

Fabrizio Esposito

List of Publications by Year in descending order

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Version: 2024-02-01

216
papers

11,584
citations

36271

51
h-index

31818

101
g-index

222
all docs

222
docs citations

222
times ranked

13019
citing authors

#	ARTICLE	IF	CITATIONS
1	Validating the independent components of neuroimaging time series via clustering and visualization. <i>NeuroImage</i> , 2004, 22, 1214-1222.	2.1	1,103
2	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.	1.9	960
3	Processing of Temporal Unpredictability in Human and Animal Amygdala. <i>Journal of Neuroscience</i> , 2007, 27, 5958-5966.	1.7	379
4	Differential sex-independent amygdala response to infant crying and laughing in parents versus nonparents. <i>Biological Psychiatry</i> , 2003, 54, 1367-1375.	0.7	372
5	Cortical and Subcortical Correlates of Electroencephalographic Alpha Rhythm Modulation. <i>Journal of Neurophysiology</i> , 2005, 93, 2864-2872.	0.9	325
6	Independent component analysis of fMRI group studies by self-organizing clustering. <i>NeuroImage</i> , 2005, 25, 193-205.	2.1	315
7	Default-mode network connectivity in cognitively unimpaired patients with Parkinson disease. <i>Neurology</i> , 2012, 79, 2226-2232.	1.5	286
8	Neural Correlates of Antinociception in Borderline Personality Disorder. <i>Archives of General Psychiatry</i> , 2006, 63, 659.	13.8	263
9	Classification of fMRI independent components using IC-fingerprints and support vector machine classifiers. <i>NeuroImage</i> , 2007, 34, 177-194.	2.1	245
10	Resting-state brain connectivity in patients with Parkinson's disease and freezing of gait. <i>Parkinsonism and Related Disorders</i> , 2012, 18, 781-787.	1.1	226
11	Independent component model of the default-mode brain function: Assessing the impact of active thinking. <i>Brain Research Bulletin</i> , 2006, 70, 263-269.	1.4	220
12	Tracking the Mind's Image in the Brain I. <i>Neuron</i> , 2002, 35, 185-194.	3.8	214
13	Spatiotemporal Pattern of Neural Processing in the Human Auditory Cortex. <i>Science</i> , 2002, 297, 1706-1708.	6.0	197
14	Rhythm-specific modulation of the sensorimotor network in drug-naïve patients with Parkinson's disease by levodopa. <i>Brain</i> , 2013, 136, 710-725.	3.7	178
15	Resting-state functional connectivity associated with mild cognitive impairment in Parkinson's disease. <i>Journal of Neurology</i> , 2015, 262, 425-434.	1.8	175
16	Distributed changes in default-mode resting-state connectivity in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2011, 17, 411-422.	1.4	172
17	Disrupted default mode network connectivity in migraine without aura. <i>Journal of Headache and Pain</i> , 2013, 14, 89.	2.5	146
18	An fMRI study on mental pain and suicidal behavior. <i>Journal of Affective Disorders</i> , 2010, 126, 321-325.	2.0	145

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19	The spatiotemporal pattern of auditory cortical responses during verbal hallucinations. <i>NeuroImage</i> , 2005, 27, 644-655.	2.1	144
20	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, 1427-1446.	1.9	142
21	Rising Sound Intensity: An Intrinsic Warning Cue Activating the Amygdala. <i>Cerebral Cortex</i> , 2008, 18, 145-150.	1.6	131
22	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, 905-913.	1.0	126
23	Executive resting-state network connectivity in migraine without aura. <i>Cephalalgia</i> , 2012, 32, 1041-1048.	1.8	122
24	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, 146-157.	1.9	119
25	Abnormal thalamic function in patients with vestibular migraine. <i>Neurology</i> , 2014, 82, 2120-2126.	1.5	114
26	Real-time independent component analysis of fMRI time-series. <i>NeuroImage</i> , 2003, 20, 2209-2224.	2.1	112
27	Musical Training Induces Functional Plasticity in Human Hippocampus. <i>Journal of Neuroscience</i> , 2010, 30, 1377-1384.	1.7	112
28	Regional Gray Matter Atrophy in Patients with Parkinson Disease and Freezing of Gait. <i>American Journal of Neuroradiology</i> , 2012, 33, 1804-1809.	1.2	109
29	Increased interictal visual network connectivity in patients with migraine with aura. <i>Cephalalgia</i> , 2016, 36, 139-147.	1.8	106
30	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.	1.1	102
31	Pain processing in patients with migraine: an event-related fMRI study during trigeminal nociceptive stimulation. <i>Journal of Neurology</i> , 2012, 259, 1903-1912.	1.8	99
32	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.	1.8	93
33	Cortex-based independent component analysis of fMRI time series. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1493-1504.	1.0	88
34	Interaction between aging and neurodegeneration in amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2012, 33, 886-898.	1.5	88
35	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, 819-822.	0.7	79
36	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, 19597-19602.	3.3	75

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37	Enhancing BOLD response in the auditory system by neurophysiologically tuned fMRI sequence. <i>NeuroImage</i> , 2006, 29, 1013-1022.	2.1	72
38	Hearing Illusory Sounds in Noise: The Timing of Sensory-Perceptual Transformations in Auditory Cortex. <i>Neuron</i> , 2009, 64, 550-561.	3.8	72
39	Spatio-temporal pattern of vestibular information processing after brief caloric stimulation. <i>European Journal of Radiology</i> , 2009, 70, 312-316.	1.2	69
40	Abnormal Connectivity Within Executive Resting-state Network in Migraine With Aura. <i>Headache</i> , 2015, 55, 794-805.	1.8	69
41	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, 1031-1044.	2.1	68
42	Functional overlap and divergence between ALS and bvFTD. <i>Neurobiology of Aging</i> , 2015, 36, 413-423.	1.5	65
43	Differential patterns of multisensory interactions in core and belt areas of human auditory cortex. <i>NeuroImage</i> , 2006, 31, 294-300.	2.1	64
44	Widespread Microstructural White Matter Involvement in Amyotrophic Lateral Sclerosis: A Whole-Brain DTI Study. <i>American Journal of Neuroradiology</i> , 2012, 33, 1102-1108.	1.2	64
45	Subcortical motor plasticity in patients with sporadic ALS: An fMRI study. <i>Brain Research Bulletin</i> , 2006, 69, 489-494.	1.4	63
46	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, 1982-1991.	2.1	63
47	Does the default-mode functional connectivity of the brain correlate with working-memory performances?. <i>Archives Italiennes De Biologie</i> , 2009, 147, 11-20.	0.1	61
48	Alcohol increases spontaneous BOLD signal fluctuations in the visual network. <i>NeuroImage</i> , 2010, 53, 534-543.	2.1	59
49	Combined distributed source and single-trial EEG-fMRI modeling: Application to effortful decision making processes. <i>NeuroImage</i> , 2009, 47, 112-121.	2.1	58
50	Visual resting-state network in relapsing-remitting MS with and without previous optic neuritis. <i>Neurology</i> , 2012, 79, 1458-1465.	1.5	58
51	Temporal integration of sequential auditory events: silent period in sound pattern activates human planum temporale. <i>NeuroImage</i> , 2003, 20, 429-434.	2.1	57
52	Intrinsic brain connectivity predicts impulse control disorders in patients with Parkinson's disease. <i>Movement Disorders</i> , 2017, 32, 1710-1719.	2.2	54
53	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, 1691-1697.	1.8	53
54	Resting-state brain networks in patients with Parkinson's disease and impulse control disorders. <i>Cortex</i> , 2017, 94, 63-72.	1.1	53

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55	Attention and processing speed performance in multiple sclerosis is mostly related to thalamic volume. <i>Brain Imaging and Behavior</i> , 2018, 12, 20-28.	1.1	53
56	Fatigue in multiple sclerosis: The contribution of resting-state functional connectivity reorganization. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1696-1705.	1.4	52
57	Integration of "what" and "where" in frontal cortex during visual imagery of scenes. <i>NeuroImage</i> , 2012, 60, 47-58.	2.1	51
58	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.	1.5	51
59	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.	1.1	51
60	Spatial representations of temporal and spectral sound cues in human auditory cortex. <i>Cortex</i> , 2013, 49, 2822-2833.	1.1	50
61	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, 331-346.	1.2	48
62	Fatigue in multiple sclerosis: The contribution of occult white matter damage. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1676-1684.	1.4	48
63	Interictal cortical reorganization in episodic migraine without aura: an event-related fMRI study during parametric trigeminal nociceptive stimulation. <i>Neurological Sciences</i> , 2011, 32, 165-167.	0.9	46
64	Spatially Distributed Effects of Mental Exhaustion on Resting-State FMRI Networks. <i>PLoS ONE</i> , 2014, 9, e94222.	1.1	46
65	Functional interictal changes of pain processing in migraine with ictal cutaneous allodynia. <i>Cephalgia</i> , 2017, 37, 305-314.	1.8	45
66	Spatial independent component analysis of functional magnetic resonance imaging time-series: characterization of the cortical components. <i>Neurocomputing</i> , 2002, 49, 241-254.	3.5	44
67	Jazz Drummers Recruit Language-Specific Areas for the Processing of Rhythmic Structure. <i>Cerebral Cortex</i> , 2014, 24, 836-843.	1.6	44
68	Functional connectivity underpinnings of fatigue in "Naïve" patients with Parkinson's disease. <i>Movement Disorders</i> , 2016, 31, 1497-1505.	2.2	44
69	Default mode network changes in multiple sclerosis: a link between depression and cognitive impairment?. <i>European Journal of Neurology</i> , 2017, 24, 27-36.	1.7	44
70	Resting state fMRI correlates of Theory of Mind impairment in amyotrophic lateral sclerosis. <i>Cortex</i> , 2017, 97, 1-16.	1.1	43
71	Realistic and Spherical Head Modeling for EEG Forward Problem Solution: A Comparative Cortex-Based Analysis. <i>Computational Intelligence and Neuroscience</i> , 2010, 2010, 1-11.	1.1	41
72	Advanced visual network and cerebellar hyperresponsiveness to trigeminal nociception in migraine with aura. <i>Journal of Headache and Pain</i> , 2019, 20, 46.	2.5	41

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73	Time course reconstruction of fetal cardiac signals from fMCG: independent component analysis versus adaptive maternal beat subtraction. <i>Physiological Measurement</i> , 2004, 25, 1305-1321.	1.2	40
74	Impaired glutamate homeostasis in the nucleus accumbens in human cocaine addiction. <i>Molecular Psychiatry</i> , 2021, 26, 5277-5285.	4.1	40
75	Hearing an Illusory Vowel in Noise: Suppression of Auditory Cortical Activity. <i>Journal of Neuroscience</i> , 2012, 32, 8024-8034.	1.7	39
76	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, 553-561.	1.1	39
77	Midbrain MRI assessments in progressive supranuclear palsy subtypes. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 98-103.	0.9	39
78	Olfactory loss and brain connectivity after COVID-19. <i>Human Brain Mapping</i> , 2022, 43, 1548-1560.	1.9	38
79	Multi-View Ensemble Classification of Brain Connectivity Images for Neurodegeneration Type Discrimination. <i>Neuroinformatics</i> , 2017, 15, 199-213.	1.5	37
80	Visual target modulation of functional connectivity networks revealed by self-organizing group ICA. <i>Human Brain Mapping</i> , 2008, 29, 1450-1461.	1.9	36
81	Distributed analysis of simultaneous EEG-fMRI time-series: modeling and interpretation issues. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1120-1130.	1.0	36
82	Microstructural Changes across Different Clinical Milestones of Disease in Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2015, 10, e0119045.	1.1	36
83	Cortical representation of different taste modalities on the gustatory cortex: A pilot study. <i>PLoS ONE</i> , 2017, 12, e0190164.	1.1	35
84	fMRI of the auditory system: understanding the neural basis of auditory gestalt. <i>Magnetic Resonance Imaging</i> , 2003, 21, 1213-1224.	1.0	33
85	3.0-T functional brain imaging: a 5-year experience. <i>Radiologia Medica</i> , 2007, 112, 97-112.	4.7	32
86	Multimodal imaging: an evaluation of univariate and multivariate methods for simultaneous EEG/fMRI. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1104-1112.	1.0	31
87	The effects of childhood maltreatment on brain structure in adults with eating disorders. <i>World Journal of Biological Psychiatry</i> , 2019, 20, 301-309.	1.3	31
88	Clinical and cognitive correlations of regional gray matter atrophy in progressive supranuclear palsy. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 590-594.	1.1	30
89	Extracting functional networks with spatial independent component analysis. <i>Current Opinion in Neurology</i> , 2011, 24, 378-385.	1.8	29
90	Response Inhibition in Pedophilia: An fMRI Pilot Study. <i>Neuropsychobiology</i> , 2013, 68, 228-237.	0.9	28

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91	Immediate processing of erotic stimuli in paedophilia and controls: a case control study. <i>BMC Psychiatry</i> , 2013, 13, 88.	1.1	26
92	Cognitive Networks Disarrangement in Patients With Migraine Predicts Cutaneous Allodynia. <i>Headache</i> , 2020, 60, 1228-1243.	1.8	26
93	Frontotemporal Cortical Thinning in Amyotrophic Lateral Sclerosis. <i>American Journal of Neuroradiology</i> , 2014, 35, 304-310.	1.2	24
94	BOLD correlates of edge detection in human auditory cortex. <i>NeuroImage</i> , 2007, 36, 194-201.	2.1	23
95	Neural correlates of preattentive processing of pattern deviance in professional musicians. <i>Human Brain Mapping</i> , 2009, 30, 3736-3747.	1.9	23
96	Predicting subject-driven actions and sensory experience in a virtual world with Relevance Vector Machine Regression of fMRI data. <i>NeuroImage</i> , 2011, 56, 651-661.	2.1	22
97	Widespread Structural and Functional Connectivity Changes in Amyotrophic Lateral Sclerosis: Insights from Advanced Neuroimaging Research. <i>Neural Plasticity</i> , 2012, 2012, 1-13.	1.0	21
98	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, 247-258.	1.1	21
99	Interhemispheric functional connectivity in anorexia and bulimia nervosa. <i>European Journal of Neuroscience</i> , 2017, 45, 1129-1140.	1.2	21
100	Intensity-related distribution of sweet and bitter taste fMRI responses in the insular cortex. <i>Human Brain Mapping</i> , 2019, 40, 3631-3646.	1.9	21
101	Small P values may not yield robust findings: an example using REST-meta-PD. <i>Science Bulletin</i> , 2021, 66, 2148-2152.	4.3	21
102	The Contribution of Resting State Networks to the Study of Cortical Reorganization in MS. <i>Multiple Sclerosis International</i> , 2013, 2013, 1-7.	0.4	20
103	Functional connectivity changes in complex migraine aura: beyond the visual network. <i>European Journal of Neurology</i> , 2022, 29, 295-304.	1.7	20
104	Dissociated lateralization of transient and sustained blood oxygen level-dependent signal components in human primary auditory cortex. <i>NeuroImage</i> , 2007, 34, 1637-1642.	2.1	19
105	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, 457-468.	2.1	19
106	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.	0.9	19
107	High field functional MRI. <i>European Journal of Radiology</i> , 2003, 48, 138-145.	1.2	18
108	Gamma-Hydroxybutyrate Increases Resting-State Limbic Perfusion and Body and Emotion Awareness in Humans. <i>Neuropsychopharmacology</i> , 2017, 42, 2141-2151.	2.8	18

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109	Hippocampal connectivity in Amyotrophic Lateral Sclerosis (ALS): more than Papez circuit impairment. <i>Brain Imaging and Behavior</i> , 2021, 15, 2126-2138.	1.1	18
110	Frontotemporal degeneration in amyotrophic lateral sclerosis (ALS): a longitudinal MRI one-year study. <i>CNS Spectrums</i> , 2021, 26, 258-267.	0.7	18
111	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.	1.6	18
112	Repetitive Transcranial Magnetic Stimulation (rTMS) of Dorsolateral Prefrontal Cortex May Influence Semantic Fluency and Functional Connectivity in Fronto-Parietal Network in Mild Cognitive Impairment (MCI). <i>Biomedicines</i> , 2022, 10, 994.	1.4	18
113	Neuropsychological assessment in different King's clinical stages of amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2016, 17, 228-235.	1.1	17
114	Cortical pattern of reduced perfusion in hearing loss revealed by ASL-MRI. <i>Human Brain Mapping</i> , 2019, 40, 2475-2487.	1.9	17
115	Clinical correlations of microstructural changes in progressive supranuclear palsy. <i>Neurobiology of Aging</i> , 2014, 35, 2404-2410.	1.5	16
116	Sex-related pattern of intrinsic brain connectivity in drug-naïve Parkinson's disease patients. <i>Movement Disorders</i> , 2019, 34, 997-1005.	2.2	16
117	Connectivity Correlates of Anxiety Symptoms in Drug-Naive Parkinson's Disease Patients. <i>Movement Disorders</i> , 2021, 36, 96-105.	2.2	16
118	Effects of active music therapy on the normal brain: fMRI based evidence. <i>Brain Imaging and Behavior</i> , 2016, 10, 182-186.	1.1	15
119	Apathy Is Correlated with Widespread Diffusion Tensor Imaging (DTI) Impairment in Amyotrophic Lateral Sclerosis. <i>Behavioural Neurology</i> , 2018, 2018, 1-10.	1.1	15
120	Resting-State Functional Correlates of Social Cognition in Multiple Sclerosis: An Explorative Study. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 13, 276.	1.0	15
121	3.0 Tesla Magnetic Resonance. Part 2: morphological and functional brain imaging. <i>Radiologia Medica</i> , 2003, 105, 150-61.	4.7	15
122	Automated selection of brain regions for real-time fMRI brain-computer interfaces. <i>Journal of Neural Engineering</i> , 2017, 14, 016004.	1.8	14
123	Central pain processing in drug-naïve pain-free patients with Parkinson's disease. <i>Human Brain Mapping</i> , 2018, 39, 932-940.	1.9	14
124	Brain iron content in systemic iron overload: A beta-thalassemia quantitative MRI study. <i>NeuroImage: Clinical</i> , 2019, 24, 102058.	1.4	14
125	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.	1.2	14
126	The potential of MR-Encephalography for BCI/Neurofeedback applications with high temporal resolution. <i>NeuroImage</i> , 2019, 194, 228-243.	2.1	14

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127	Brain responses to auditory and visual stimulus offset: Shared representations of temporal edges. <i>Human Brain Mapping</i> , 2009, 30, 725-733.	1.9	13
128	Automated search of control points in surface-based morphometry. <i>NeuroImage</i> , 2018, 176, 56-70.	2.1	13
129	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.	1.2	13
130	Semantics-weighted lexical surprisal modeling of naturalistic functional MRI time-series during spoken narrative listening. <i>NeuroImage</i> , 2020, 222, 117281.	2.1	13
131	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.	1.8	12
132	Olfactory performance after Crenotherapy in chronic rhinosinusitis in the elderly. <i>Laryngoscope</i> , 2015, 125, 1529-1534.	1.1	12
133	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.	0.3	12
134	Gamma-hydroxybutyrate increases brain resting-state functional connectivity of the salience network and dorsal nexus in humans. <i>NeuroImage</i> , 2018, 173, 448-459.	2.1	12
135	Microstructural correlates of Edinburgh Cognitive and Behavioural ALS Screen (ECAS) changes in amyotrophic lateral sclerosis. <i>Psychiatry Research - Neuroimaging</i> , 2019, 288, 67-75.	0.9	12
136	Subcortical atrophy and perfusion patterns in Parkinson disease and multiple system atrophy. <i>Parkinsonism and Related Disorders</i> , 2020, 72, 49-55.	1.1	12
137	How does spatial extent of fMRI datasets affect independent component analysis decomposition?. <i>Human Brain Mapping</i> , 2006, 27, 736-746.	1.9	11
138	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, 209-215.	1.1	11
139	Between-sex variability of resting-state functional brain networks in amyotrophic lateral sclerosis (ALS). <i>Journal of Neural Transmission</i> , 2021, 128, 1881-1897.	1.4	11
140	A low-cost open-architecture taste delivery system for gustatory fMRI and BCI experiments. <i>Journal of Neuroscience Methods</i> , 2019, 311, 1-12.	1.3	10
141	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.	1.1	10
142	Disconnectome of the migraine brain: a connectopathy model. <i>Journal of Headache and Pain</i> , 2021, 22, 102.	2.5	10
143	Sustained blood oxygenation and volume response to repetition rate-modulated sound in human auditory cortex. <i>NeuroImage</i> , 2003, 20, 1365-1370.	2.1	9
144	Improved correspondence of resting-state networks after macroanatomical alignment. <i>Human Brain Mapping</i> , 2014, 35, 673-682.	1.9	9

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145	Advantages of QBI in TBSS analyses. <i>Magnetic Resonance Imaging</i> , 2014, 32, 184-189.	1.0	9
146	Mastication induces long-term increases in blood perfusion of the trigeminal principal nucleus. <i>Neuroscience</i> , 2015, 311, 75-80.	1.1	9
147	Magnetic resonance T1w/T2w ratio and voxel-based morphometry in multiple system atrophy. <i>Scientific Reports</i> , 2021, 11, 21683.	1.6	9
148	Semeiological Features of 3.0 T MR Imaging: What Changes at High Magnetic Field. <i>The Neuroradiology Journal</i> , 2004, 17, 755-764.	0.1	8
149	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.	1.1	8
150	Prohedonic properties of gamma-aminobutyrate are associated with changes in limbic resting-state functional connectivity. <i>Human Psychopharmacology</i> , 2018, 33, e2679.	0.7	8
151	No increased cerebrovascular involvement in adult beta-thalassemia by advanced MRI analyses. <i>Blood Cells, Molecules, and Diseases</i> , 2019, 78, 9-13.	0.6	8
152	Association of MRI Measures With Disease Severity and Progression in Progressive Supranuclear Palsy. <i>Frontiers in Neurology</i> , 2020, 11, 603161.	1.1	8
153	Of cats and women: Temporal dynamics in the right temporoparietal cortex reflect auditory categorical processing of vocalizations. <i>NeuroImage</i> , 2012, 62, 1877-1883.	2.1	7
154	Consensus-based feature extraction in rs-fMRI data analysis. <i>Soft Computing</i> , 2018, 22, 3785-3795.	2.1	7
155	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.	3.2	7
156	Combining structural and metabolic markers in a quantitative MRI study of motor neuron diseases. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1774-1785.	1.7	7
157	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.	1.4	6
158	Neuronal Networks Observed with Resting State Functional Magnetic Resonance Imaging in Clinical Populations. , 0, , .		6
159	Spectral signatures of mirror movements in the sensorimotor connectivity in kallmann syndrome. <i>Human Brain Mapping</i> , 2018, 39, 42-53.	1.9	6
160	Long-Range Auditory Functional Connectivity in Hearing Loss and Rehabilitation. <i>Brain Connectivity</i> , 2021, 11, 483-492.	0.8	6
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