

Mauricio Cagy

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

1,602
citations

393982

19
h-index

414034

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.	1.0	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.	1.4	94
3	Electroencephalographic frontal asymmetry and depressive symptoms in the elderly. <i>Biological Psychology</i> , 2008, 79, 317-322.	1.1	72
4	Beta and alpha electroencephalographic activity changes after acute exercise. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 637-641.	0.3	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.	1.2	57
6	Integrative parietal cortex processes: Neurological and psychiatric aspects. <i>Journal of the Neurological Sciences</i> , 2014, 338, 12-22.	0.3	52
7	Time Perception Distortion in Neuropsychiatric and Neurological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 567-582.	0.8	51
8	Saccadic eye movement applications for psychiatric disorders. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 1393.	1.0	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.	0.8	38
10	Neurocortical electrical activity tomography in chronic schizophrenics. <i>Arquivos De Neuro-Psiquiatria</i> , 2003, 61, 712-717.	0.3	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.	0.9	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.	0.3	28
13	Alzheimer's disease and implicit memory. <i>Arquivos De Neuro-Psiquiatria</i> , 2009, 67, 334-342.	0.3	28
14	EEG changes during sequences of visual and kinesthetic motor imagery. <i>Arquivos De Neuro-Psiquiatria</i> , 2010, 68, 556-561.	0.3	27
15	Relationship between early and late stages of information processing: an event-related potential study. <i>Neurology International</i> , 2012, 4, 16.	1.3	27
16	Electroencephalographic changes after one night of sleep deprivation. <i>Arquivos De Neuro-Psiquiatria</i> , 2006, 64, 388-393.	0.3	25
17	Sensorimotor integration and psychopathology: Motor control abnormalities related to psychiatric disorders. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 560-573.	1.3	24
18	Lower trait frontal theta activity in mindfulness meditators. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 687-693.	0.3	23

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19	Identifying musical pieces from fMRI data using encoding and decoding models. <i>Scientific Reports</i> , 2018, 8, 2266.	1.6	22
20	Effects of caffeine on visual evoked potential (P300) and neuromotor performance. <i>Arquivos De Neuro-Psiquiatria</i> , 2004, 62, 385-390.	0.3	20
21	Electrophysiological analysis of a sensorimotor integration task. <i>Neuroscience Letters</i> , 2007, 426, 155-159.	1.0	19
22	Changes in saccadic eye movement (SEM) and quantitative EEG parameter in bipolar patients. <i>Journal of Affective Disorders</i> , 2013, 145, 378-385.	2.0	19
23	Time perception impairs sensory-motor integration in Parkinson's disease. <i>International Archive of Medicine</i> , 2013, 6, 39.	1.2	19
24	Gamma band oscillations under influence of bromazepam during a sensorimotor integration task: An EEG coherence study. <i>Neuroscience Letters</i> , 2010, 469, 145-149.	1.0	18
25	Cortical Reorganization after Hand Immobilization: The beta qEEG Spectral Coherence Evidences. <i>PLoS ONE</i> , 2013, 8, e79912.	1.1	18
26	Neuromodulatory effect of bromazepam on motor learning: An electroencephalographic approach. <i>Neuroscience Letters</i> , 2006, 407, 166-170.	1.0	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. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	17
28	Frontal cortex absolute beta power measurement in Panic Disorder with Agoraphobia patients. <i>Journal of Affective Disorders</i> , 2015, 184, 176-181.	2.0	17
29	Therapeutic applications of repetitive transcranial magnetic stimulation in clinical neurorehabilitation. <i>Functional Neurology</i> , 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. <i>Arquivos De Neuro-Psiquiatria</i> , 2006, 64, 382-387.	0.3	16
31	Alpha absolute power: motor learning of practical pistol shooting. <i>Arquivos De Neuro-Psiquiatria</i> , 2008, 66, 336-340.	0.3	15
32	Intra- and inter-tester reproducibility of venous occlusion plethysmography: comparison between a manual and a semi-automatic method of blood flow analysis. <i>Physiological Measurement</i> , 2009, 30, 1267-1279.	1.2	14
33	Low-frequency rTMS over the Parieto-frontal network during a sensorimotor task: The role of absolute beta power in the sensorimotor integration. <i>Neuroscience Letters</i> , 2016, 611, 1-5.	1.0	14
34	Visual event-related potential (P300): a normative study. <i>Arquivos De Neuro-Psiquiatria</i> , 2004, 62, 575-581.	0.3	11
35	Effects of Caffeine on Electrophysiological and Neuropsychological Indices after Sleep Deprivation. <i>Neuropsychobiology</i> , 2006, 54, 126-133.	0.9	11
36	Changes in quantitative EEG absolute power during the task of catching an object in free fall. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 633-636.	0.3	11

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37	Responsiveness of sensorimotor cortex during pharmacological intervention with bromazepam. <i>Neuroscience Letters</i> , 2008, 448, 33-36.	1.0	11
38	Electroencephalographic findings in panic disorder. <i>Trends in Psychiatry and Psychotherapy</i> , 2013, 35, 238-251.	0.4	11
39	Electrical mapping in bipolar disorder patients during the oddball paradigm. <i>Journal of Psychiatric Research</i> , 2016, 72, 64-71.	1.5	11
40	EEG spectral coherence inter and intrahemispheric during catching object fall task. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 63-67.	0.3	10
41	Integration of cortical areas during performance of a catching ball task. <i>Neuroscience Letters</i> , 2008, 446, 7-10.	1.0	10
42	Electrophysiological analysis of the perception of passive movement. <i>Neuroscience Letters</i> , 2011, 501, 61-66.	1.0	10
43	Premotor and occipital theta asymmetries as discriminators of memory- and stimulus-guided tasks. <i>Brain Research Bulletin</i> , 2012, 87, 103-108.	1.4	10
44	Alpha absolute power measurement in panic disorder with agoraphobia patients. <i>Journal of Affective Disorders</i> , 2013, 151, 259-264.	2.0	10
45	Effortless Attention as a Biomarker for Experienced Mindfulness Practitioners. <i>PLoS ONE</i> , 2015, 10, e0138561.	1.1	10
46	Low-frequency rTMS in the superior parietal cortex affects the working memory in horizontal axis during the spatial task performance. <i>Neurological Sciences</i> , 2018, 39, 527-532.	0.9	10
47	Analysis of the influence of bromazepam on cognitive performance through the visual evoked potential (P300). <i>Arquivos De Neuro-Psiquiatria</i> , 2005, 63, 228-234.	0.3	9
48	Influence of bromazepam on cortical interhemispheric coherence. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 77-81.	0.3	9
49	Functional coupling of sensorimotor and associative areas during a catching ball task: a qEEG coherence study. <i>International Archive of Medicine</i> , 2012, 5, 9.	1.2	9
50	Changes in the theta band coherence during motor task after hand immobilization. <i>International Archive of Medicine</i> , 2014, 7, 51.	1.2	9
51	EEG coherence as a diagnostic tool to measure the initial stages of Parkinson Disease. <i>Medical Hypotheses</i> , 2019, 123, 74-78.	0.8	9
52	Neuromodulatory effects of caffeine and bromazepam on visual event-related potential (P300): a comparative study. <i>Arquivos De Neuro-Psiquiatria</i> , 2005, 63, 410-415.	0.3	9
53	Spectral F-Test power evaluation in the EEG during intermittent photic stimulator. <i>Arquivos De Neuro-Psiquiatria</i> , 2006, 64, 228-232.	0.3	9
54	Deep Brain Stimulation: A New Treatment in Mood and Anxiety Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 961-971.	0.8	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.	0.9	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.	1.0	8
57	Event-related potential (P300): the effects of levetiracetam in cognitive performance. <i>Neurological Sciences</i> , 2021, 42, 2309-2316.	0.9	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.	0.1	7
59	Objective response detection technique in frequency-domain for reflecting changes in MLAEP. <i>Medical Engineering and Physics</i> , 2007, 29, 910-917.	0.8	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.	1.0	7
61	Changes in absolute theta power in bipolar patients during a saccadic attention task. <i>Psychiatry Research</i> , 2015, 228, 785-790.	1.7	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.	0.3	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.	1.0	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.	1.0	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.	0.3	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.	0.4	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.	1.2	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.	0.8	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.	1.1	6
71	Cortical asymmetry: catching an object in free fall. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 623-627.	0.3	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.	1.0	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. <i>Neuroscience Letters</i> , 2011, 496, 116-120.	1.0	5
74	Alpha-band power in the left frontal cortex discriminates the execution of fixed stimulus during saccadic eye movement. <i>Neuroscience Letters</i> , 2012, 523, 148-153.	1.0	5
75	Does immobilization of dependent hand promote adaptative changes in cerebral cortex? An analysis through qEEG asymmetry. <i>Neuroscience Letters</i> , 2013, 538, 20-25.	1.0	5
76	Comparative Analysis Electroencephalographic of Alpha, Beta and Gamma Bands of a Healthy Individual and One with Hemiparesis. <i>Journal of Physical Therapy Science</i> , 2014, 26, 801-804.	0.2	5
77	Unconsciousness indication using time-domain parameters extracted from mid-latency auditory evoked potentials. <i>Journal of Clinical Monitoring and Computing</i> , 2002, 17, 361-366.	0.7	4
78	Discriminating among different types of verb-complement merge in Brazilian Portuguese: an ERP study of morpho-syntactic sub-processes. <i>Journal of Neurolinguistics</i> , 2004, 17, 425-437.	0.5	4
79	Motor learning processes: an electrophysiologic perspective. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 951-954.	0.3	4
80	Posterior parietal cortex role in a sensorimotor task performance. <i>Arquivos De Neuro-Psiquiatria</i> , 2008, 66, 341-343.	0.3	4
81	Effects of a cognitive modulator in the theta and alpha asymmetry during a typewriting task: a sensorimotor integration perspective. <i>Arquivos De Neuro-Psiquiatria</i> , 2009, 67, 214-218.	0.3	4
82	Dietary habits and inadequate control of blood pressure in hypertensive adults assisted by a Brazilian Family Doctor Program. <i>Public Health Nutrition</i> , 2011, 14, 2176-2184.	1.1	4
83	Effects of Methylphenidate on performance of a practical pistol shooting task: a quantitative electroencephalography (qEEG) study. <i>International Archive of Medicine</i> , 2011, 4, 6.	1.2	4
84	Cognitive mechanisms and motor control during a saccadic eye movement task: evidence from quantitative electroencephalography. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 506-513.	0.3	4
85	Dopaminergic drugs alter beta coherence during motor imagery and motor execution in healthy adults. <i>Arquivos De Neuro-Psiquiatria</i> , 2020, 78, 199-205.	0.3	4
86	Open monitoring meditation alters the EEG gamma coherence in experts meditators: The expert practice exhibit greater right intra-hemispheric functional coupling. <i>Consciousness and Cognition</i> , 2022, 102, 103354.	0.8	4
87	The influence of bromazepam on cortical power distribution. <i>Anais Da Academia Brasileira De Ciencias</i> , 2008, 80, 335-340.	0.3	3
88	Gamma band oscillations in parietooccipital areas during performance of a sensorimotor integration task: a qEEG coherence study. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 304-309.	0.3	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. <i>Journal of the Neurological Sciences</i> , 2012, 312, 62-67.	0.3	3
90	How high level of anxiety in Panic Disorder can interfere in working memory? A computer simulation and electrophysiological investigation. <i>Journal of Psychiatric Research</i> , 2017, 95, 238-246.	1.5	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.	1.0	3
92	Methylphenidate modifies activity in the prefrontal and parietal cortex accelerating the time judgment. <i>Neurological Sciences</i> , 2019, 40, 829-837.	0.9	3
93	Bromazepam Impairs Motor Response: An ERSP Study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011, 10, 945-950.	0.8	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.	0.3	3
95	Alpha power oscillation in the frontal cortex under Bromazepam and Modafinil effects. <i>Arquivos De Neuro-Psiquiatria</i> , 2015, 73, 918-923.	0.3	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.	0.8	2
98	The role of low-frequency rTMS in the superior parietal cortex during time estimation. <i>Neurological Sciences</i> , 2019, 40, 1183-1189.	0.9	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.	1.0	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.	0.8	2
101	Changes of somatomotor and parietal regions produced by different amounts of electrical stimulation. <i>Neuroscience Letters</i> , 2010, 469, 150-154.	1.0	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.	1.5	1
103	Repetitive Transcranial Magnetic Stimulation changes absolute theta power during cognitive/motor tasks. <i>Neuroscience Letters</i> , 2018, 687, 77-81.	1.0	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.	0.8	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.	1.2	1
106	Event-Related Synchronization and Desynchronization in Virtual-Reality Ball Interception Protocol. <i>IFMBE Proceedings</i> , 2019, , 219-224.	0.2	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.	1.0	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.	0.2	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.	0.4	0