

Edson Amaro

List of Publications by Year in descending order

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Version: 2024-02-01

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	A cluster based model for brain activity data staging. Biomedical Signal Processing and Control, 2022, 71, 103200.	5.7	0
2	Deep learning for Alzheimer's disease: Mapping large-scale histological tau protein for neuroimaging biomarker validation. NeuroImage, 2022, 248, 118790.	4.2	17
3	Epidemiological analysis of 556 procedures of open thoracoabdominal aortic aneurysm repair in the Public Health System in the largest Brazilian city. Einstein (Sao Paulo, Brazil), 2022, 20, eAO6724.	0.7	2
4	Effects of Repetitive Peripheral Sensory Stimulation in the Subacute and Chronic Phases After Stroke: Study Protocol for a Pilot Randomized Trial. Frontiers in Neurology, 2022, 13, 779128.	2.4	0
5	Epidemiology of Abdominal Aortic Aneurysm Repair in Brazil from 2008 to 2019 and Comprehensive Review of Nationwide Statistics Across the World. World Journal of Surgery, 2022, 46, 1485-1492.	1.6	2
6	Nationwide Cross-Sectional Epidemiological Analysis of 3,306 Lower Limb Peripheral Aneurysm Repairs in Brazilian Public Hospitals Between 2008 and 2019: Trends, Mortality and Costs. Annals of Vascular Surgery, 2022, , .	0.9	0
7	Temporal trends in vena cava filter implantation in public health system inpatients: an 11-year analysis of the largest city in Brazil. Jornal Vascular Brasileiro, 2022, 21, e20210186.	0.5	0
8	Epilepsy under the scope of ultra-high field MRI. Epilepsy and Behavior, 2021, 121, 106366.	1.7	7
9	Prefrontal resting-state connectivity and antidepressant response: no associations in the ELECT-TDCS trial. European Archives of Psychiatry and Clinical Neuroscience, 2021, 271, 123-134.	3.2	4
10	Lower Limb Revascularization for Peripheral Arterial Disease in 10,951 Procedures over 11 Years in a Public Health System: A Descriptive Analysis of the Largest Brazilian City. Annals of Vascular Surgery, 2021, 70, 223-229.	0.9	4
11	Cerebral Responses to Stationary Emotional Stimuli Measured by fMRI in Women with Persistent Postural-Perceptual Dizziness. International Archives of Otorhinolaryngology, 2021, 25, e355-e364.	0.8	7
12	Endovascular correction of isolated descending thoracic aortic disease: a descriptive analysis of 1,344 procedures over 10 years in the public health system of São Paulo. Clinics, 2021, 76, e2332.	1.5	2
13	The Neurobiology of Zika Virus: New Models, New Challenges. Frontiers in Neuroscience, 2021, 15, 654078.	2.8	3
14	Comparative Analysis of Artery Anatomy Evaluated by Postmortem Tomography, CT Angiography, and Postmortem and Predeath CT Scans. Annals of Vascular Surgery, 2021, 72, 124-137.	0.9	2
15	Communication Intervention Using Digital Technology to Facilitate Informed Choices at Childbirth in the Context of the COVID-19 Pandemic: Protocol for a Randomized Controlled Trial. JMIR Research Protocols, 2021, 10, e25016.	1.0	2
16	Microstates in complex and dynamical environments: Unraveling situational awareness in critical helicopter landing maneuvers. Human Brain Mapping, 2021, 42, 3168-3181.	3.6	15
17	Epidemiological Analysis of 37,424 Carotid Artery Stenosis Intervention Procedures During 11 Years in the Public Health System in Brazil: Stenting has Been More Common Than Endarterectomy. Annals of Vascular Surgery, 2021, 76, 269-275.	0.9	3
18	Global efficiency of the motor network is decreased in Parkinson's disease in comparison with essential tremor and healthy controls. Brain and Behavior, 2021, 11, e02178.	2.2	7

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19	Engagement of Language and Domain General Networks during Word Monitoring in a Native and Unknown Language. <i>Brain Sciences</i> , 2021, 11, 1063.	2.3	5
20	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
21	Quantitative assessment of pilot-endured workloads during helicopter flying emergencies: an analysis of physiological parameters during an autorotation. <i>Scientific Reports</i> , 2021, 11, 17734.	3.3	5
22	Can news with positive or negative content affect and a relaxation pause improve the emotional state of health care professionals? A randomized online experiment during COVID-19 pandemic. <i>Internet Interventions</i> , 2021, 26, 100441.	2.7	4
23	Epidemiological Analysis of 5,595 Procedures of Endovascular Correction of Isolated Descending Thoracic Aortic Disease Over 12 Years in the Public Health System in Brazil. <i>Clinics</i> , 2021, 76, e2890.	1.5	3
24	COVID-19 news valence effects on emotion and its modulation by a relaxation: A randomized online experiment during COVID-19 pandemic. <i>Internet Interventions</i> , 2021, 26, 100472.	2.7	3
25	Virtual Rehabilitation in Parkinson Disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021, 100, 359-366.	1.4	3
26	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
27	Behavioral and Neural Correlates of Cognitive Training and Transfer Effects in Stroke Patients. <i>Frontiers in Neurology</i> , 2020, 11, 1048.	2.4	5
28	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
29	Mnemonic strategy training modulates functional connectivity at rest in mild cognitive impairment: Results from a randomized controlled trial. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12075.	3.7	2
30	Brain white matter microstructure in obese women with binge eating disorder. <i>European Eating Disorders Review</i> , 2020, 28, 525-535.	4.1	15
31	Magnetic Resonance Imaging for Glaucoma Evaluation. <i>Journal of Glaucoma</i> , 2020, 29, 622-626.	1.6	4
32	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
33	Chronic low back pain and sick-leave: a functional magnetic resonance study. <i>Advances in Rheumatology</i> , 2020, 60, 46.	1.7	5
34	Covid-19 telescreening in SUS users with risk conditions. <i>Revista De Saude Publica</i> , 2020, 54, 101.	1.7	1
35	Mnemonic strategic training increases functional connectivity in amnesic mild cognitive impairment: Results from a randomized controlled trial. <i>Alzheimer's and Dementia</i> , 2020, 16, e037260.	0.8	0
36	Structural Analysis of Glaucoma Brain and its Association With Ocular Parameters. <i>Journal of Glaucoma</i> , 2020, 29, 393-400.	1.6	6

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37	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
38	A Randomized, Controlled Trial of Exercise for Parkinsonian Individuals With Freezing of Gait. <i>Movement Disorders</i> , 2020, 35, 1607-1617.	3.9	39
39	Epidemiological Analysis of Carotid Artery Stenosis Intervention during 10Âyears 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
40	Improving Spatial Normalization of Brain Diffusion MRI to Measure Longitudinal Changes of Tissue Microstructure in the Cortex and White Matter. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 766-775.	3.4	7
41	GeoSES: A socioeconomic index for health and social research in Brazil. <i>PLoS ONE</i> , 2020, 15, e0232074.	2.5	31
42	Visual losses in early-onset and late-onset Parkinsonâ€™s disease. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2020, 37, A285.	1.5	6
43	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
44	Combining neuropsychological tests to improve the assessment of arithmetic difficulties in children with ADHD. <i>Arquivos De Neuro-Psiquiatria</i> , 2020, 78, 193-198.	0.8	0
45	Task-related brain activity and functional connectivity in upper limb dystonia: a functional magnetic resonance imaging (fMRI) and functional near-infrared spectroscopy (fNIRS) study. <i>Neurophotonics</i> , 2020, 7, 045004.	3.3	7
46	GeoSES: A socioeconomic index for health and social research in Brazil. , 2020, 15, e0232074.		0
47	GeoSES: A socioeconomic index for health and social research in Brazil. , 2020, 15, e0232074.		0
48	GeoSES: A socioeconomic index for health and social research in Brazil. , 2020, 15, e0232074.		0
49	GeoSES: A socioeconomic index for health and social research in Brazil. , 2020, 15, e0232074.		0
50	The effects of perceived chronic stress on the fMRI correlates of attentional control in women managers. <i>Archives of Women's Mental Health</i> , 2019, 22, 375-381.	2.6	1
51	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
52	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
53	The role of artificial intelligence and machine learning in harmonization of high-resolution post-mortem MRI (virtopsy) with respect to brain microstructure. <i>Brain Informatics</i> , 2019, 6, 3.	3.0	20
54	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

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55	Connective Core Structures in Cognitive Networks: the Role of Hubs. <i>Entropy</i> , 2019, 21, 961.	2.2	2
56	Diffusion Tensor Imaging Biomarkers to Predict Motor Outcomes in Stroke: A Narrative Review. <i>Frontiers in Neurology</i> , 2019, 10, 445.	2.4	65
57	Antidepressant effects of tDCS are associated with prefrontal gray matter volumes at baseline: Evidence from the ELECT-TDCS trial. <i>Brain Stimulation</i> , 2019, 12, 1197-1204.	1.6	33
58	S109. Antidepressant Effects of TDCS are Associated With Prefrontal Grey Matter Volumes at Baseline: Evidence From the ELECT-TDCS Trial. <i>Biological Psychiatry</i> , 2019, 85, S339-S340.	1.3	0
59	Short-interval intracortical inhibition is decreased in restless legs syndrome across a range of severity. <i>Sleep Medicine</i> , 2019, 62, 34-42.	1.6	5
60	Association Between Fractional Amplitude of Low-Frequency Spontaneous Fluctuation and Degree Centrality in Children and Adolescents. <i>Brain Connectivity</i> , 2019, 9, 379-387.	1.7	6
61	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
62	The accuracy of hippocampal volumetry and glucose metabolism for the diagnosis of patients with suspected Alzheimer's disease, using automatic quantitative clinical tools. <i>Medicine (United States)</i> , 2019, 98, e17824.	1.0	18
63	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
64	Quality of life is related to the functional connectivity of the default mode network at rest. <i>Brain Imaging and Behavior</i> , 2019, 13, 1418-1426.	2.1	7
65	Safety of cathodal transcranial direct current stimulation early after ischemic stroke. <i>Brain Stimulation</i> , 2019, 12, 374-376.	1.6	6
66	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
67	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
68	Distortion Correction Protocol for 3T Stereotactic Magnetic Resonance Imaging: A Clinical Study. <i>World Neurosurgery</i> , 2019, 122, e690-e699.	1.3	0
69	Quantitative evaluation of brain volume among elderly individuals in São Paulo, Brazil: a population-based study. <i>Radiologia Brasileira</i> , 2019, 52, 293-298.	0.7	6
70	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
71	Ultrasonography and magnetic resonance imaging of elbow ligaments: a comparative study. <i>Einstein (Sao Paulo, Brazil)</i> , 2019, 17, eAO4579.	0.7	6
72	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

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73	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
74	Pedunculopontine Nucleus Cholinergic Deficiency in Cervical Dystonia. <i>Movement Disorders</i> , 2018, 33, 827-834.	3.9	18
75	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
76	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
77	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
78	Developmental trajectory of the prefrontal cortex: a systematic review of diffusion tensor imaging studies. <i>Brain Imaging and Behavior</i> , 2018, 12, 1197-1210.	2.1	31
79	Cognitive performance in transient global hypoxic brain injury due to moderate drowning. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2018, 40, 462-472.	1.3	2
80	First Brazilian datathon in critical care. <i>Revista Brasileira De Terapia Intensiva</i> , 2018, 30, 6-8.	0.3	5
81	Posterior cingulate cortex/precuneus blood oxygen-level dependent signal changes during the repetition of an attention task in meditators and nonmeditators. <i>NeuroReport</i> , 2018, 29, 1463-1467.	1.2	7
82	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
83	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
84	Cognitive and Brain Activity Changes After Mnemonic Strategy Training in Amnesic Mild Cognitive Impairment: Evidence From a Randomized Controlled Trial. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 342.	3.4	18
85	Predictive saccades in children and adults: A combined fMRI and eye tracking study. <i>PLoS ONE</i> , 2018, 13, e0196000.	2.5	8
86	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
87	Synchronization structure of evolving epileptic networks using cross-entropy. <i>European Physical Journal: Special Topics</i> , 2018, 227, 883-893.	2.6	2
88	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
89	Cognition and brain function in elderly Tai Chi practitioners: A case-control study. <i>Explore: the Journal of Science and Healing</i> , 2018, 14, 352-356.	1.0	6
90	Structural and functional analyses of the optic nerve and lateral geniculate nucleus in glaucoma. <i>PLoS ONE</i> , 2018, 13, e0194038.	2.5	22

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91	Psychophysical and fMRI Assessment of Magnocellular and Parvocellular Responses in Patients with Parkinson's Disease. <i>Journal of Vision</i> , 2018, 18, 34.	0.3	0
92	Coordinated brain development: exploring the synchrony between changes in grey and white matter during childhood maturation. <i>Brain Imaging and Behavior</i> , 2017, 11, 808-817.	2.1	19
93	How doctors diagnose diseases and prescribe treatments: an fMRI study of diagnostic salience. <i>Scientific Reports</i> , 2017, 7, 1304.	3.3	6
94	Differences in Default Mode Network Connectivity in Meditators and Non-meditators During an Attention Task. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2017, 1, 228-234.	1.6	6
95	An fMRI-compatible force measurement system for the evaluation of the neural correlates of step initiation. <i>Scientific Reports</i> , 2017, 7, 43088.	3.3	29
96	Exomic variants of an elderly cohort of Brazilians in the ABraOM database. <i>Human Mutation</i> , 2017, 38, 751-763.	2.5	181
97	Magnetic resonance diffusion tensor imaging for the pedunculopontine nucleus: proof of concept and histological correlation. <i>Brain Structure and Function</i> , 2017, 222, 2547-2558.	2.3	35
98	Altered Functional Connectivity Between Precuneus and Motor Systems in Parkinson's Disease Patients. <i>Brain Connectivity</i> , 2017, 7, 643-647.	1.7	28
99	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
100	Fluid-Attenuated Inversion Recovery Vascular Hyperintensities in Patients with Transient Ischemic Attack. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2412-2415.	1.6	6
101	Neuroimaging Data From a Single Participant Before and After a Meditation Retreat: a Proof of Concept Study. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2017, 1, 235-241.	1.6	5
102	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
103	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
104	Mind wandering and the attention network system. <i>Acta Psychologica</i> , 2017, 172, 49-54.	1.5	9
105	Interictal abnormal fMRI activation of visual areas during a motor task cued by visual stimuli in migraine. <i>Einstein (Sao Paulo, Brazil)</i> , 2017, 15, 17-23.	0.7	4
106	Greater Cortical Thickness in Elderly Female Yoga Practitioners: A Cross-Sectional Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 201.	3.4	35
107	Commentary: Functional connectome fingerprint: identifying individuals using patterns of brain connectivity. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 47.	2.0	16
108	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

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127	Interaction of brain areas of visual and vestibular simultaneous activity with fMRI. <i>Experimental Brain Research</i> , 2015, 233, 237-252.	1.5	48
128	Local dimension-reduced dynamical spatio-temporal models for resting state network estimation. <i>Brain Informatics</i> , 2015, 2, 53-63.	3.0	4
129	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
130	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
131	A normal life without muscle dystrophin. <i>Neuromuscular Disorders</i> , 2015, 25, 371-374.	0.6	16
132	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
133	Decreased centrality of subcortical regions during the transition to adolescence: A functional connectivity study. <i>NeuroImage</i> , 2015, 104, 44-51.	4.2	43
134	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
135	Brain regions supporting verbal memory improvement in healthy older subjects. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 663-670.	0.8	15
136	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
137	Differences between postmortem computed tomography and conventional autopsy in a stabbing murder case. <i>Clinics</i> , 2014, 69, 683-687.	1.5	11
138	Galvanic vestibular stimulator for fMRI studies. <i>Revista Brasileira De Engenharia Biomedica</i> , 2014, 30, 70-82.	0.3	8
139	Randomized, proof-of-principle clinical trial of active transcranial magnetic stimulation in chronic migraine. <i>Cephalalgia</i> , 2014, 34, 464-472.	3.9	98
140	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
141	Brain network dynamics characterization in epileptic seizures. <i>European Physical Journal: Special Topics</i> , 2014, 223, 2933-2941.	2.6	9
142	Executive function and depressive symptoms of retardation in nonelderly stroke patients. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2014, 36, 636-647.	1.3	4
143	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
144	Subregional Basal Forebrain Atrophy in Alzheimer's Disease: A Multicenter Study. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 687-700.	2.6	173

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145	Testâ€“retest reliability of fMRI activation generated by different saccade tasks. Journal of Magnetic Resonance Imaging, 2014, 40, 37-46.	3.4	6
146	Local Sparse Component Analysis for Blind Source Separation: An application to resting state FMRI. , 2014, 2014, 5611-4.		2
147	Age effects on the default mode and control networks in typically developing children. Journal of Psychiatric Research, 2014, 58, 89-95.	3.1	74
148	Cholinergic basal forebrain atrophy predicts amyloid burden in Alzheimer's disease. Neurobiology of Aging, 2014, 35, 482-491.	3.1	94
149	IC-P-206: AGE-RELATED FUNCTIONAL CONNECTIVITY CHANGES: VARIATIONS IN MAGNITUDE AND SHIFTS FROM NEGATIVE TO POSITIVE CORRELATIONS. , 2014, 10, P112-P113.		1
150	An Image Correction Protocol to Reduce Distortion for 3-T Stereotactic MRI. Neurosurgery, 2014, 74, 121-127.	1.1	17
151	P3-197: AGE-RELATED FUNCTIONAL CONNECTIVITY CHANGES: VARIATIONS IN MAGNITUDE AND SHIFTS FROM NEGATIVE TO POSITIVE CORRELATIONS. , 2014, 10, P702-P702.		0
152	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
153	P.4.5 Muscle NMR imaging in the rare E650K mutation in the DNM2 gene in a centronuclear myopathy patient. Neuromuscular Disorders, 2013, 23, 761.	0.6	0
154	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
155	Complex Network Analysis of CA3 Transcriptome Reveals Pathogenic and Compensatory Pathways in Refractory Temporal Lobe Epilepsy. PLoS ONE, 2013, 8, e79913.	2.5	22
156	Performance assessment of the single photon emission microscope: high spatial resolution SPECT imaging of small animal organs. Brazilian Journal of Medical and Biological Research, 2013, 46, 936-942.	1.5	4
157	Mesenchymal stem cells from umbilical cord blood: parameters for isolation, characterization and adipogenic differentiation. Cytotechnology, 2012, 64, 511-521.	1.6	76
158	Meditation training increases brain efficiency in an attention task. NeuroImage, 2012, 59, 745-749.	4.2	175
159	Brain Imaging in Fibromyalgia. Current Pain and Headache Reports, 2012, 16, 388-398.	2.9	24
160	Brain Imaging Analysis Can Identify Participants under Regular Mental Training. PLoS ONE, 2012, 7, e39832.	2.5	17
161	Tumor growth analysis by magnetic resonance imaging of the C6 glioblastoma model with prospects for the assessment of magnetohyperthermia therapy. Einstein (Sao Paulo, Brazil), 2012, 10, 11-15.	0.7	10
162	Particokinetics: computational analysis of the superparamagnetic iron oxide nanoparticles deposition process. International Journal of Nanomedicine, 2012, 7, 2699.	6.7	6

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163	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
164	Nonlinear estimation of neural processing time from BOLD signal with application to decision-making. <i>Human Brain Mapping</i> , 2012, 33, 334-348.	3.6	0
165	Increased variability of motor cortical excitability to transcranial magnetic stimulation in migraine: a new clue to an old enigma. <i>Journal of Headache and Pain</i> , 2012, 13, 29-37.	6.0	17
166	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
167	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
168	Staging Alzheimer's disease progression with multimodality neuroimaging. <i>Progress in Neurobiology</i> , 2011, 95, 535-546.	5.7	68
169	Age-related gray matter volume changes in the brain during non-elderly adulthood. <i>Neurobiology of Aging</i> , 2011, 32, 354-368.	3.1	158
170	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
171	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
172	Application of hyperthermia induced by superparamagnetic iron oxide nanoparticles in glioma treatment. <i>International Journal of Nanomedicine</i> , 2011, 6, 591.	6.7	198
173	Identification of psychopathic individuals using pattern classification of MRI images. <i>Social Neuroscience</i> , 2011, 6, 627-639.	1.3	40
174	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
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