

Fabrizio Esposito

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

203
papers

9,247
citations

50
h-index

93
g-index

222
ext. papers

10,703
ext. citations

5.1
avg, IF

5.8
L-index

#	Paper	IF	Citations
203	Validating the independent components of neuroimaging time series via clustering and visualization. <i>NeuroImage</i> , 2004 , 22, 1214-22	7.9	854
202	Analysis of functional image analysis contest (FIAC) data with brainvoyager QX: From single-subject to cortically aligned group general linear model analysis and self-organizing group independent component analysis. <i>Human Brain Mapping</i> , 2006 , 27, 392-401	5.9	836
201	Differential sex-independent amygdala response to infant crying and laughing in parents versus nonparents. <i>Biological Psychiatry</i> , 2003 , 54, 1367-75	7.9	330
200	Processing of temporal unpredictability in human and animal amygdala. <i>Journal of Neuroscience</i> , 2007 , 27, 5958-66	6.6	329
199	Cortical and subcortical correlates of electroencephalographic alpha rhythm modulation. <i>Journal of Neurophysiology</i> , 2005 , 93, 2864-72	3.2	284
198	Independent component analysis of fMRI group studies by self-organizing clustering. <i>NeuroImage</i> , 2005 , 25, 193-205	7.9	274
197	Default-mode network connectivity in cognitively unimpaired patients with Parkinson disease. <i>Neurology</i> , 2012 , 79, 2226-32	6.5	229
196	Neural correlates of antinociception in borderline personality disorder. <i>Archives of General Psychiatry</i> , 2006 , 63, 659-67		220
195	Independent component model of the default-mode brain function: Assessing the impact of active thinking. <i>Brain Research Bulletin</i> , 2006 , 70, 263-9	3.9	205
194	Classification of fMRI independent components using IC-fingerprints and support vector machine classifiers. <i>NeuroImage</i> , 2007 , 34, 177-94	7.9	203
193	Tracking the mind's image in the brain I: time-resolved fMRI during visuospatial mental imagery. <i>Neuron</i> , 2002 , 35, 185-94	13.9	191
192	Spatiotemporal pattern of neural processing in the human auditory cortex. <i>Science</i> , 2002 , 297, 1706-8	33.3	183
191	Resting-state brain connectivity in patients with Parkinson's disease and freezing of gait. <i>Parkinsonism and Related Disorders</i> , 2012 , 18, 781-7	3.6	177
190	Rhythm-specific modulation of the sensorimotor network in drug-naive patients with Parkinson's disease by levodopa. <i>Brain</i> , 2013 , 136, 710-25	11.2	150
189	Distributed changes in default-mode resting-state connectivity in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2011 , 17, 411-22	5	146
188	Resting-state functional connectivity associated with mild cognitive impairment in Parkinson's disease. <i>Journal of Neurology</i> , 2015 , 262, 425-34	5.5	126
187	The spatiotemporal pattern of auditory cortical responses during verbal hallucinations. <i>NeuroImage</i> , 2005 , 27, 644-55	7.9	124

186	Rising sound intensity: an intrinsic warning cue activating the amygdala. <i>Cerebral Cortex</i> , 2008 , 18, 145-50	5.1	119
185	An fMRI study on mental pain and suicidal behavior. <i>Journal of Affective Disorders</i> , 2010 , 126, 321-5	6.6	114
184	Independent component model of the default-mode brain function: combining individual-level and population-level analyses in resting-state fMRI. <i>Magnetic Resonance Imaging</i> , 2008 , 26, 905-13	3.3	113
183	Resting state cortical electroencephalographic rhythms are related to gray matter volume in subjects with mild cognitive impairment and Alzheimer's disease. <i>Human Brain Mapping</i> , 2013 , 34, 1427-46	5.9	107
182	Disrupted default mode network connectivity in migraine without aura. <i>Journal of Headache and Pain</i> , 2013 , 14, 89	8.8	105
181	Executive resting-state network connectivity in migraine without aura. <i>Cephalalgia</i> , 2012 , 32, 1041-8	6.1	102
180	Real-time independent component analysis of fMRI time-series. <i>NeuroImage</i> , 2003 , 20, 2209-24	7.9	96
179	Spatial independent component analysis of functional MRI time-series: to what extent do results depend on the algorithm used?. <i>Human Brain Mapping</i> , 2002 , 16, 146-57	5.9	90
178	Regional gray matter atrophy in patients with Parkinson disease and freezing of gait. <i>American Journal of Neuroradiology</i> , 2012 , 33, 1804-9	4.4	89
177	Musical training induces functional plasticity in human hippocampus. <i>Journal of Neuroscience</i> , 2010 , 30, 1377-84	6.6	86
176	Pain processing in patients with migraine: an event-related fMRI study during trigeminal nociceptive stimulation. <i>Journal of Neurology</i> , 2012 , 259, 1903-12	5.5	81
175	Cortex-based independent component analysis of fMRI time series. <i>Magnetic Resonance Imaging</i> , 2004 , 22, 1493-504	3.3	81
174	Interaction between aging and neurodegeneration in amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2012 , 33, 886-98	5.6	80
173	Increased interictal visual network connectivity in patients with migraine with aura. <i>Cephalalgia</i> , 2016 , 36, 139-47	6.1	78
172	Abnormal thalamic function in patients with vestibular migraine. <i>Neurology</i> , 2014 , 82, 2120-6	6.5	78
171	Computer-aided cognitive rehabilitation improves cognitive performances and induces brain functional connectivity changes in relapsing remitting multiple sclerosis patients: an exploratory study. <i>Journal of Neurology</i> , 2015 , 262, 91-100	5.5	73
170	The default mode network and the working memory network are not anti-correlated during all phases of a working memory task. <i>PLoS ONE</i> , 2015 , 10, e0123354	3.7	71
169	Amygdala deactivation as a neural correlate of pain processing in patients with borderline personality disorder and co-occurrent posttraumatic stress disorder. <i>Biological Psychiatry</i> , 2009 , 65, 819-22	7.9	70

168	Enhancing BOLD response in the auditory system by neurophysiologically tuned fMRI sequence. <i>NeuroImage</i> , 2006 , 29, 1013-22	7.9	67
167	Whole brain high-resolution functional imaging at ultra high magnetic fields: an application to the analysis of resting state networks. <i>NeuroImage</i> , 2011 , 57, 1031-44	7.9	61
166	Sleep deprivation increases dorsal nexus connectivity to the dorsolateral prefrontal cortex in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 19597-602	11.5	60
165	Hearing illusory sounds in noise: the timing of sensory-perceptual transformations in auditory cortex. <i>Neuron</i> , 2009 , 64, 550-61	13.9	60
164	Differential patterns of multisensory interactions in core and belt areas of human auditory cortex. <i>NeuroImage</i> , 2006 , 31, 294-300	7.9	59
163	Subcortical motor plasticity in patients with sporadic ALS: An fMRI study. <i>Brain Research Bulletin</i> , 2006 , 69, 489-94	3.9	57
162	Does the default-mode functional connectivity of the brain correlate with working-memory performances?. <i>Archives Italiennes De Biologie</i> , 2009 , 147, 11-20	1.1	57
161	Abnormal Connectivity Within Executive Resting-State Network in Migraine With Aura. <i>Headache</i> , 2015 , 55, 794-805	4.2	54
160	Widespread microstructural white matter involvement in amyotrophic lateral sclerosis: a whole-brain DTI study. <i>American Journal of Neuroradiology</i> , 2012 , 33, 1102-8	4.4	54
159	Neural network of speech monitoring overlaps with overt speech production and comprehension networks: a sequential spatial and temporal ICA study. <i>NeuroImage</i> , 2009 , 47, 1982-91	7.9	52
158	Temporal integration of sequential auditory events: silent period in sound pattern activates human planum temporale. <i>NeuroImage</i> , 2003 , 20, 429-34	7.9	52
157	Functional overlap and divergence between ALS and bvFTD. <i>Neurobiology of Aging</i> , 2015 , 36, 413-23	5.6	51
156	Alcohol increases spontaneous BOLD signal fluctuations in the visual network. <i>NeuroImage</i> , 2010 , 53, 534-43	7.9	51
155	Combined distributed source and single-trial EEG-fMRI modeling: application to effortful decision making processes. <i>NeuroImage</i> , 2009 , 47, 112-21	7.9	51
154	Spatio-temporal pattern of vestibular information processing after brief caloric stimulation. <i>European Journal of Radiology</i> , 2009 , 70, 312-6	4.7	50
153	Visual resting-state network in relapsing-remitting MS with and without previous optic neuritis. <i>Neurology</i> , 2012 , 79, 1458-65	6.5	50
152	Resting state cortical electroencephalographic rhythms and white matter vascular lesions in subjects with Alzheimer's disease: an Italian multicenter study. <i>Journal of Alzheimer's Disease</i> , 2011 , 26, 331-46	4.3	42
151	Cognitive impairment and memory disorders in relapsing-remitting multiple sclerosis: the role of white matter, gray matter and hippocampus. <i>Journal of Neurology</i> , 2015 , 262, 1691-7	5.5	41

150	Interictal cortical reorganization in episodic migraine without aura: an event-related fMRI study during parametric trigeminal nociceptive stimulation. <i>Neurological Sciences</i> , 2011 , 32 Suppl 1, S165-7	3.5	41
149	Spatial representations of temporal and spectral sound cues in human auditory cortex. <i>Cortex</i> , 2013 , 49, 2822-33	3.8	40
148	Resting-state brain networks in patients with Parkinson's disease and impulse control disorders. <i>Cortex</i> , 2017 , 94, 63-72	3.8	40
147	Intrinsic brain connectivity predicts impulse control disorders in patients with Parkinson's disease. <i>Movement Disorders</i> , 2017 , 32, 1710-1719	7	39
146	Functional Changes of the Perigenual Part of the Anterior Cingulate Cortex after External Trigeminal Neurostimulation in Migraine Patients. <i>Frontiers in Neurology</i> , 2017 , 8, 282	4.1	39
145	Functional interictal changes of pain processing in migraine with ictal cutaneous allodynia. <i>Cephalalgia</i> , 2017 , 37, 305-314	6.1	37
144	Integration of "what" and "where" in frontal cortex during visual imagery of scenes. <i>NeuroImage</i> , 2012 , 60, 47-58	7.9	37
143	Spatial independent component analysis of functional magnetic resonance imaging time-series: characterization of the cortical components. <i>Neurocomputing</i> , 2002 , 49, 241-254	5.4	37
142	Time course reconstruction of fetal cardiac signals from fMCG: independent component analysis versus adaptive maternal beat subtraction. <i>Physiological Measurement</i> , 2004 , 25, 1305-21	2.9	36
141	Altered processing of rewarding and aversive basic taste stimuli in symptomatic women with anorexia nervosa and bulimia nervosa: An fMRI study. <i>Journal of Psychiatric Research</i> , 2017 , 90, 94-101	5.2	35
140	Jazz drummers recruit language-specific areas for the processing of rhythmic structure. <i>Cerebral Cortex</i> , 2014 , 24, 836-43	5.1	35
139	Spatially distributed effects of mental exhaustion on resting-state fMRI networks. <i>PLoS ONE</i> , 2014 , 9, e94222	3.7	35
138	Fatigue in multiple sclerosis: The contribution of occult white matter damage. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1676-1684	5	33
137	Visual target modulation of functional connectivity networks revealed by self-organizing group ICA. <i>Human Brain Mapping</i> , 2008 , 29, 1450-61	5.9	33
136	Functional connectivity underpinnings of fatigue in "Drug-Naïve" patients with Parkinson's disease. <i>Movement Disorders</i> , 2016 , 31, 1497-1505	7	33
135	Distributed analysis of simultaneous EEG-fMRI time-series: modeling and interpretation issues. <i>Magnetic Resonance Imaging</i> , 2009 , 27, 1120-30	3.3	32
134	Realistic and spherical head modeling for EEG forward problem solution: a comparative cortex-based analysis. <i>Computational Intelligence and Neuroscience</i> , 2010 , 972060	3	31
133	Fatigue in multiple sclerosis: The contribution of resting-state functional connectivity reorganization. <i>Multiple Sclerosis Journal</i> , 2018 , 24, 1696-1705	5	30

132	Hearing an illusory vowel in noise: suppression of auditory cortical activity. <i>Journal of Neuroscience</i> , 2012 , 32, 8024-34	6.6	30
131	3.0-T functional brain imaging: a 5-year experience. <i>Radiologia Medica</i> , 2007 , 112, 97-112	6.5	30
130	fMRI of the auditory system: understanding the neural basis of auditory gestalt. <i>Magnetic Resonance Imaging</i> , 2003 , 21, 1213-24	3.3	29
129	Multimodal imaging: an evaluation of univariate and multivariate methods for simultaneous EEG/fMRI. <i>Magnetic Resonance Imaging</i> , 2010 , 28, 1104-12	3.3	28
128	Default mode network changes in multiple sclerosis: a link between depression and cognitive impairment?. <i>European Journal of Neurology</i> , 2017 , 24, 27-36	6	27
127	Microstructural changes across different clinical milestones of disease in amyotrophic lateral sclerosis. <i>PLoS ONE</i> , 2015 , 10, e0119045	3.7	26
126	Cortical representation of different taste modalities on the gustatory cortex: A pilot study. <i>PLoS ONE</i> , 2017 , 12, e0190164	3.7	25
125	Attention and processing speed performance in multiple sclerosis is mostly related to thalamic volume. <i>Brain Imaging and Behavior</i> , 2018 , 12, 20-28	4.1	25
124	Extracting functional networks with spatial independent component analysis: the role of dimensionality, reliability and aggregation scheme. <i>Current Opinion in Neurology</i> , 2011 , 24, 378-85	7.1	25
123	Resting state fMRI correlates of Theory of Mind impairment in amyotrophic lateral sclerosis. <i>Cortex</i> , 2017 , 97, 1-16	3.8	25
122	Advanced visual network and cerebellar hyperresponsiveness to trigeminal nociception in migraine with aura. <i>Journal of Headache and Pain</i> , 2019 , 20, 46	8.8	24
121	Motor and extramotor neurodegeneration in amyotrophic lateral sclerosis: a 3T high angular resolution diffusion imaging (HARDI) study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2013 , 14, 553-61	3.6	24
120	Response inhibition in pedophilia: an FMRI pilot study. <i>Neuropsychobiology</i> , 2013 , 68, 228-37	4	24
119	Impaired glutamate homeostasis in the nucleus accumbens in human cocaine addiction. <i>Molecular Psychiatry</i> , 2021 , 26, 5277-5285	15.1	23
118	Immediate processing of erotic stimuli in paedophilia and controls: a case control study. <i>BMC Psychiatry</i> , 2013 , 13, 88	4.2	23
117	Clinical and cognitive correlations of regional gray matter atrophy in progressive supranuclear palsy. <i>Parkinsonism and Related Disorders</i> , 2013 , 19, 590-4	3.6	23
116	Multi-View Ensemble Classification of Brain Connectivity Images for Neurodegeneration Type Discrimination. <i>Neuroinformatics</i> , 2017 , 15, 199-213	3.2	21
115	Predicting subject-driven actions and sensory experience in a virtual world with relevance vector machine regression of fMRI data. <i>NeuroImage</i> , 2011 , 56, 651-61	7.9	20

114	Neural correlates of pre-attentive processing of pattern deviance in professional musicians. <i>Human Brain Mapping</i> , 2009 , 30, 3736-47	5.9	20
113	BOLD correlates of edge detection in human auditory cortex. <i>NeuroImage</i> , 2007 , 36, 194-201	7.9	20
112	The Contribution of Resting State Networks to the Study of Cortical Reorganization in MS. <i>Multiple Sclerosis International</i> , 2013 , 2013, 857807	1.1	19
111	Midbrain MRI assessments in progressive supranuclear palsy subtypes. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 98-103	5.5	19
110	Frontotemporal cortical thinning in amyotrophic lateral sclerosis. <i>American Journal of Neuroradiology</i> , 2014 , 35, 304-10	4.4	18
109	Widespread structural and functional connectivity changes in amyotrophic lateral sclerosis: insights from advanced neuroimaging research. <i>Neural Plasticity</i> , 2012 , 2012, 473538	3.3	16
108	Dissociated lateralization of transient and sustained blood oxygen level-dependent signal components in human primary auditory cortex. <i>NeuroImage</i> , 2007 , 34, 1637-42	7.9	16
107	Interhemispheric functional connectivity in anorexia and bulimia nervosa. <i>European Journal of Neuroscience</i> , 2017 , 45, 1129-1140	3.5	15
106	Violence-related content in video game may lead to functional connectivity changes in brain networks as revealed by fMRI-ICA in young men. <i>Neuroscience</i> , 2016 , 320, 247-58	3.9	15
105	High field functional MRI. <i>European Journal of Radiology</i> , 2003 , 48, 138-45	4.7	15
104	3.0 Tesla Magnetic Resonance. Part 2: morphological and functional brain imaging. <i>Radiologia Medica</i> , 2003 , 105, 150-61	6.5	15
103	Gamma-Hydroxybutyrate Increases Resting-State Limbic Perfusion and Body and Emotion Awareness in Humans. <i>Neuropsychopharmacology</i> , 2017 , 42, 2141-2151	8.7	14
102	Clinical correlations of microstructural changes in progressive supranuclear palsy. <i>Neurobiology of Aging</i> , 2014 , 35, 2404-10	5.6	14
101	Neuropsychological assessment in different King's clinical stages of amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2016 , 17, 228-35	3.6	13
100	Cortex-based inter-subject analysis of iEEG and fMRI data sets: application to sustained task-related BOLD and gamma responses. <i>NeuroImage</i> , 2013 , 66, 457-68	7.9	13
99	The effects of childhood maltreatment on brain structure in adults with eating disorders. <i>World Journal of Biological Psychiatry</i> , 2019 , 20, 301-309	3.8	13
98	Cortical pattern of reduced perfusion in hearing loss revealed by ASL-MRI. <i>Human Brain Mapping</i> , 2019 , 40, 2475-2487	5.9	12
97	Intensity-related distribution of sweet and bitter taste fMRI responses in the insular cortex. <i>Human Brain Mapping</i> , 2019 , 40, 3631-3646	5.9	12

96	No evidence of increased cerebrovascular involvement in adult neurologically-asymptomatic β -Thalassaemia. A multicentre multimodal magnetic resonance study. <i>British Journal of Haematology</i> , 2019 , 185, 733-742	4.5	12
95	Central pain processing in "drug-naïve" pain-free patients with Parkinson's disease. <i>Human Brain Mapping</i> , 2018 , 39, 932-940	5.9	12
94	Effects of active music therapy on the normal brain: fMRI based evidence. <i>Brain Imaging and Behavior</i> , 2016 , 10, 182-6	4.1	11
93	Automated selection of brain regions for real-time fMRI brain-computer interfaces. <i>Journal of Neural Engineering</i> , 2017 , 14, 016004	5	11
92	Distributed corpus callosum involvement in amyotrophic lateral sclerosis: a deterministic tractography study using q-ball imaging. <i>Journal of Neurology</i> , 2014 , 261, 27-36	5.5	11
91	How does spatial extent of fMRI datasets affect independent component analysis decomposition?. <i>Human Brain Mapping</i> , 2006 , 27, 736-46	5.9	11
90	Sex-related pattern of intrinsic brain connectivity in drug-naïve Parkinson's disease patients. <i>Movement Disorders</i> , 2019 , 34, 997-1005	7	10
89	Hippocampal connectivity in Amyotrophic Lateral Sclerosis (ALS): more than Papez circuit impairment. <i>Brain Imaging and Behavior</i> , 2021 , 15, 2126-2138	4.1	10
88	Apathy Is Correlated with Widespread Diffusion Tensor Imaging (DTI) Impairment in Amyotrophic Lateral Sclerosis. <i>Behavioural Neurology</i> , 2018 , 2018, 2635202	3	10
87	High angular resolution diffusion imaging abnormalities in the early stages of amyotrophic lateral sclerosis. <i>Journal of the Neurological Sciences</i> , 2017 , 380, 215-222	3.2	9
86	Olfactory performance after crenotherapy in chronic rhinosinusitis in the elderly. <i>Laryngoscope</i> , 2015 , 125, 1529-34	3.6	9
85	Brain responses to auditory and visual stimulus offset: shared representations of temporal edges. <i>Human Brain Mapping</i> , 2009 , 30, 725-33	5.9	9
84	Sustained blood oxygenation and volume response to repetition rate-modulated sound in human auditory cortex. <i>NeuroImage</i> , 2003 , 20, 1365-70	7.9	9
83	Brain functional impairment in beta-thalassaemia: the cognitive profile in Italian neurologically asymptomatic adult patients in comparison to the reported literature. <i>British Journal of Haematology</i> , 2019 , 186, 592-607	4.5	8
82	Cortical thickness, local gyrification index and fractal dimensionality in people with acute and recovered Anorexia Nervosa and in people with Bulimia Nervosa. <i>Psychiatry Research - Neuroimaging</i> , 2020 , 299, 111069	2.9	8
81	Q-ball imaging models: comparison between high and low angular resolution diffusion-weighted MRI protocols for investigation of brain white matter integrity. <i>Neuroradiology</i> , 2016 , 58, 209-15	3.2	8
80	The potential of MR-Encephalography for BCI/Neurofeedback applications with high temporal resolution. <i>NeuroImage</i> , 2019 , 194, 228-243	7.9	7
79	Microstructural correlates of Edinburgh Cognitive and Behavioural ALS Screen (ECAS) changes in amyotrophic lateral sclerosis. <i>Psychiatry Research - Neuroimaging</i> , 2019 , 288, 67-75	2.9	7

78	Mastication induces long-term increases in blood perfusion of the trigeminal principal nucleus. <i>Neuroscience</i> , 2015 , 311, 75-80	3.9	7
77	Cognitive Networks Disarrangement in Patients With Migraine Predicts Cutaneous Allodynia. <i>Headache</i> , 2020 , 60, 1228-1243	4.2	7
76	Frontotemporal degeneration in amyotrophic lateral sclerosis (ALS): a longitudinal MRI one-year study. <i>CNS Spectrums</i> , 2021 , 26, 258-267	1.8	7
75	Gamma-hydroxybutyrate increases brain resting-state functional connectivity of the salience network and dorsal nexus in humans. <i>NeuroImage</i> , 2018 , 173, 448-459	7.9	7
74	Advantages of QBI in TBSS analyses. <i>Magnetic Resonance Imaging</i> , 2014 , 32, 184-9	3.3	7
73	Of cats and women: temporal dynamics in the right temporoparietal cortex reflect auditory categorical processing of vocalizations. <i>NeuroImage</i> , 2012 , 62, 1877-83	7.9	7
72	Semeiological Features of 3.0 T MR Imaging: What Changes at High Magnetic Field. <i>The Neuroradiology Journal</i> , 2004 , 17, 755-764		7
71	No increased cerebrovascular involvement in adult beta-thalassemia by advanced MRI analyses. <i>Blood Cells, Molecules, and Diseases</i> , 2019 , 78, 9-13	2.1	6
70	Subcortical atrophy and perfusion patterns in Parkinson disease and multiple system atrophy. <i>Parkinsonism and Related Disorders</i> , 2020 , 72, 49-55	3.6	6
69	Automated search of control points in surface-based morphometry. <i>NeuroImage</i> , 2018 , 176, 56-70	7.9	6
68	Brain iron content in systemic iron overload: A beta-thalassemia quantitative MRI study. <i>NeuroImage: Clinical</i> , 2019 , 24, 102058	5.3	6
67	Improved correspondence of resting-state networks after macroanatomical alignment. <i>Human Brain Mapping</i> , 2014 , 35, 673-82	5.9	6
66	Connectivity Correlates of Anxiety Symptoms in Drug-Naive Parkinson's Disease Patients. <i>Movement Disorders</i> , 2021 , 36, 96-105	7	6
65	Resting state functional MRI brain signatures of fast disease progression in amyotrophic lateral sclerosis: a retrospective study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2021 , 22, 117-126	3.6	6
64	Resting-State Functional Correlates of Social Cognition in Multiple Sclerosis: An Explorative Study. <i>Frontiers in Behavioral Neuroscience</i> , 2019 , 13, 276	3.5	5
63	Neuronal Networks Observed with Resting State Functional Magnetic Resonance Imaging in Clinical Populations 2012 ,		5
62	Response: sound analysis in auditory cortex--from temporal decomposition to perception. <i>Trends in Neurosciences</i> , 2003 , 26, 231-2	13.3	5
61	Strong-Weak Pruning for Brain Network Identification in Connectome-Wide Neuroimaging: Application to Amyotrophic Lateral Sclerosis Disease Stage Characterization. <i>International Journal of Neural Systems</i> , 2019 , 29, 1950007	6.2	5

60	A low-cost open-architecture taste delivery system for gustatory fMRI and BCI experiments. <i>Journal of Neuroscience Methods</i> , 2019 , 311, 1-12	3	5
59	Small P values may not yield robust findings: an example using REST-meta-PD. <i>Science Bulletin</i> , 2021 , 66, 2148-2152	10.6	5
58	Structural connectome with high angular resolution diffusion imaging MRI: assessing the impact of diffusion weighting and sampling on graph-theoretic measures. <i>Neuroradiology</i> , 2018 , 60, 497-504	3.2	4
57	Perfusion- and BOLD-based fMRI in the study of a human pathological model for task-related flow reductions. <i>Brain Research Bulletin</i> , 2004 , 63, 1-5	3.9	4
56	Olfactory loss and brain connectivity after COVID-19.. <i>Human Brain Mapping</i> , 2022 ,	5.9	4
55	Short-term results of bovine internal mammary artery use in cardiovascular surgery. <i>Texas Heart Institute Journal</i> , 1994 , 21, 193-7	0.8	4
54	Neuropsychological profile of hearing-impaired patients and the effect of hearing aid on cognitive functions: an exploratory study. <i>Scientific Reports</i> , 2021 , 11, 9384	4.9	4
53	Prohedonic properties of gamma-hydroxybutyrate are associated with changes in limbic resting-state functional connectivity. <i>Human Psychopharmacology</i> , 2018 , 33, e2679	2.3	4
52	A group-level comparison of volumetric and combined volumetric-surface normalization for whole brain analyses of myelin and iron maps. <i>Magnetic Resonance Imaging</i> , 2018 , 54, 225-240	3.3	4
51	Consensus-based feature extraction in rs-fMRI data analysis. <i>Soft Computing</i> , 2018 , 22, 3785-3795	3.5	3
50	Spectral signatures of mirror movements in the sensori-motor connectivity in kallmann syndrome. <i>Human Brain Mapping</i> , 2018 , 39, 42-53	5.9	3
49	Distinct iEEG activity patterns in temporal-limbic and prefrontal sites induced by emotional intentionality. <i>Cortex</i> , 2014 , 60, 121-38	3.8	3
48	Comparison between realistic and spherical approaches in EEG forward modelling. <i>Biomedizinische Technik</i> , 2010 , 55, 133-46	1.3	3
47	A multivariate approach for processing magnetization effects in triggered event-related functional magnetic resonance imaging time series. <i>NeuroImage</i> , 2006 , 30, 136-43	7.9	3
46	Criteria for the rank ordering of fMRI independent components. <i>NeuroImage</i> , 2001 , 13, 114	7.9	3
45	Association of MRI Measures With Disease Severity and Progression in Progressive Supranuclear Palsy. <i>Frontiers in Neurology</i> , 2020 , 11, 603161	4.1	3
44	Between-sex variability of resting-state functional brain networks in amyotrophic lateral sclerosis (ALS). <i>Journal of Neural Transmission</i> , 2021 , 128, 1881-1897	4.3	3
43	Semantics-weighted lexical surprisal modeling of naturalistic functional MRI time-series during spoken narrative listening. <i>NeuroImage</i> , 2020 , 222, 117281	7.9	2

42	Asymptomatic intracranial aneurysms in beta-thalassemia: a three-year follow-up report. <i>Orphanet Journal of Rare Diseases</i> , 2020 , 15, 21	4.2	2
41	O021. Abnormal connectivity within executive resting-state network in migraine with aura. <i>Journal of Headache and Pain</i> , 2015 , 16, A156	8.8	2
40	Magnetic resonance T1w/T2w ratio and voxel-based morphometry in multiple system atrophy. <i>Scientific Reports</i> , 2021 , 11, 21683	4.9	2
39	Small effect size leads to reproducibility failure in resting-state fMRI studies		2
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