

# Edson Amaro

## List of Publications by Year in descending order

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251  
papers

7,899  
citations

53794  
45  
h-index

69250  
77  
g-index

269  
all docs

269  
docs citations

269  
times ranked

12873  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study design in fMRI: Basic principles. Brain and Cognition, 2006, 60, 220-232.	1.8	396
2	Application of hyperthermia induced by superparamagnetic iron oxide nanoparticles in glioma treatment. International Journal of Nanomedicine, 2011, 6, 591.	6.7	198
3	Regional Gray Matter Abnormalities in Obsessive-Compulsive Disorder: A Voxel-Based Morphometry Study. Biological Psychiatry, 2005, 58, 479-487.	1.3	197
4	White matter microstructure underlying default mode network connectivity in the human brain. NeuroImage, 2010, 49, 2021-2032.	4.2	185
5	Exomic variants of an elderly cohort of Brazilians in the ABraOM database. Human Mutation, 2017, 38, 751-763.	2.5	181
6	The effect of negative emotional context on neural and behavioural responses to oesophageal stimulation. Brain, 2003, 126, 669-684.	7.6	177
7	Meditation training increases brain efficiency in an attention task. NeuroImage, 2012, 59, 745-749.	4.2	175
8	Modulation of activity in temporal cortex during generation of inner speech. Human Brain Mapping, 2002, 16, 219-227.	3.6	174
9	Subregional Basal Forebrain Atrophy in Alzheimer's Disease: A Multicenter Study. Journal of Alzheimer's Disease, 2014, 40, 687-700.	2.6	173
10	An fMRI Study of Verbal Self-monitoring: Neural Correlates of Auditory Verbal Feedback. Cerebral Cortex, 2006, 16, 969-977.	2.9	169
11	Acoustic noise and functional magnetic resonance imaging: Current strategies and future prospects. Journal of Magnetic Resonance Imaging, 2002, 16, 497-510.	3.4	162
12	Age-related gray matter volume changes in the brain during non-elderly adulthood. Neurobiology of Aging, 2011, 32, 354-368.	3.1	158
13	Aging Effects on Whole-Brain Functional Connectivity in Adults Free of Cognitive and Psychiatric Disorders. Cerebral Cortex, 2016, 26, 3851-3865.	2.9	157
14	Misattribution of speech and impaired connectivity in patients with auditory verbal hallucinations. Human Brain Mapping, 2007, 28, 1213-1222.	3.6	150
15	Neural correlates of anxiety associated with obsessive-compulsive symptom dimensions in normal volunteers. Biological Psychiatry, 2003, 53, 482-493.	1.3	136
16	A method to produce evolving functional connectivity maps during the course of an fMRI experiment using wavelet-based time-varying Granger causality. NeuroImage, 2006, 31, 187-196.	4.2	132
17	Neural correlates of the misattribution of speech in schizophrenia. British Journal of Psychiatry, 2007, 190, 162-169.	2.8	119
18	Brain Response to Visceral Aversive Conditioning: A Functional Magnetic Resonance Imaging Study. Gastroenterology, 2005, 128, 1819-1829.	1.3	114

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19	Silent speechreading in the absence of scanner noise. <i>NeuroReport</i> , 2000, 11, 1729-1733.	1.2	108
20	Subthalamic Nucleus Deep Brain Stimulation: Basic Concepts and Novel Perspectives. <i>ENeuro</i> , 2017, 4, ENEURO.0140-17.2017.	1.9	106
21	Depression in Parkinson's disease: Convergence from voxel-based morphometry and functional magnetic resonance imaging in the limbic thalamus. <i>NeuroImage</i> , 2009, 47, 467-472.	4.2	104
22	Human attachment security is mediated by the amygdala: Evidence from combined fMRI and psychophysiological measures. <i>Human Brain Mapping</i> , 2006, 27, 623-635.	3.6	102
23	Temporal course of auditory hallucinations. <i>British Journal of Psychiatry</i> , 2004, 185, 516-517.	2.8	99
24	Randomized, proof-of-principle clinical trial of active transcranial magnetic stimulation in chronic migraine. <i>Cephalalgia</i> , 2014, 34, 464-472.	3.9	98
25	Biocompatible superparamagnetic iron oxide nanoparticles used for contrast agents: a structural and magnetic study. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 289, 439-441.	2.3	96
26	Cholinergic basal forebrain atrophy predicts amyloid burden in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 482-491.	3.1	94
27	Factors associated with lower gait speed among the elderly living in a developing country: a cross-sectional population-based study. <i>BMC Geriatrics</i> , 2015, 15, 35.	2.7	88
28	Stroke lesion in cortical neural circuits and post-stroke incidence of major depressive episode: A 4-month prospective study. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 539-548.	2.6	87
29	Use of SVM Methods with Surface-Based Cortical and Volumetric Subcortical Measurements to Detect Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 1263-1272.	2.6	82
30	Cognitive Correlates of Basal Forebrain Atrophy and Associated Cortical Hypometabolism in Mild Cognitive Impairment. <i>Cerebral Cortex</i> , 2016, 26, 2411-2426.	2.9	81
31	Mesenchymal stem cells from umbilical cord blood: parameters for isolation, characterization and adipogenic differentiation. <i>Cytotechnology</i> , 2012, 64, 511-521.	1.6	76
32	Bilateral activation of the prefrontal cortex after strategic semantic cognitive training. <i>Human Brain Mapping</i> , 2006, 27, 288-295.	3.6	75
33	Age effects on the default mode and control networks in typically developing children. <i>Journal of Psychiatric Research</i> , 2014, 58, 89-95.	3.1	74
34	rTMS treatment for depression in Parkinson's disease increases BOLD responses in the left prefrontal cortex. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 173-83.	2.1	72
35	Staging Alzheimer's disease progression with multimodality neuroimaging. <i>Progress in Neurobiology</i> , 2011, 95, 535-546.	5.7	68
36	Diffusion Tensor Imaging Biomarkers to Predict Motor Outcomes in Stroke: A Narrative Review. <i>Frontiers in Neurology</i> , 2019, 10, 445.	2.4	65

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37	Multisite fMRI reproducibility of a motor task using identical MR systems. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 1122-1126.	3.4	58
38	Higher nigrostriatal dopamine neuron loss in early than late onset Parkinson's disease?â€”A [99mTc]-TRODAT-1 SPECT study. <i>Movement Disorders</i> , 2007, 22, 863-866.	3.9	56
39	Grey matter abnormalities in Brazilians with first-episode psychosis. <i>British Journal of Psychiatry</i> , 2007, 191, s117-s122.	2.8	55
40	Performing functional magnetic resonance imaging in patients with Parkinson's disease treated with deep brain stimulation. <i>Movement Disorders</i> , 2006, 21, 1154-1162.	3.9	51
41	Quantitative Pathology of Nasal Passages in Rats Exposed to Urban Levels of Air Pollution. <i>Environmental Research</i> , 1994, 66, 87-95.	7.5	50
42	Wavelet based time-varying vector autoregressive modelling. <i>Computational Statistics and Data Analysis</i> , 2007, 51, 5847-5866.	1.2	50
43	Abnormal visual activation in Parkinson's disease patients. <i>Movement Disorders</i> , 2010, 25, 1590-1596.	3.9	50
44	Analyzing the connectivity between regions of interest: An approach based on cluster Granger causality for fMRI data analysis. <i>NeuroImage</i> , 2010, 52, 1444-1455.	4.2	49
45	Neural correlates of the misattribution of self-generated speech. <i>Human Brain Mapping</i> , 2005, 26, 44-53.	3.6	48
46	Interaction of brain areas of visual and vestibular simultaneous activity with fMRI. <i>Experimental Brain Research</i> , 2015, 233, 237-252.	1.5	48
47	Rapid hippocampal plasticity supports motor sequence learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23898-23903.	7.1	48
48	Cavum septum pellucidum and adhesio interthalamica in schizophrenia: an MRI study. <i>European Psychiatry</i> , 2006, 21, 291-299.	0.2	47
49	A New Mental Health Mobile App for Well-Being and Stress Reduction in Working Women: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2019, 21, e14269.	4.3	46
50	Evaluating SVM and MLDA in the extraction of discriminant regions for mental state prediction. <i>NeuroImage</i> , 2009, 46, 105-114.	4.2	45
51	Increased dopamine transporter density in Parkinson's disease patients with social anxiety disorder. <i>Journal of the Neurological Sciences</i> , 2011, 310, 53-57.	0.6	45
52	Decreased centrality of subcortical regions during the transition to adolescence: A functional connectivity study. <i>NeuroImage</i> , 2015, 104, 44-51.	4.2	43
53	Chronic Traumatic Encephalopathy Presenting as Alzheimerâ€™s Disease in a Retired Soccer Player. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 169-174.	2.6	43
54	How Doctors Generate Diagnostic Hypotheses: A Study of Radiological Diagnosis with Functional Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2011, 6, e28752.	2.5	42

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55	Identification of psychopathic individuals using pattern classification of MRI images. Social Neuroscience, 2011, 6, 627-639.	1.3	40
56	A Randomized, Controlled Trial of Exercise for Parkinsonian Individuals With Freezing of Gait. Movement Disorders, 2020, 35, 1607-1617.	3.9	39
57	Assessment of factors that confound MRI and neuropathological correlation of human postmortem brain tissue. Cell and Tissue Banking, 2008, 9, 195-203.	1.1	37
58	Magnetic resonance diffusion tensor imaging for the pedunculopontine nucleus: proof of concept and histological correlation. Brain Structure and Function, 2017, 222, 2547-2558.	2.3	35
59	Greater Cortical Thickness in Elderly Female Yoga Practitioners—A Cross-Sectional Study. Frontiers in Aging Neuroscience, 2017, 9, 201.	3.4	35
60	Semantic strategy training increases memory performance and brain activity in patients with prefrontal cortex lesions. Clinical Neurology and Neurosurgery, 2013, 115, 309-316.	1.4	34
61	Effect of scanner acoustic background noise on strict resting-state fMRI. Brazilian Journal of Medical and Biological Research, 2013, 46, 359-367.	1.5	33
62	Antidepressant effects of tDCS are associated with prefrontal gray matter volumes at baseline: Evidence from the ELECT-TDCS trial. Brain Stimulation, 2019, 12, 1197-1204.	1.6	33
63	Kinetics of elimination and distribution in blood and liver of biocompatible ferrofluids based on Fe <sub>3</sub> O <sub>4</sub> nanoparticles: An EPR and XRF study. Materials Science and Engineering C, 2008, 28, 519-525.	7.3	32
64	Default mode network maturation and psychopathology in children and adolescents. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 55-64.	5.2	31
65	Developmental trajectory of the prefrontal cortex: a systematic review of diffusion tensor imaging studies. Brain Imaging and Behavior, 2018, 12, 1197-1210.	2.1	31
66	GeoSES: A socioeconomic index for health and social research in Brazil. PLoS ONE, 2020, 15, e0232074.	2.5	31
67	Age-effects in white matter using associated diffusion tensor imaging and magnetization transfer ratio during late childhood and early adolescence. Magnetic Resonance Imaging, 2016, 34, 529-534.	1.8	29
68	An fMRI-compatible force measurement system for the evaluation of the neural correlates of step initiation. Scientific Reports, 2017, 7, 43088.	3.3	29
69	Reproducibility of human brain activity evoked by esophageal stimulation using functional magnetic resonance imaging. American Journal of Physiology - Renal Physiology, 2007, 293, G188-G197.	3.4	28
70	Hyperplane navigation: A method to set individual scores in fMRI group datasets. NeuroImage, 2008, 42, 1473-1480.	4.2	28
71	Improved detection of incipient vascular changes by a biotechnological platform combining post mortem MRI in situ with neuropathology. Journal of the Neurological Sciences, 2009, 283, 2-8.	0.6	28
72	Ferromagnetic resonance for the quantification of superparamagnetic iron oxide nanoparticles in biological materials. International Journal of Nanomedicine, 2010, 5, 203.	6.7	28

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73	Differences in prefrontal cortex activation and deactivation during strategic episodic verbal memory encoding in mild cognitive impairment. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 147.	3.4	28
74	Altered Functional Connectivity Between Precuneus and Motor Systems in Parkinson's Disease Patients. <i>Brain Connectivity</i> , 2017, 7, 643-647.	1.7	28
75	Substantia nigra fractional anisotropy is not a diagnostic biomarker of Parkinson's disease: A diagnostic performance study and meta-analysis. <i>European Radiology</i> , 2017, 27, 2640-2648.	4.5	28
76	High thickness histological sections as alternative to study the three-dimensional microscopic human sub-cortical neuroanatomy. <i>Brain Structure and Function</i> , 2018, 223, 1121-1132.	2.3	28
77	Frontal and anterior cingulate activation during overt verbal fluency in patients with first episode psychosis. <i>Revista Brasileira De Psiquiatria</i> , 2005, 27, 228-232.	1.7	27
78	Hippocampal CA3 Transcriptome Signature Correlates with Initial Precipitating Injury in Refractory Mesial Temporal Lobe Epilepsy. <i>PLoS ONE</i> , 2011, 6, e26268.	2.5	27
79	Right Inferior Frontal Gyrus Activation Is Associated with Memory Improvement in Patients with Left Frontal Low-Grade Glioma Resection. <i>PLoS ONE</i> , 2014, 9, e105987.	2.5	26
80	Effects of Adjuvant Chemotherapy on Cognitive Function of Patients With Early-stage Colorectal Cancer. <i>Clinical Colorectal Cancer</i> , 2019, 18, 19-27.	2.3	26
81	Brain atrophy in primary progressive aphasia involves the cholinergic basal forebrain and Ayala's nucleus. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 187-194.	1.8	25
82	Temporal stability of network centrality in control and default mode networks: Specific associations with externalizing psychopathology in children and adolescents. <i>Human Brain Mapping</i> , 2015, 36, 4926-4937.	3.6	25
83	Effects of a 7-Day Meditation Retreat on the Brain Function of Meditators and Non-Meditators During an Attention Task. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 222.	2.0	25
84	Brain Imaging in Fibromyalgia. <i>Current Pain and Headache Reports</i> , 2012, 16, 388-398.	2.9	24
85	Phonemic Fluency in Portuguese-speaking Subjects in Brazil: Ranking of Letters. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2006, 28, 1191-1200.	1.3	23
86	Synthesis and characterization of silica-coated nanoparticles of magnetite. <i>Hyperfine Interactions</i> , 2010, 195, 265-274.	0.5	23
87	From EEG to BOLD: Brain mapping and estimating transfer functions in simultaneous EEG-fMRI acquisitions. <i>NeuroImage</i> , 2010, 50, 1416-1426.	4.2	23
88	Texture analysis of high resolution MRI allows discrimination between febrile and afebrile initial precipitating injury in mesial temporal sclerosis. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1647-1653.	3.0	23
89	Greater Anteroposterior Default Mode Network Functional Connectivity in Long-Term Elderly Yoga Practitioners. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 158.	3.4	23
90	Genetic risk for Alzheimer's disease and functional brain connectivity in children and adolescents. <i>Neurobiology of Aging</i> , 2019, 82, 10-17.	3.1	23

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91	Complex Network Analysis of CA3 Transcriptome Reveals Pathogenic and Compensatory Pathways in Refractory Temporal Lobe Epilepsy. PLoS ONE, 2013, 8, e79913.	2.5	22
92	Structural and functional analyses of the optic nerve and lateral geniculate nucleus in glaucoma. PLoS ONE, 2018, 13, e0194038.	2.5	22
93	Brain activity patterns during phonological verbal fluency performance with varying levels of difficulty: A functional magnetic resonance imaging study in Portuguese-speaking healthy individuals. Journal of Clinical and Experimental Neuropsychology, 2011, 33, 864-873.	1.3	20
94	The role of artificial intelligence and machine learning in harmonization of high-resolution post-mortem MRI (virtopsy) with respect to brain microstructure. Brain Informatics, 2019, 6, 3.	3.0	20
95	Magnetic characterization by SQUID and FMR of a biocompatible ferrofluid based on $\text{Fe}_3\text{O}_4$ . Journal of Physics Condensed Matter, 2009, 21, 115104.	1.8	19
96	Higher burnout scores in paediatric residents are associated with increased brain activity during attentional functional magnetic resonance imaging task. Acta Paediatrica, International Journal of Paediatrics, 2016, 105, 705-713.	1.5	19
97	Coordinated brain development: exploring the synchrony between changes in grey and white matter during childhood maturation. Brain Imaging and Behavior, 2017, 11, 808-817.	2.1	19
98	Volume reduction of the corpus callosum and its relationship with deficits in interhemispheric transfer of information in recent-onset psychosis. Psychiatry Research - Neuroimaging, 2010, 184, 1-9.	1.8	18
99	Pedunculopontine Nucleus Cholinergic Deficiency in Cervical Dystonia. Movement Disorders, 2018, 33, 827-834.	3.9	18
100	Cognitive and Brain Activity Changes After Mnemonic Strategy Training in Amnesic Mild Cognitive Impairment: Evidence From a Randomized Controlled Trial. Frontiers in Aging Neuroscience, 2018, 10, 342.	3.4	18
101	The accuracy of hippocampal volumetry and glucose metabolism for the diagnosis of patients with suspected Alzheimer's disease, using automatic quantitative clinical tools. Medicine (United States), 2019, 98, e17824.	1.0	18
102	An fMRI normative database for connectivity networks using one-class support vector machines. Human Brain Mapping, 2009, 30, 1068-1076.	3.6	17
103	Brain Imaging Analysis Can Identify Participants under Regular Mental Training. PLoS ONE, 2012, 7, e39832.	2.5	17
104	Increased variability of motor cortical excitability to transcranial magnetic stimulation in migraine: a new clue to an old enigma. Journal of Headache and Pain, 2012, 13, 29-37.	6.0	17
105	An Image Correction Protocol to Reduce Distortion for 3-T Stereotactic MRI. Neurosurgery, 2014, 74, 121-127.	1.1	17
106	Multimodal Whole Brain Registration: MRI and High Resolution Histology. , 2016, , .		17
107	Deep learning for Alzheimer's disease: Mapping large-scale histological tau protein for neuroimaging biomarker validation. NeuroImage, 2022, 248, 118790.	4.2	17
108	DWT-CEM: an algorithm for scale-temporal clustering in fMRI. Biological Cybernetics, 2007, 97, 33-45.	1.3	16

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109	A normal life without muscle dystrophin. <i>Neuromuscular Disorders</i> , 2015, 25, 371-374.	0.6	16
110	Commentary: Functional connectome fingerprint: identifying individuals using patterns of brain connectivity. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 47.	2.0	16
111	Self-compassion is associated with less stress and depression and greater attention and brain response to affective stimuli in women managers. <i>BMC Women's Health</i> , 2018, 18, 195.	2.0	16
112	Preliminary functional magnetic resonance imaging Stroop task results before and after a Zen meditation retreat. <i>Psychiatry and Clinical Neurosciences</i> , 2008, 62, 366-366.	1.8	15
113	Brain regions supporting verbal memory improvement in healthy older subjects. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 663-670.	0.8	15
114	The association of post-stroke anhedonia with&nbsp;salivary cortisol levels and stroke lesion in&nbsp;hippocampal/parahippocampal region. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 233.	2.2	15
115	Brain white matter microstructure in obese women with binge eating disorder. <i>European Eating Disorders Review</i> , 2020, 28, 525-535.	4.1	15
116	Microstates in complex and dynamical environments: Unraveling situational awareness in critical helicopter landing maneuvers. <i>Human Brain Mapping</i> , 2021, 42, 3168-3181.	3.6	15
117	Neural activity changes to emotional stimuli in healthy individuals under chronic use of clomipramine. <i>Journal of Psychopharmacology</i> , 2010, 24, 1165-1174.	4.0	14
118	SEVERITAS: An externally validated mortality prediction for critically ill patients in low and middle-income countries. <i>International Journal of Medical Informatics</i> , 2019, 131, 103959.	3.3	14
119	Evaluation of Glaucomatous Damage via Functional Magnetic Resonance Imaging, and Correlations Thereof with Anatomical and Psychophysical Ocular Findings. <i>PLoS ONE</i> , 2015, 10, e0126362.	2.5	14
120	Characterization of the Biocompatible Magnetic Colloid on the Basis of Fe<sub>3</sub>O<sub>4</sub> Nanoparticles Coated with Dextran, Used as Contrast Agent in Magnetic Resonance Imaging. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 4145-4153.	0.9	13
121	Cognitive control associated with irritability induction: an autobiographical recall fMRI study. <i>Revista Brasileira De Psiquiatria</i> , 2010, 32, 109-118.	1.7	13
122	Motor Readiness Increases Brain Connectivity Between Default-Mode Network and Motor Cortex: Impact on Sampling Resting Periods from fMRI Event-Related Studies. <i>Brain Connectivity</i> , 2015, 5, 631-640.	1.7	13
123	Connectome hubs at resting state in children and adolescents: Reproducibility and psychopathological correlation. <i>Developmental Cognitive Neuroscience</i> , 2016, 20, 2-11.	4.0	13
124	Association between abnormal brain functional connectivity in children and psychopathology: A study based on graph theory and machine learning. <i>World Journal of Biological Psychiatry</i> , 2018, 19, 119-129.	2.6	13
125	Quantitative Dual-Energy Computed Tomography Predicts Regional Perfusion Heterogeneity in a Model of Acute Lung Injury. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 866-872.	0.9	13
126	In vitro study of CD133 human stem cells labeled with superparamagnetic iron oxide nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2008, 4, 330-339.	3.3	12

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127	A systematic review of magnetic resonance imaging and spectroscopy in brain injury after drowning. <i>Brain Injury</i> , 2009, 23, 707-714.	1.2	12
128	Cortical Thickness Reduction of Normal Appearing Cortex in Patients with Polymicrogyria. <i>Journal of Neuroimaging</i> , 2010, 20, 46-52.	2.0	12
129	Training gains and transfer effects after mnemonic strategy training in mild cognitive impairment: A fMRI study. <i>International Journal of Psychophysiology</i> , 2020, 154, 15-26.	1.0	12
130	Complex slow potential generators in a simplified attention paradigm. <i>International Journal of Psychophysiology</i> , 2006, 61, 149-157.	1.0	11
131	Differences between postmortem computed tomography and conventional autopsy in a stabbing murder case. <i>Clinics</i> , 2014, 69, 683-687.	1.5	11
132	Subcortical neurodegeneration in chorea: Similarities and differences between chorea-acanthocytosis and Huntington's disease. <i>Parkinsonism and Related Disorders</i> , 2018, 49, 54-59.	2.2	11
133	Effects of the brain-derived neurotrophic factor variant Val66Met on cortical structure in late childhood and early adolescence. <i>Journal of Psychiatric Research</i> , 2018, 98, 51-58.	3.1	11
134	Ultrastructural characterization of CD133 <sup>+</sup> stem cells bound to superparamagnetic nanoparticles: possible biotechnological applications. <i>Journal of Microscopy</i> , 2008, 231, 374-383.	1.8	10
135	Wavelet correlation between subjects: A time-scale data driven analysis for brain mapping using fMRI. <i>Journal of Neuroscience Methods</i> , 2011, 194, 350-357.	2.5	10
136	Tumor growth analysis by magnetic resonance imaging of the C6 glioblastoma model with prospects for the assessment of magnetohyperthermia therapy. <i>Einstein (Sao Paulo, Brazil)</i> , 2012, 10, 11-15.	0.7	10
137	PET/MRI: a novel hybrid imaging technique. Major clinical indications and preliminary experience in Brazil. <i>Einstein (Sao Paulo, Brazil)</i> , 2017, 15, 115-118.	0.7	10
138	Impaired brain dopamine transporter in chemobrain patients submitted to brain SPECT imaging using the technetium-99m labeled tracer TRODAT-1. <i>Annals of Nuclear Medicine</i> , 2019, 33, 269-279.	2.2	10
139	Resting state functional connectivity and neural correlates of face-name encoding in patients with ischemic vascular lesions with and without the involvement of the left inferior frontal gyrus. <i>Cortex</i> , 2019, 113, 15-28.	2.4	10
140	Brain networks associated with anticipatory postural adjustments in Parkinson's disease patients with freezing of gait. <i>NeuroImage: Clinical</i> , 2020, 28, 102461.	2.7	10
141	Sensorimotor white matter projections and disease severity in primary Restless Legs Syndrome/Willis-Ekbom disease: a multimodal DTI analysis. <i>Sleep Medicine</i> , 2020, 73, 106-116.	1.6	10
142	Long-term stability of the cortical volumetric profile and the functional human connectome throughout childhood and adolescence. <i>European Journal of Neuroscience</i> , 2021, 54, 6187-6201.	2.6	10
143	The impact of functional connectivity changes on support vector machines mapping of fMRI data. <i>Journal of Neuroscience Methods</i> , 2008, 172, 94-104.	2.5	9
144	The Ultrastructural Study of Tumorigenic Cells Using Nanobiomarkers. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2010, 25, 289-298.	1.0	9

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145	Brain network dynamics characterization in epileptic seizures. <i>European Physical Journal: Special Topics</i> , 2014, 223, 2933-2941.	2.6	9
146	Reduced Prefrontal Activation in Pediatric Patients With Obsessive-Compulsive Disorder During Verbal Episodic Memory Encoding. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 849-858.	0.5	9
147	Functional magnetic resonance imaging response as an early biomarker of cognitive decline in elderly patients with metabolic syndrome. <i>Archives of Gerontology and Geriatrics</i> , 2017, 73, 1-7.	3.0	9
148	Mind wandering and the attention network system. <i>Acta Psychologica</i> , 2017, 172, 49-54.	1.5	9
149	Functional resonance magnetic imaging (fMRI) in adolescents with idiopathic musculoskeletal pain: a paradigm of experimental pain. <i>Pediatric Rheumatology</i> , 2017, 15, 81.	2.1	9
150	Associations between children's family environment, spontaneous brain oscillations, and emotional and behavioral problems. <i>European Child and Adolescent Psychiatry</i> , 2019, 28, 835-845.	4.7	9
151	Epidemiological Analysis of Carotid Artery Stenosis Intervention during 10 years in the Public Health System in the Largest City in Brazil: Stenting Has Been More Common than Endarterectomy. <i>Annals of Vascular Surgery</i> , 2020, 66, 378-384.	0.9	9
152	COVID-19 information exposure in digital media and implications for employees in the health care sector: findings from an online survey. <i>Einstein (Sao Paulo, Brazil)</i> , 2020, 18, eAO6127.	0.7	9
153	Galvanic vestibular stimulator for fMRI studies. <i>Revista Brasileira De Engenharia Biomedica</i> , 2014, 30, 70-82.	0.3	8
154	Predictive saccades in children and adults: A combined fMRI and eye tracking study. <i>PLoS ONE</i> , 2018, 13, e0196000.	2.5	8
155	Analysis of fractional anisotropy and mean diffusivity in refractory and non-refractory idiopathic generalized epilepsies. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 62, 33-37.	2.0	8
156	Intervention Models in Functional Connectivity Identification Applied to fMRI. <i>International Journal of Biomedical Imaging</i> , 2006, 2006, 1-7.	3.9	7
157	Latin American Brain Mapping Network (LABMAN). <i>NeuroImage</i> , 2009, 47, 312-313.	4.2	7
158	Characterization of Adherent Umbilical Cord Blood Stromal Cells Regarding Passage, Cell Number, and Nano-biomarking Utilization. <i>Cellular Reprogramming</i> , 2010, 12, 391-403.	0.9	7
159	Healthy individuals treated with clomipramine: an fMRI study of brain activity during autobiographical recall of emotions. <i>Translational Psychiatry</i> , 2014, 4, e405-e405.	4.8	7
160	Brain injury after moderate drowning: subtle alterations detected by functional magnetic resonance imaging. <i>Brain Imaging and Behavior</i> , 2017, 11, 1412-1421.	2.1	7
161	Low frequency fluctuation of brain spontaneous activity and obsessive-compulsive symptoms in a large school-age sample. <i>Journal of Psychiatric Research</i> , 2018, 96, 224-230.	3.1	7
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