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List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,774
citations

304743

22
h-index

302126

39
g-index

47
all docs

47
docs citations

47
times ranked

4744
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex beyond the genitalia: The human brain mosaic. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15468-15473.	7.1	493
2	Predicting brain-age from multimodal imaging data captures cognitive impairment. NeuroImage, 2017, 148, 179-188.	4.2	407
3	BIDS apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods. PLoS Computational Biology, 2017, 13, e1005209.	3.2	218
4	Brain size, sex, and the aging brain. Human Brain Mapping, 2015, 36, 150-169.	3.6	173
5	Brain structure and cognitive ability in healthy aging: a review on longitudinal correlated change. Reviews in the Neurosciences, 2019, 31, 1-57.	2.9	138
6	Individual variation in intentionality in the mind-wandering state is reflected in the integration of the default-mode, fronto-parietal, and limbic networks. NeuroImage, 2017, 146, 226-235.	4.2	127
7	The hypothesis of neuronal interconnectivity as a function of brain size: a general organization principle of the human connectome. Frontiers in Human Neuroscience, 2014, 8, 915.	2.0	113
8	Cortical Surface Area and Cortical Thickness Demonstrate Differential Structural Asymmetry in Auditory-Related Areas of the Human Cortex. Cerebral Cortex, 2014, 24, 2541-2552.	2.9	86
9	Reliability and statistical power analysis of cortical and subcortical FreeSurfer metrics in a large sample of healthy elderly. NeuroImage, 2015, 108, 95-109.	4.2	85
10	Analysis of task-based functional MRI data preprocessed with fMRIPrep. Nature Protocols, 2020, 15, 2186-2202.	12.0	78
11	Longitudinal reliability of tract-based spatial statistics in diffusion tensor imaging. Human Brain Mapping, 2014, 35, 4544-4555.	3.6	76
12	The "silent" imprint of musical training. Human Brain Mapping, 2016, 37, 536-546.	3.6	71
13	Structural and functional connectivity in healthy aging: Associations for cognition and motor behavior. Human Brain Mapping, 2016, 37, 855-867.	3.6	66
14	Combining magnetoencephalography with magnetic resonance imaging enhances learning of surrogate-biomarkers. ELife, 2020, 9, .	6.0	64
15	Functional dedifferentiation of associative resting state networks in older adults " A longitudinal study. NeuroImage, 2020, 214, 116680.	4.2	61
16	Identification of individual subjects on the basis of their brain anatomical features. Scientific Reports, 2018, 8, 5611.	3.3	49
17	Differential tinnitus-related neuroplastic alterations of cortical thickness and surface area. Hearing Research, 2016, 342, 1-12.	2.0	47
18	Age-related differences in auditory evoked potentials as a function of task modulation during speech " nonspeech processing. Brain and Behavior, 2014, 4, 21-28.	2.2	33

#	ARTICLE	IF	CITATIONS
19	Generalizing age effects on brain structure and cognition: A twoâ€study comparison approach. Human Brain Mapping, 2019, 40, 2305-2319.	3.6	31
20	Longitudinal functional brain network reconfiguration in healthy aging. Human Brain Mapping, 2020, 41, 4829-4845.	3.6	31
21	Music and Language Expertise Influence the Categorization of Speech and Musical Sounds: Behavioral and Electrophysiological Measurements. Journal of Cognitive Neuroscience, 2014, 26, 2356-2369.	2.3	30
22	Cortical thickness of supratemporal plane predicts auditory N1 amplitude. NeuroReport, 2012, 23, 1026-1030.	1.2	29
23	Age-related decline in the brain: a longitudinal study on inter-individual variability of cortical thickness, area, volume, and cognition.. Neurolmage, 2021, 240, 118370.	4.2	26
24	In need of constraint: Understanding the role of the cingulate cortex in the impulsive mind. Neurolmage, 2017, 146, 804-813.	4.2	24
25	Predicted Brain Age After Stroke. Frontiers in Aging Neuroscience, 2019, 11, 348.	3.4	22
26	On the planum temporale lateralization in suprasegmental speech perception: Evidence from a study investigating behavior, structure, and function. Human Brain Mapping, 2014, 35, 1779-1789.	3.6	20
27	Reducing the Interval Between Volume Acquisitions Improves â€Sparseâ€Scanning Protocols in Event-related Auditory fMRI. Brain Topography, 2012, 25, 182-193.	1.8	16
28	Automated individual-level parcellation of Broca's region based on functional connectivity. Neurolmage, 2018, 170, 41-53.	4.2	15
29	10Kin1day: A Bottom-Up Neuroimaging Initiative. Frontiers in Neurology, 2019, 10, 425.	2.4	15
30	Lagged Coupled Changes Between White Matter Microstructure and Processing Speed in Healthy Aging: A Longitudinal Investigation. Frontiers in Aging Neuroscience, 2019, 11, 298.	3.4	14
31	Hemispheric asymmetries in restingâ€state EEG and fMRI are related to approach and avoidance behaviour, but not to eating behaviour or BMI. Human Brain Mapping, 2020, 41, 1136-1152.	3.6	14
32	Right and left perisylvian cortex and left inferior frontal cortex mediate sentenceâ€level rhyme detection in spoken language as revealed by sparse fMRI. Human Brain Mapping, 2013, 34, 3182-3192.	3.6	13
33	fMRI reveals lateralized pattern of brain activity modulated by the metrics of stimuli during auditory rhyme processing. Brain and Language, 2015, 147, 41-50.	1.6	13
34	Decline Variability of Cortical and Subcortical Regions in Aging: A Longitudinal Study. Frontiers in Human Neuroscience, 2020, 14, 363.	2.0	13
35	Associations of subclinical cerebral small vessel disease and processing speed in non-demented subjects: A 7-year study. Neurolmage: Clinical, 2021, 32, 102884.	2.7	10
36	Performance of three freely available methods for extracting white matter hyperintensities: <sc>FreeSurfer</sc>, <sc>UBO</sc> Detector, and <sc>BIANCA</sc>. Human Brain Mapping, 2022, 43, 1481-1500.	3.6	10

#	ARTICLE	IF	CITATIONS
37	Predicting future cognitive decline from non-brain and multimodal brain imaging data in healthy and pathological aging. <i>Neurobiology of Aging</i> , 2022, 118, 55-65.	3.1	7
38	Functional connectivity in aging. , 2021, , 37-51.		3
39	Generalizing Longitudinal Age Effects on Brain Structure – A Two-Study Comparison Approach. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 635687.	2.0	3
40	Object-Location Memory Training in Older Adults Leads to Greater Deactivation of the Dorsal Default Mode Network. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 623766.	2.0	2