

Franziskus Liem

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	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
2	Predicting future cognitive decline from non-brain and multimodal brain imaging data in healthy and pathological aging. Neurobiology of Aging, 2022, 118, 55-65.	3.1	7
3	Functional connectivity in aging. , 2021, , 37-51.		3
4	Object-Location Memory Training in Older Adults Leads to Greater Deactivation of the Dorsal Default Mode Network. Frontiers in Human Neuroscience, 2021, 15, 623766.	2.0	2
5	Generalizing Longitudinal Age Effects on Brain Structure â€“ A Two-Study Comparison Approach. Frontiers in Human Neuroscience, 2021, 15, 635687.	2.0	3
6	Age-related decline in the brain: a longitudinal study on inter-individual variability of cortical thickness, area, volume, and cognition.. NeuroImage, 2021, 240, 118370.	4.2	26
7	Associations of subclinical cerebral small vessel disease and processing speed in non-demented subjects: A 7-year study. NeuroImage: Clinical, 2021, 32, 102884.	2.7	10
8	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
9	Decline Variability of Cortical and Subcortical Regions in Aging: A Longitudinal Study. Frontiers in Human Neuroscience, 2020, 14, 363.	2.0	13
10	Longitudinal functional brain network reconfiguration in healthy aging. Human Brain Mapping, 2020, 41, 4829-4845.	3.6	31
11	Analysis of task-based functional MRI data preprocessed with fMRIPrep. Nature Protocols, 2020, 15, 2186-2202.	12.0	78
12	Functional dedifferentiation of associative resting state networks in older adults â€“ A longitudinal study. NeuroImage, 2020, 214, 116680.	4.2	61
13	Combining magnetoencephalography with magnetic resonance imaging enhances learning of surrogate-biomarkers. ELife, 2020, 9, .	6.0	64
14	Generalizing age effects on brain structure and cognition: A twoâ€“study comparison approach. Human Brain Mapping, 2019, 40, 2305-2319.	3.6	31
15	10Kin1day: A Bottom-Up Neuroimaging Initiative. Frontiers in Neurology, 2019, 10, 425.	2.4	15
16	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
17	Predicted Brain Age After Stroke. Frontiers in Aging Neuroscience, 2019, 11, 348.	3.4	22
18	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

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19	Automated individual-level parcellation of Broca's region based on functional connectivity. <i>NeuroImage</i> , 2018, 170, 41-53.	4.2	15
20	Identification of individual subjects on the basis of their brain anatomical features. <i>Scientific Reports</i> , 2018, 8, 5611.	3.3	49
21	In need of constraint: Understanding the role of the cingulate cortex in the impulsive mind. <i>NeuroImage</i> , 2017, 146, 804-813.	4.2	24
22	Individual variation in intentionality in the mind-wandering state is reflected in the integration of the default-mode, fronto-parietal, and limbic networks. <i>NeuroImage</i> , 2017, 146, 226-235.	4.2	127
23	Predicting brain-age from multimodal imaging data captures cognitive impairment. <i>NeuroImage</i> , 2017, 148, 179-188.	4.2	407
24	BIDS apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods. <i>PLoS Computational Biology</i> , 2017, 13, e1005209.	3.2	218
25	Differential tinnitus-related neuroplastic alterations of cortical thickness and surface area. <i>Hearing Research</i> , 2016, 342, 1-12.	2.0	47
26	Structural and functional connectivity in healthy aging: Associations for cognition and motor behavior. <i>Human Brain Mapping</i> , 2016, 37, 855-867.	3.6	66
27	The "silent" imprint of musical training. <i>Human Brain Mapping</i> , 2016, 37, 536-546.	3.6	71
28	fMRI reveals lateralized pattern of brain activity modulated by the metrics of stimuli during auditory rhyme processing. <i>Brain and Language</i> , 2015, 147, 41-50.	1.6	13
29	Brain size, sex, and the aging brain. <i>Human Brain Mapping</i> , 2015, 36, 150-169.	3.6	173
30	Reliability and statistical power analysis of cortical and subcortical FreeSurfer metrics in a large sample of healthy elderly. <i>NeuroImage</i> , 2015, 108, 95-109.	4.2	85
31	Sex beyond the genitalia: The human brain mosaic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15468-15473.	7.1	493
32	The hypothesis of neuronal interconnectivity as a function of brain size: A general organization principle of the human connectome. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 915.	2.0	113
33	Music and Language Expertise Influence the Categorization of Speech and Musical Sounds: Behavioral and Electrophysiological Measurements. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2356-2369.	2.3	30
34	Longitudinal reliability of tract-based spatial statistics in diffusion tensor imaging. <i>Human Brain Mapping</i> , 2014, 35, 4544-4555.	3.6	76
35	Age-related differences in auditory evoked potentials as a function of task modulation during speech-nonspeech processing. <i>Brain and Behavior</i> , 2014, 4, 21-28.	2.2	33
36	Cortical Surface Area and Cortical Thickness Demonstrate Differential Structural Asymmetry in Auditory-Related Areas of the Human Cortex. <i>Cerebral Cortex</i> , 2014, 24, 2541-2552.	2.9	86

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37	On the planum temporale lateralization in suprasegmental speech perception: Evidence from a study investigating behavior, structure, and function. <i>Human Brain Mapping</i> , 2014, 35, 1779-1789.	3.6	20
38	Right and left perisylvian cortex and left inferior frontal cortex mediate sentence-level rhyme detection in spoken language as revealed by sparse fMRI. <i>Human Brain Mapping</i> , 2013, 34, 3182-3192.	3.6	13
39	Cortical thickness of supratemporal plane predicts auditory N1 amplitude. <i>NeuroReport</i> , 2012, 23, 1026-1030.	1.2	29
40	Reducing the Interval Between Volume Acquisitions Improves Sparse-Scanning Protocols in Event-related Auditory fMRI. <i>Brain Topography</i> , 2012, 25, 182-193.	1.8	16