

D B Araujo

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

3,748
citations

218677

26
h-index

144013

57
g-index

80
all docs

80
docs citations

80
times ranked

2972
citing authors

#	ARTICLE	IF	CITATIONS
1	LSD and creativity: Increased novelty and symbolic thinking, decreased utility and convergent thinking. <i>Journal of Psychopharmacology</i> , 2022, 36, 348-359.	4.0	16
2	The Dream of God: How Do Religion and Science See Lucid Dreaming and Other Conscious States During Sleep?. <i>Frontiers in Psychology</i> , 2020, 11, 555731.	2.1	8
3	Changes in Cortisol but Not in Brain-Derived Neurotrophic Factor Modulate the Association Between Sleep Disturbances and Major Depression. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 44.	2.0	19
4	Effects of Yoga Respiratory Practice (Bhastrika pranayama) on Anxiety, Affect, and Brain Functional Connectivity and Activity: A Randomized Controlled Trial. <i>Frontiers in Psychiatry</i> , 2020, 11, 467.	2.6	48
5	Changes in inflammatory biomarkers are related to the antidepressant effects of Ayahuasca. <i>Journal of Psychopharmacology</i> , 2020, 34, 1125-1133.	4.0	60
6	Unveiling ayahuasca psychopharmacology: the accomplishments of Jordi Riba (1968-2020). <i>Revista Brasileira De Psiquiatria</i> , 2020, , .	1.7	1
7	Rapid antidepressant effects of the psychedelic ayahuasca in treatment-resistant depression: a randomized placebo-controlled trial. <i>Psychological Medicine</i> , 2019, 49, 655-663.	4.5	479
8	Is perception the missing link between creativity, curiosity and schizotypy? Evidence from spontaneous eye-movements and responses to auditory oddball stimuli. <i>NeuroImage</i> , 2019, 202, 116125.	4.2	10
9	The Impact of Ayahuasca on Suicidality: Results From a Randomized Controlled Trial. <i>Frontiers in Pharmacology</i> , 2019, 10, 1325.	3.5	44
10	Characterizing Complex Networks Using Entropy-Degree Diagrams: Unveiling Changes in Functional Brain Connectivity Induced by Ayahuasca. <i>Entropy</i> , 2019, 21, 128.	2.2	25
11	Modulation of Serum Brain-Derived Neurotrophic Factor by a Single Dose of Ayahuasca: Observation From a Randomized Controlled Trial. <i>Frontiers in Psychology</i> , 2019, 10, 1234.	2.1	114
12	Acute effects of ayahuasca in a juvenile non-human primate model of depression. <i>Revista Brasileira De Psiquiatria</i> , 2019, 41, 280-288.	1.7	29
13	Neurofunctional changes after a single mirror therapy intervention in chronic ischemic stroke. <i>International Journal of Neuroscience</i> , 2018, 128, 966-974.	1.6	13
14	Anatomical and Functional MRI Changes after One Year of Auditory Rehabilitation with Hearing Aids. <i>Neural Plasticity</i> , 2018, 2018, 1-13.	2.2	28
15	Cortisol Modulation by Ayahuasca in Patients With Treatment Resistant Depression and Healthy Controls. <i>Frontiers in Psychiatry</i> , 2018, 9, 185.	2.6	83
16	Assessing the Psychedelic "After-Glow" in Ayahuasca Users: Post-Acute Neurometabolic and Functional Connectivity Changes Are Associated with Enhanced Mindfulness Capacities. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 698-711.	2.1	111
17	Short term changes in the proteome of human cerebral organoids induced by 5-MeO-DMT. <i>Scientific Reports</i> , 2017, 7, 12863.	3.3	87
18	Shannon entropy of brain functional complex networks under the influence of the psychedelic Ayahuasca. <i>Scientific Reports</i> , 2017, 7, 7388.	3.3	98

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19	Performance quantification of clustering algorithms for false positive removal in fMRI by ROC curves. <i>Research on Biomedical Engineering</i> , 2017, 33, 31-41.	2.2	0
20	Functional versus Nonfunctional Rehabilitation in Chronic Ischemic Stroke: Evidences from a Randomized Functional MRI Study. <i>Neural Plasticity</i> , 2016, 2016, 1-10.	2.2	7
21	Time-Perception Network and Default Mode Network Are Associated with Temporal Prediction in a Periodic Motion Task. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 268.	2.0	21
22	The Importance of Wild Canids in the Epidemiology of Rabies in Northeast Brazil: A Retrospective Study. <i>Zoonoses and Public Health</i> , 2016, 63, 486-493.	2.2	21
23	Treating Addiction. <i>International Review of Neurobiology</i> , 2016, 129, 157-185.	2.0	18
24	Behavioral and neuroimaging responses induced by mental imagery of threatening scenarios. <i>Behavioural Brain Research</i> , 2016, 313, 358-369.	2.2	13
25	Antidepressant Effects of a Single Dose of Ayahuasca in Patients With Recurrent Depression. <i>Journal of Clinical Psychopharmacology</i> , 2016, 36, 77-81.	1.4	364
26	Amygdala responses to unpleasant pictures are influenced by task demands and positive affect trait. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 107.	2.0	19
27	The Psychedelic State Induced by Ayahuasca Modulates the Activity and Connectivity of the Default Mode Network. <i>PLoS ONE</i> , 2015, 10, e0118143.	2.5	308
28	Long-term use of psychedelic drugs is associated with differences in brain structure and personality in humans. <i>European Neuropsychopharmacology</i> , 2015, 25, 483-492.	0.7	145
29	Antidepressant effects of a single dose of ayahuasca in patients with recurrent depression: a preliminary report. <i>Revista Brasileira De Psiquiatria</i> , 2015, 37, 13-20.	1.7	341
30	Galvanic vestibular stimulator for fMRI studies. <i>Revista Brasileira De Engenharia Biomedica</i> , 2014, 30, 70-82.	0.3	8
31	Brain complex network analysis by means of resting state fMRI and graph analysis: Will it be helpful in clinical epilepsy?. <i>Epilepsy and Behavior</i> , 2014, 38, 71-80.	1.7	45
32	The Therapeutic Potentials of Ayahuasca in the Treatment of Depression. , 2014, , 23-39.		18
33	Application of Partial Directed Coherence to the Analysis of Resting-State EEG-fMRI Data. <i>Brain Connectivity</i> , 2013, 3, 563-568.	1.7	15
34	Quantification of BOLD fMRI parameters to infer cerebrovascular reactivity of the middle cerebral artery. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1203-1209.	3.4	1
35	Effects of diazepam on BOLD activation during the processing of aversive faces. <i>Journal of Psychopharmacology</i> , 2012, 26, 443-451.	4.0	51
36	Behavioral and EEG effects of GABAergic manipulation of the nigro-tectal pathway in the Wistar audiogenic rat (WAR) strain II: An EEG wavelet analysis and retrograde neuronal tracer approach. <i>Epilepsy and Behavior</i> , 2012, 24, 391-398.	1.7	7

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37	Supine sleep and positional sleep apnea after acute ischemic stroke and intracerebral hemorrhage. Clinics, 2012, 67, 1357-1360.	1.5	16
38	Seeing with the eyes shut: Neural basis of enhanced imagery following ayahuasca ingestion. Human Brain Mapping, 2012, 33, 2550-2560.	3.6	156
39	Arterial Spin Labeling Measurements of Cerebral Perfusion Territories in Experimental Ischemic Stroke. Translational Stroke Research, 2012, 3, 44-55.	4.2	7
40	Magnetic resonance imaging quantification of regional cerebral blood flow and cerebrovascular reactivity to carbon dioxide in normotensive and hypertensive rats. NeuroImage, 2011, 58, 75-81.	4.2	47
41	Antecedent descriptions change brain reactivity to emotional stimuli: a functional magnetic resonance imaging study of an extrinsic and incidental reappraisal strategy. Neuroscience, 2011, 193, 241-248.	2.3	66
42	Persistent pusher behavior after a stroke. Clinics, 2011, 66, 2169-2171.	1.5	15
43	Neuroimaging in stroke and non-stroke pusher patients. Arquivos De Neuro-Psiquiatria, 2011, 69, 914-919.	0.8	17
44	Brain tissue segmentation using q-entropy in multiple sclerosis magnetic resonance images. Brazilian Journal of Medical and Biological Research, 2010, 43, 77-84.	1.5	19
45	The Stability of the Blood Oxygenation Level-Dependent Functional MRI Response to Motor Tasks Is Altered in Patients With Chronic Ischemic Stroke. Stroke, 2010, 41, 1921-1926.	2.0	24
46	From EEG to BOLD: Brain mapping and estimating transfer functions in simultaneous EEG-fMRI acquisitions. NeuroImage, 2010, 50, 1416-1426.	4.2	23
47	Obstructive Sleep Apnea Is Frequent in Patients with Hypertensive Intracerebral Hemorrhage and Is Related to Perihematoma Edema. Cerebrovascular Diseases, 2010, 29, 36-42.	1.7	22
48	Detection of Auditory Cortex Activity by fMRI Using a Dependent Component Analysis. Advances in Experimental Medicine and Biology, 2010, 657, 135-145.	1.6	2
49	Real-Time Spatial Localization System of Brain Regions for TMS Application by Co-registration with fMRI. IFMBE Proceedings, 2010, , 92-96.	0.3	0
50	Non-extensive entropy and the extraction of BOLD spatial information in event-related functional MRI. Physics in Medicine and Biology, 2009, 54, 161-174.	3.0	18
51	Generalized relative entropy in functional magnetic resonance imaging. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 41-50.	2.6	16
52	Clinical Feasibility of AÃ§ai (Euterpe olerÃ§icea) Pulp as an Oral Contrast Agent for Magnetic Resonance Cholangiopancreatography. Journal of Computer Assisted Tomography, 2009, 33, 666-671.	0.9	14
53	Human Variability of fMRI Brain Activation in Response to Oculomotor Stimuli. Brain Topography, 2008, 20, 113-121.	1.8	7
54	A semi-automated algorithm for studying neuronal oscillatory patterns: A wavelet-based time frequency and coherence analysis. Journal of Neuroscience Methods, 2008, 167, 384-392.	2.5	21

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55	Formaldehyde increases MAGIC gel dosimeter melting point and sensitivity. <i>Physics in Medicine and Biology</i> , 2008, 53, N53-N58.	3.0	63
56	Quantitative evaluation of hemodynamic response after hypercapnia among different brain territories by fMRI. <i>NeuroImage</i> , 2008, 41, 1192-1198.	4.2	24
57	A numerical study of the Kullback-Leibler distance in functional magnetic resonance imaging. <i>Brazilian Journal of Physics</i> , 2008, 38, 20-25.	1.4	13
58	Rapid BOLD fMRI signal loss in the primary motor cortex of a stroke patient. <i>Arquivos De Neuro-Psiquiatria</i> , 2008, 66, 885-887.	0.8	5
59	Dependent component analysis for the magnetogastrographic detection of human electrical response activity. <i>Physiological Measurement</i> , 2007, 28, 1029-1044.	2.1	8
60	Pushing behavior and hemiparesis: which is critical for functional recovery in pusher patients ? Case report. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 536-539.	0.8	18
61	Variable fMRI activation during two different language tasks in a patient with cognitive delay. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 985-987.	0.8	4
62	Extraction of Gastric Electrical Response Activity from Magnetogastrographic Recordings by DCA. <i>Lecture Notes in Computer Science</i> , 2007, , 585-592.	1.3	0
63	MRI relaxometry: methods and applications. <i>Brazilian Journal of Physics</i> , 2006, 36, 9.	1.4	57
64	Language and Motor fMRI Activation in Polymicrogyric Cortex. <i>Epilepsia</i> , 2006, 47, 589-592.	5.1	39
65	Brain surface reformatted imaging (BSRI) in surgical planning for resections around eloquent cortex. <i>Child's Nervous System</i> , 2006, 22, 1122-1126.	1.1	9
66	Quantitative aspects of brain perfusion dynamic induced by BOLD fMRI. <i>Arquivos De Neuro-Psiquiatria</i> , 2006, 64, 895-898.	0.8	17
67	Generalized mutual information tests applied to fMRI analysis. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005, 352, 629-644.	2.6	14
68	Liver iron concentration evaluated by two magnetic methods: Magnetic resonance imaging and magnetic susceptibility. <i>Magnetic Resonance in Medicine</i> , 2005, 54, 122-128.	3.0	50
69	Spatiotemporal evaluation of human colon motility using three-axis fluxgates and magnetic markers. <i>Medical and Biological Engineering and Computing</i> , 2005, 43, 712-715.	2.8	11
70	Fetal source extraction from magnetocardiographic recordings by dependent component analysis. <i>Physics in Medicine and Biology</i> , 2005, 50, 4457-4464.	3.0	12
71	Posture control in Pusher syndrome: influence of lateral semicircular canals. <i>Brazilian Journal of Otorhinolaryngology</i> , 2005, 71, 448-452.	1.0	5
72	Contraversive pushing in non-stroke patients. <i>Journal of Neurology</i> , 2004, 251, 1324-1328.	3.6	30

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73	Euterpe oleracea (açaçá) as an alternative oral contrast agent in MRI of the gastrointestinal system: preliminary results. <i>Magnetic Resonance Imaging</i> , 2004, 22, 389-393.	1.8	27
74	Generalized mutual information fMRI analysis: a study of the Tsallis q parameter. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 344, 705-711.	2.6	11
75	Spectroscopic studies in semiconductive phosphate glasses. <i>Physica Status Solidi A</i> , 2003, 198, 427-435.	1.7	0
76	Shannon entropy applied to the analysis of event-related fMRI time series. <i>NeuroImage</i> , 2003, 20, 311-317.	4.2	72
77	A NEW METHOD FOR THE ANALYSIS OF FUNCTIONAL MAGNETIC RESONANCE IMAGING DATA: MUTUAL INFORMATION TESTS. <i>Biomedizinische Technik</i> , 2003, 48, 102-103.	0.8	2
78	Theta Oscillations and Human Navigation: A Magnetoencephalography Study. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 70-78.	2.3	90
79	Event-Related Functional MRI and Information Theory. <i>Biomedizinische Technik</i> , 2001, 46, 251-253.	0.8	0