D B Araujo

List of Publications by Year in descending order

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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	Rapid antidepressant effects of the psychedelic ayahuasca in treatment-resistant depression: a randomized placebo-controlled trial. Psychological Medicine, 2019, 49, 655-663.	4.5	479
2	Antidepressant Effects of a Single Dose of Ayahuasca in Patients With Recurrent Depression. Journal of Clinical Psychopharmacology, 2016, 36, 77-81.	1.4	364
3	Antidepressant effects of a single dose of ayahuasca in patients with recurrent depression: a preliminary report. Revista Brasileira De Psiquiatria, 2015, 37, 13-20.	1.7	341
4	The Psychedelic State Induced by Ayahuasca Modulates the Activity and Connectivity of the Default Mode Network. PLoS ONE, 2015, 10, e0118143.	2.5	308
5	Seeing with the eyes shut: Neural basis of enhanced imagery following ayahuasca ingestion. Human Brain Mapping, 2012, 33, 2550-2560.	3.6	156
6	Long-term use of psychedelic drugs is associated with differences in brain structure and personality in humans. European Neuropsychopharmacology, 2015, 25, 483-492.	0.7	145
7	Modulation of Serum Brain-Derived Neurotrophic Factor by a Single Dose of Ayahuasca: Observation From a Randomized Controlled Trial. Frontiers in Psychology, 2019, 10, 1234.	2.1	114
8	Assessing the Psychedelic â€œAfter-Glowâ€•in Ayahuasca Users: Post-Acute Neurometabolic and Functional Connectivity Changes Are Associated with Enhanced Mindfulness Capacities. International Journal of Neuropsychopharmacology, 2017, 20, 698-711.	2.1	111
9	Shannon entropy of brain functional complex networks under the influence of the psychedelic Ayahuasca. Scientific Reports, 2017, 7, 7388.	3.3	98
10	Theta Oscillations and Human Navigation: A Magnetoencephalography Study. Journal of Cognitive Neuroscience, 2002, 14, 70-78.	2.3	90
11	Short term changes in the proteome of human cerebral organoids induced by 5-MeO-DMT. Scientific Reports, 2017, 7, 12863.	3.3	87
12	Cortisol Modulation by Ayahuasca in Patients With Treatment Resistant Depression and Healthy Controls. Frontiers in Psychiatry, 2018, 9, 185.	2.6	83
13	Shannon entropy applied to the analysis of event-related fMRI time series. NeuroImage, 2003, 20, 311-317.	4.2	72
14	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
15	Formaldehyde increases MAGIC gel dosimeter melting point and sensitivity. Physics in Medicine and Biology, 2008, 53, N53-N58.	3.0	63
16	Changes in inflammatory biomarkers are related to the antidepressant effects of Ayahuasca. Journal of Psychopharmacology, 2020, 34, 1125-1133.	4.0	60
17	MRI relaxometry: methods and applications. Brazilian Journal of Physics, 2006, 36, 9.	1.4	57
18	Effects of diazepam on BOLD activation during the processing of aversive faces. Journal of Psychopharmacology, 2012, 26, 443-451.	4.0	51

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19	Liver iron concentration evaluated by two magnetic methods: Magnetic resonance imaging and magnetic susceptometry. Magnetic Resonance in Medicine, 2005, 54, 122-128.	3.0	50
20	Effects of Yoga Respiratory Practice (Bhastrika pranayama) on Anxiety, Affect, and Brain Functional Connectivity and Activity: A Randomized Controlled Trial. Frontiers in Psychiatry, 2020, 11, 467.	2.6	48
21	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
22	Brain complex network analysis by means of resting state fMRI and graph analysis: Will it be helpful in clinical epilepsy?. Epilepsy and Behavior, 2014, 38, 71-80.	1.7	45
23	The Impact of Ayahuasca on Suicidality: Results From a Randomized Controlled Trial. Frontiers in Pharmacology, 2019, 10, 1325.	3.5	44
24	Language and Motor fMRI Activation in Polymicrogyric Cortex. Epilepsia, 2006, 47, 589-592.	5.1	39
25	Contraversive pushing in non-stroke patients. Journal of Neurology, 2004, 251, 1324-1328.	3.6	30
26	Acute effects of ayahuasca in a juvenile non-human primate model of depression. Revista Brasileira De Psiquiatria, 2019, 41, 280-288.	1.7	29
27	Anatomical and Functional MRI Changes after One Year of Auditory Rehabilitation with Hearing Aids. Neural Plasticity, 2018, 2018, 1-13.	2.2	28
28	Euterpe olerÃ¡cea (aÃ§aÄ±Ì§) as an alternative oral contrast agent in MRI of the gastrointestinal system: preliminary results. Magnetic Resonance Imaging, 2004, 22, 389-393.	1.8	27
29	Characterizing Complex Networks Using Entropy-Degree Diagrams: Unveiling Changes in Functional Brain Connectivity Induced by Ayahuasca. Entropy, 2019, 21, 128.	2.2	25
30	Quantitative evaluation of hemodynamic response after hypercapnia among different brain territories by fMRI. NeuroImage, 2008, 41, 1192-1198.	4.2	24
31	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
32	From EEG to BOLD: Brain mapping and estimating transfer functions in simultaneous EEG-fMRI acquisitions. NeuroImage, 2010, 50, 1416-1426.	4.2	23
33	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
34	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
35	Time-Perception Network and Default Mode Network Are Associated with Temporal Prediction in a Periodic Motion Task. Frontiers in Human Neuroscience, 2016, 10, 268.	2.0	21
36	The Importance of Wild Canids in the Epidemiology of Rabies in Northeast Brazil: A Retrospective Study. Zoonoses and Public Health, 2016, 63, 486-493.	2.2	21

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37	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
38	Amygdala responses to unpleasant pictures are influenced by task demands and positive affect trait. Frontiers in Human Neuroscience, 2015, 9, 107.	2.0	19
39	Changes in Cortisol but Not in Brain-Derived Neurotrophic Factor Modulate the Association Between Sleep Disturbances and Major Depression. Frontiers in Behavioral Neuroscience, 2020, 14, 44.	2.0	19
40	Pushing behavior and hemiparesis: which is critical for functional recovery in pusher patients ? Case report. Arquivos De Neuro-Psiquiatria, 2007, 65, 536-539.	0.8	18
41	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
42	Treating Addiction. International Review of Neurobiology, 2016, 129, 157-185.	2.0	18
43	The Therapeutic Potentials of Ayahuasca in the Treatment of Depression. , 2014, , 23-39.		18
44	Neuroimaging in stroke and non-stroke pusher patients. Arquivos De Neuro-Psiquiatria, 2011, 69, 914-919.	0.8	17
45	Quantitative aspects of brain perfusion dynamic induced by BOLD fMRI. Arquivos De Neuro-Psiquiatria, 2006, 64, 895-898.	0.8	17
46	Generalized relative entropy in functional magnetic resonance imaging. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 41-50.	2.6	16
47	Supine sleep and positional sleep apnea after acute ischemic stroke and intracerebral hemorrhage. Clinics, 2012, 67, 1357-1360.	1.5	16
48	LSD and creativity: Increased novelty and symbolic thinking, decreased utility and convergent thinking. Journal of Psychopharmacology, 2022, 36, 348-359.	4.0	16
49	Persistent pusher behavior after a stroke. Clinics, 2011, 66, 2169-2171.	1.5	15
50	Application of Partial Directed Coherence to the Analysis of Resting-State EEG-fMRI Data. Brain Connectivity, 2013, 3, 563-568.	1.7	15
51	Generalized mutual information tests applied to fMRI analysis. Physica A: Statistical Mechanics and Its Applications, 2005, 352, 629-644.	2.6	14
52	Clinical Feasibility of AÃ§ai (Euterpe olerÃ¡cea) Pulp as an Oral Contrast Agent for Magnetic Resonance Cholangiopancreatography. Journal of Computer Assisted Tomography, 2009, 33, 666-671.	0.9	14
53	A numerical study of the Kullback-Leibler distance in functional magnetic resonance imaging. Brazilian Journal of Physics, 2008, 38, 20-25.	1.4	13
54	Behavioral and neuroimaging responses induced by mental imagery of threatening scenarios. Behavioural Brain Research, 2016, 313, 358-369.	2.2	13

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55	Neurofunctional changes after a single mirror therapy intervention in chronic ischemic stroke. International Journal of Neuroscience, 2018, 128, 966-974.	1.6	13
56	Fetal source extraction from magnetocardiographic recordings by dependent component analysis. Physics in Medicine and Biology, 2005, 50, 4457-4464.	3.0	12
57	Generalized mutual information fMRI analysis: a study of the Tsallis q parameter. Physica A: Statistical Mechanics and Its Applications, 2004, 344, 705-711.	2.6	11
58	Spatiotemporal evaluation of human colon motility using three-axis fluxgates and magnetic markers. Medical and Biological Engineering and Computing, 2005, 43, 712-715.	2.8	11
59	Is perception the missing link between creativity, curiosity and schizotypy? Evidence from spontaneous eye-movements and responses to auditory oddball stimuli. NeuroImage, 2019, 202, 116125.	4.2	10
60	Brain surface reformatted imaging (BSRI) in surgical planning for resections around eloquent cortex. Child's Nervous System, 2006, 22, 1122-1126.	1.1	9
61	Dependent component analysis for the magnetogastrographic detection of human electrical response activity. Physiological Measurement, 2007, 28, 1029-1044.	2.1	8
62	Galvanic vestibular stimulator for fMRI studies. Revista Brasileira De Engenharia Biomedica, 2014, 30, 70-82.	0.3	8
63	The Dream of God: How Do Religion and Science See Lucid Dreaming and Other Conscious States During Sleep?. Frontiers in Psychology, 2020, 11, 555731.	2.1	8
64	Human Variability of fMRI Brain Activation in Response to Oculomotor Stimuli. Brain Topography, 2008, 20, 113-121.	1.8	7
65	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. Epilepsy and Behavior, 2012, 24, 391-398.	1.7	7
66	Arterial Spin Labeling Measurements of Cerebral Perfusion Territories in Experimental Ischemic Stroke. Translational Stroke Research, 2012, 3, 44-55.	4.2	7
67	Functional versus Nonfunctional Rehabilitation in Chronic Ischemic Stroke: Evidences from a Randomized Functional MRI Study. Neural Plasticity, 2016, 2016, 1-10.	2.2	7
68	Posture control in Pusher syndrome: influence of lateral semicircular canals. Brazilian Journal of Otorhinolaryngology, 2005, 71, 448-452.	1.0	5
69	Rapid BOLD fMRI signal loss in the primary motor cortex of a stroke patient. Arquivos De Neuro-Psiquiatria, 2008, 66, 885-887.	0.8	5
70	Variable fMRI activation during two different language tasks in a patient with cognitive delay. Arquivos De Neuro-Psiquiatria, 2007, 65, 985-987.	0.8	4
71	A NEW METHOD FOR THE ANALYSIS OF FUNCTIONAL MAGNETIC RESONANCE IMAGING DATA: MUTUAL INFORMATION TESTS. Biomedizinische Technik, 2003, 48, 102-103.	0.8	2
72	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

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73	Quantification of BOLD fMRI parameters to infer cerebrovascular reactivity of the middle cerebral artery. Journal of Magnetic Resonance Imaging, 2013, 38, 1203-1209.	3.4	1
74	Unveiling ayahuasca psychopharmacology: the accomplishments of Jordi Riba (1968-2020). Revista Brasileira De Psiquiatria, 2020, , .	1.7	1
75	Event-Related Functional MRI and Information Theory. Biomedizinische Technik, 2001, 46, 251-253.	0.8	0
76	Spectroscopic studies in semiconductive phosphate glasses. Physica Status Solidi A, 2003, 198, 427-435.	1.7	0
77	Performance quantification of clustering algorithms for false positive removal in fMRI by ROC curves. Research on Biomedical Engineering, 2017, 33, 31-41.	2.2	0
78	Extraction of Gastric Electrical Response Activity from Magnetogastrographic Recordings by DCA. Lecture Notes in Computer Science, 2007, , 585-592.	1.3	0
79	Real-Time Spatial Localization System of Brain Regions for TMS Application by Co-registration with fMRI. IFMBE Proceedings, 2010, , 92-96.	0.3	0