognitive Performance in Healthy Individuals: Neuropsychological, Behavioral and Electrophysiological Approach. <i>Clinical Psychopharmacology and Neuroscience</i> , 2015, 13, 83-93.	2.0	30
12	Quantitative electroencephalography (qEEG) to discriminate primary degenerative dementia from major depressive disorder (depression). <i>Arquivos De Neuro-Psiquiatria</i> , 2004, 62, 44-50.	0.8	28
13	Alzheimer's disease and implicit memory. <i>Arquivos De Neuro-Psiquiatria</i> , 2009, 67, 334-342.	0.8	28
14	EEG changes during sequences of visual and kinesthetic motor imagery. <i>Arquivos De Neuro-Psiquiatria</i> , 2010, 68, 556-561.	0.8	27
15	Relationship between early and late stages of information processing: an event-related potential study. <i>Neurology International</i> , 2012, 4, 16.	2.8	27
16	Electroencephalographic changes after one night of sleep deprivation. <i>Arquivos De Neuro-Psiquiatria</i> , 2006, 64, 388-393.	0.8	25
17	Sensorimotor integration and psychopathology: Motor control abnormalities related to psychiatric disorders. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 560-573.	2.6	24
18	Lower trait frontal theta activity in mindfulness meditators. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 687-693.	0.8	23

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19	Identifying musical pieces from fMRI data using encoding and decoding models. Scientific Reports, 2018, 8, 2266.	3.3	22
20	Effects of caffeine on visual evoked potencial (P300) and neuromotor performance. Arquivos De Neuro-Psiquiatria, 2004, 62, 385-390.	0.8	20
21	Electrophysiological analysis of a sensorimotor integration task. Neuroscience Letters, 2007, 426, 155-159.	2.1	19
22	Changes in saccadic eye movement (SEM) and quantitative EEG parameter in bipolar patients. Journal of Affective Disorders, 2013, 145, 378-385.	4.1	19
23	Time perception impairs sensory-motor integration in Parkinson's disease. International Archive of Medicine, 2013, 6, 39.	1.2	19
24	Gamma band oscillations under influence of bromazepam during a sensorimotor integration task: An EEG coherence study. Neuroscience Letters, 2010, 469, 145-149.	2.1	18
25	Cortical Reorganization after Hand Immobilization: The beta qEEG Spectral Coherence Evidences. PLoS ONE, 2013, 8, e79912.	2.5	18
26	Neuromodulatory effect of bromazepam on motor learning: An electroencephalographic approach. Neuroscience Letters, 2006, 407, 166-170.	2.1	17
27	Electrophysiological Correlates of the Threshold to Detection of Passive Motion: An Investigation in Professional Volleyball Athletes with and without Atrophy of the Infraspinatus Muscle. BioMed Research International, 2013, 2013, 1-9.	1.9	17
28	Frontal cortex absolute beta power measurement in Panic Disorder with Agoraphobia patients. Journal of Affective Disorders, 2015, 184, 176-181.	4.1	17
29	Therapeutic applications of repetitive transcranial magnetic stimulation in clinical neurorehabilitation. Functional Neurology, 2008, 23, 113-22.	1.3	17
30	The relation between EEG prefrontal asymmetry and subjective feelings of mood following 24 hours of sleep deprivation. Arquivos De Neuro-Psiquiatria, 2006, 64, 382-387.	0.8	16
31	Alpha absolute power: motor learning of practical pistol shooting. Arquivos De Neuro-Psiquiatria, 2008, 66, 336-340.	0.8	15
32	Intra- and inter-tester reproducibility of venous occlusion plethysmography: comparison between a manual and a semi-automatic method of blood flow analysis. Physiological Measurement, 2009, 30, 1267-1279.	2.1	14
33	Low-frequency rTMS over the Parieto-occipital network during a sensorimotor task: The role of absolute beta power in the sensorimotor integration. Neuroscience Letters, 2016, 611, 1-5.	2.1	14
34	Visual event-related potencial (P300): a normative study. Arquivos De Neuro-Psiquiatria, 2004, 62, 575-581.	0.8	11
35	Effects of Caffeine on Electrophysiological and Neuropsychological Indices after Sleep Deprivation. Neuropsychobiology, 2006, 54, 126-133.	1.9	11
36	Changes in quantitative EEG absolute power during the task of catching an object in free fall. Arquivos De Neuro-Psiquiatria, 2007, 65, 633-636.	0.8	11

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37	Responsiveness of sensorimotor cortex during pharmacological intervention with bromazepam. Neuroscience Letters, 2008, 448, 33-36.	2.1	11
38	Electroencephalographic findings in panic disorder. Trends in Psychiatry and Psychotherapy, 2013, 35, 238-251.	0.8	11
39	Electrical mapping in bipolar disorder patients during the oddball paradigm. Journal of Psychiatric Research, 2016, 72, 64-71.	3.1	11
40	EEG spectral coherence inter and intrahemispheric during catching object fall task. Arquivos De Neuro-Psiquiatria, 2007, 65, 63-67.	0.8	10
41	Integration of cortical areas during performance of a catching ball task. Neuroscience Letters, 2008, 446, 7-10.	2.1	10
42	Electrophysiological analysis of the perception of passive movement. Neuroscience Letters, 2011, 501, 61-66.	2.1	10
43	Premotor and occipital theta asymmetries as discriminators of memory- and stimulus-guided tasks. Brain Research Bulletin, 2012, 87, 103-108.	3.0	10
44	Alpha absolute power measurement in panic disorder with agoraphobia patients. Journal of Affective Disorders, 2013, 151, 259-264.	4.1	10
45	Effortless Attention as a Biomarker for Experienced Mindfulness Practitioners. PLoS ONE, 2015, 10, e0138561.	2.5	10
46	Low-frequency rTMS in the superior parietal cortex affects the working memory in horizontal axis during the spatial task performance. Neurological Sciences, 2018, 39, 527-532.	1.9	10
47	Analysis of the influence of bromazepam on cognitive performance through the visual evoked potential (P300). Arquivos De Neuro-Psiquiatria, 2005, 63, 228-234.	0.8	9
48	Influence of bromazepam on cortical interhemispheric coherence. Arquivos De Neuro-Psiquiatria, 2007, 65, 77-81.	0.8	9
49	Functional coupling of sensorimotor and associative areas during a catching ball task: a qEEG coherence study. International Archive of Medicine, 2012, 5, 9.	1.2	9
50	Changes in the theta band coherence during motor task after hand immobilization. International Archive of Medicine, 2014, 7, 51.	1.2	9
51	EEG coherence as a diagnostic tool to measure the initial stages of Parkinson Disease. Medical Hypotheses, 2019, 123, 74-78.	1.5	9
52	Neuromodulatory effects of caffeine and bromazepam on visual event-related potential (P300): a comparative study. Arquivos De Neuro-Psiquiatria, 2005, 63, 410-415.	0.8	9
53	Spectral F-Test power evaluation in the EEG during intermittent photic stimulation. Arquivos De Neuro-Psiquiatria, 2006, 64, 228-232.	0.8	9
54	Deep Brain Stimulation: A New Treatment in Mood and Anxiety Disorders. CNS and Neurological Disorders - Drug Targets, 2014, 13, 961-971.	1.4	9

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55	Absolute Theta Power in the Frontal Cortex During a Visuomotor Task. <i>Clinical EEG and Neuroscience</i> , 2015, 46, 292-298.	1.7	8
56	Unskilled shooters improve both accuracy and grouping shot having as reference skilled shooters cortical area: An EEG and tDCS study. <i>Physiology and Behavior</i> , 2020, 224, 113036.	2.1	8
57	Event-related potential (P300): the effects of levetiracetam in cognitive performance. <i>Neurological Sciences</i> , 2021, 42, 2309-2316.	1.9	8
58	Análise da distribuição de potência cortical em função do aprendizado de datilografia. <i>Revista Brasileira De Medicina Do Esporte</i> , 2004, 10, 494-499.	0.2	7
59	Objective response detection technique in frequency-domain for reflecting changes in MLAEP. <i>Medical Engineering and Physics</i> , 2007, 29, 910-917.	1.7	7
60	Hemispheric differences over frontal theta-band power discriminate between stimulus- versus memory-driven saccadic eye movement. <i>Neuroscience Letters</i> , 2011, 504, 204-208.	2.1	7
61	Changes in absolute theta power in bipolar patients during a saccadic attention task. <i>Psychiatry Research</i> , 2015, 228, 785-790.	3.3	7
62	The effects of bromazepam on the early stage of visual information processing (P100). <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 955-959.	0.8	6
63	Changes in slow and fast alpha bands in subjects submitted to different amounts of functional electrostimulation. <i>Neuroscience Letters</i> , 2008, 441, 149-152.	2.1	6
64	Effects of bromazepam in frontal theta activity on the performance of a sensorimotor integration task: A quantitative electroencephalography study. <i>Neuroscience Letters</i> , 2009, 451, 181-184.	2.1	6
65	Differences in early and late stages of information processing between slow versus fast participants. <i>International Archive of Medicine</i> , 2014, 7, 49.	1.2	6
66	The effects of bromazepam over the central and frontal areas during a motor task: an EEG study. <i>Arquivos De Neuro-Psiquiatria</i> , 2015, 73, 321-329.	0.8	6
67	Proprioceptive neuromuscular facilitation increases alpha absolute power in the dorsolateral prefrontal cortex and superior parietal cortex. <i>Somatosensory & Motor Research</i> , 2017, 34, 204-212.	0.9	6
68	The SLC6A3 3'UTR VNTR and intron 8 VNTR polymorphisms association in the time estimation. <i>Brain Structure and Function</i> , 2019, 224, 253-262.	2.3	6
69	Time estimation exposure modifies cognitive aspects and cortical activity of attention deficit hyperactivity disorder adults. <i>International Journal of Neuroscience</i> , 2020, 130, 999-1014.	1.6	6
70	Acute effect of Ethanol and Taurine on frontal cortex absolute beta power before and after exercise. <i>PLoS ONE</i> , 2018, 13, e0194264.	2.5	6
71	Cortical asymmetry: catching an object in free fall. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 623-627.	0.8	5
72	Gamma-band oscillations in fronto-central areas during performance of a sensorimotor integration task: A qEEG coherence study. <i>Neuroscience Letters</i> , 2010, 483, 114-117.	2.1	5

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73	The effects of bromazepam over the temporo-parietal areas during the performance of a visuomotor task: a qEEG study. Neuroscience Letters, 2011, 496, 116-120.	2.1	5
74	Alpha-band power in the left frontal cortex discriminates the execution of fixed stimulus during saccadic eye movement. Neuroscience Letters, 2012, 523, 148-153.	2.1	5
75	Does immobilization of dependent hand promote adaptative changes in cerebral cortex? An analysis through qEEG asymmetry. Neuroscience Letters, 2013, 538, 20-25.	2.1	5
76	Comparative Analysis Electroencephalographic of Alpha, Beta and Gamma Bands of a Healthy Individual and One with Hemiparesis. Journal of Physical Therapy Science, 2014, 26, 801-804.	0.6	5
77	Unconsciousness indication using time-domain parameters extracted from mid-latency auditory evoked potentials. Journal of Clinical Monitoring and Computing, 2002, 17, 361-366.	1.6	4
78	Discriminating among different types of verb-complement merge in Brazilian Portuguese: an ERP study of morpho-syntactic sub-processes. Journal of Neurolinguistics, 2004, 17, 425-437.	1.1	4
79	Motor learning processes: an electrophysiologic perspective. Arquivos De Neuro-Psiquiatria, 2007, 65, 951-954.	0.8	4
80	Posterior parietal cortex role in a sensorimotor task performance. Arquivos De Neuro-Psiquiatria, 2008, 66, 341-343.	0.8	4
81	Effects of a cognitive modulator in the theta and alpha asymmetry during a typewriting task: a sensorimotor integration perspective. Arquivos De Neuro-Psiquiatria, 2009, 67, 214-218.	0.8	4
82	Dietary habits and inadequate control of blood pressure in hypertensive adults assisted by a Brazilian Family Doctor Program. Public Health Nutrition, 2011, 14, 2176-2184.	2.2	4
83	Effects of Methylphenidate on performance of a practical pistol shooting task: a quantitative electroencephalography (qEEG) study. International Archive of Medicine, 2011, 4, 6.	1.2	4
84	Cognitive mechanisms and motor control during a saccadic eye movement task: evidence from quantitative electroencephalography. Arquivos De Neuro-Psiquiatria, 2012, 70, 506-513.	0.8	4
85	Dopaminergic drugs alter beta coherence during motor imagery and motor execution in healthy adults. Arquivos De Neuro-Psiquiatria, 2020, 78, 199-205.	0.8	4
86	Open monitoring meditation alters the EEG gamma coherence in experts meditators: The expert practice exhibit greater right intra-hemispheric functional coupling. Consciousness and Cognition, 2022, 102, 103354.	1.5	4
87	The influence of bromazepam on cortical power distribution. Anais Da Academia Brasileira De Ciencias, 2008, 80, 335-340.	0.8	3
88	Gamma band oscillations in parietooccipital areas during performance of a sensorimotor integration task: a qEEG coherence study. Arquivos De Neuro-Psiquiatria, 2011, 69, 304-309.	0.8	3
89	Analysis of slow- and fast-alpha band asymmetry during performance of a saccadic eye movement task: Dissociation between memory- and attention-driven systems. Journal of the Neurological Sciences, 2012, 312, 62-67.	0.6	3
90	How high level of anxiety in Panic Disorder can interfere in working memory? A computer simulation and electrophysiological investigation. Journal of Psychiatric Research, 2017, 95, 238-246.	3.1	3

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91	Acute ethanol and taurine intake affect absolute alpha power in frontal cortex before and after exercise. <i>Neuroscience Letters</i> , 2017, 657, 5-10.	2.1	3
92	Methylphenidate modifies activity in the prefrontal and parietal cortex accelerating the time judgment. <i>Neurological Sciences</i> , 2019, 40, 829-837.	1.9	3
93	Bromazepam Impairs Motor Response: An ERSP Study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011, 10, 945-950.	1.4	3
94	Changes in cortical relative power in patients submitted to a tendon transfer: a pre and post surgery study. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 628-632.	0.8	3
95	Alpha power oscillation in the frontal cortex under Bromazepam and Modafinil effects. <i>Arquivos De Neuro-Psiquiatria</i> , 2015, 73, 918-923.	0.8	2
96	Involvement of beta absolute power in motor areas after hand immobilization: An EEG study. <i>Medical Express</i> , 2016, 3, .	0.2	2
97	Low-frequency rTMS stimulation over superior parietal cortex medially improves time reproduction and increases the right dorsolateral prefrontal cortex predominance. <i>International Journal of Neuroscience</i> , 2019, 129, 523-533.	1.6	2
98	The role of low-frequency rTMS in the superior parietal cortex during time estimation. <i>Neurological Sciences</i> , 2019, 40, 1183-1189.	1.9	2
99	Repetitive transcranial magnetic stimulation changes cognitive/motor tasks performance: An absolute alpha and beta power study. <i>Neuroscience Letters</i> , 2021, 753, 135866.	2.1	2
100	Bromazepam increases the error of the time interval judgments and modulates the EEG alpha asymmetry during time estimation. <i>Consciousness and Cognition</i> , 2022, 100, 103317.	1.5	2
101	Changes of somatomotor and parietal regions produced by different amounts of electrical stimulation. <i>Neuroscience Letters</i> , 2010, 469, 150-154.	2.1	1
102	Developing a dynamic virtual stimulation protocol to induce linear egomotion during orthostatic posture control test. <i>Research on Biomedical Engineering</i> , 2016, 32, 274-282.	2.2	1
103	Repetitive Transcranial Magnetic Stimulation changes absolute theta power during cognitive/motor tasks. <i>Neuroscience Letters</i> , 2018, 687, 77-81.	2.1	1
104	Non-immersive 3D virtual stimulus alter the time production task performance and increase the EEG theta power in dorsolateral prefrontal cortex. <i>International Journal of Neuroscience</i> , 2020, , 1-11.	1.6	1
105	Methylphenidate decreases the EEG mu power in the right primary motor cortex in healthy adults during motor imagery and execution. <i>Brain Structure and Function</i> , 2021, 226, 1185-1193.	2.3	1
106	Event-Related Synchronization and Desynchronization in Virtual-Reality Ball Interception Protocol. <i>IFMBE Proceedings</i> , 2019, , 219-224.	0.3	1
107	Estimula�o magn�tica transcraniana. <i>Revista Neurociencias</i> , 2011, 19, 339-348.	0.0	1
108	Development of a Classical Conditioning Task for Humans Examining Phasic Heart Rate Responses to Signaled Appetitive Stimuli: A Pilot Study. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 639372.	2.0	0

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109	Statistical Evoked Potential Detection with Number of Degrees of Freedom Estimated from EEG Autocorrelation Function. IFMBE Proceedings, 2009, , 2193-2196.	0.3	0
110	The Computer Simulation for Triggering Anxiety in Panic Disorder Patients Modulates the EEG Alpha Power during an Oddball Task. NeuroSci, 2022, 3, 332-346.	1.2	0