

Frauke Beyer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/192089/publications.pdf>

Version: 2024-02-01

22
papers

1,087
citations

687363

13
h-index

677142

22
g-index

31
all docs

31
docs citations

31
times ranked

2122
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting brain-age from multimodal imaging data captures cognitive impairment. <i>NeuroImage</i> , 2017, 148, 179-188.	4.2	407
2	Visceral obesity relates to deep white matter hyperintensities via inflammation. <i>Annals of Neurology</i> , 2019, 85, 194-203.	5.3	106
3	White matter microstructural variability mediates the relation between obesity and cognition in healthy adults. <i>NeuroImage</i> , 2018, 172, 239-249.	4.2	67
4	Effects of resveratrol on memory performance, hippocampus connectivity and microstructure in older adults – A randomized controlled trial. <i>NeuroImage</i> , 2018, 174, 177-190.	4.2	63
5	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	12.8	61
6	Higher body mass index is associated with reduced posterior default mode connectivity in older adults. <i>Human Brain Mapping</i> , 2017, 38, 3502-3515.	3.6	56
7	Association of peripheral blood pressure with gray matter volume in 19- to 40-year-old adults. <i>Neurology</i> , 2019, 92, e758-e773.	1.1	42
8	Neuroanatomical correlates of food addiction symptoms and body mass index in the general population. <i>Human Brain Mapping</i> , 2019, 40, 2747-2758.	3.6	41
9	Gray matter structural networks are associated with cardiovascular risk factors in healthy older adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 360-372.	4.3	29
10	Association of Estradiol and Visceral Fat With Structural Brain Networks and Memory Performance in Adults. <i>JAMA Network Open</i> , 2019, 2, e196126.	5.9	29
11	The Obesity-Susceptibility Gene TMEM18 Promotes Adipogenesis through Activation of PPARG. <i>Cell Reports</i> , 2020, 33, 108295.	6.4	28
12	Weight loss reduces head motion: Revisiting a major confound in neuroimaging. <i>Human Brain Mapping</i> , 2020, 41, 2490-2494.	3.6	26
13	A Metabolic Obesity Profile Is Associated With Decreased Gray Matter Volume in Cognitively Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 202.	3.4	23
14	Global and Regional Development of the Human Cerebral Cortex: Molecular Architecture and Occupational Aptitudes. <i>Cerebral Cortex</i> , 2020, 30, 4121-4139.	2.9	16
15	Higher BMI, but not obesity-related genetic polymorphisms, correlates with lower structural connectivity of the reward network in a population-based study. <i>International Journal of Obesity</i> , 2021, 45, 491-501.	3.4	16
16	10Kin1day: A Bottom-Up Neuroimaging Initiative. <i>Frontiers in Neurology</i> , 2019, 10, 425.	2.4	15
17	Hemispheric asymmetries in resting-state EEG and fMRI are related to approach and avoidance behaviour, but not to eating behaviour or BMI. <i>Human Brain Mapping</i> , 2020, 41, 1136-1152.	3.6	14
18	Same Brain, Different Look? – The Impact of Scanner, Sequence and Preprocessing on Diffusion Imaging Outcome Parameters. <i>Journal of Clinical Medicine</i> , 2021, 10, 4987.	2.4	14

#	ARTICLE	IF	CITATIONS
19	Estimating the effect of a scanner upgrade on measures of grey matter structure for longitudinal designs. PLoS ONE, 2021, 16, e0239021.	2.5	11
20	Relationship between regional white matter hyperintensities and alpha oscillations in older adults. Neurobiology of Aging, 2022, 112, 1-11.	3.1	9
21	Effects of bariatric surgery on functional connectivity of the reward and default mode network: A pre-registered analysis. Human Brain Mapping, 2021, 42, 5357-5373.	3.6	7
22	No Changes in Gray Matter Density or Cortical Thickness in Late-Life Minor Depression. Journal of Clinical Psychiatry, 2018, 79, 17111604.	2.2	1