

# Katja Franke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8071482/publications.pdf>

Version: 2024-02-01

28  
papers

3,660  
citations

361413

20  
h-index

677142

22  
g-index

31  
all docs

31  
docs citations

31  
times ranked

3564  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating the age of healthy subjects from T1-weighted MRI scans using kernel methods: Exploring the influence of various parameters. <i>NeuroImage</i> , 2010, 50, 883-892.	4.2	653
2	Predicting Age Using Neuroimaging: Innovative Brain Ageing Biomarkers. <i>Trends in Neurosciences</i> , 2017, 40, 681-690.	8.6	608
3	BrainAGE in Mild Cognitive Impaired Patients: Predicting the Conversion to Alzheimer's Disease. <i>PLoS ONE</i> , 2013, 8, e67346.	2.5	412
4	Ten Years of BrainAGE as a Neuroimaging Biomarker of Brain Aging: What Insights Have We Gained?. <i>Frontiers in Neurology</i> , 2019, 10, 789.	2.4	348
5	Standardized evaluation of algorithms for computer-aided diagnosis of dementia based on structural MRI: The CADDementia challenge. <i>NeuroImage</i> , 2015, 111, 562-579.	4.2	266
6	Brain maturation: Predicting individual BrainAGE in children and adolescents using structural MRI. <i>NeuroImage</i> , 2012, 63, 1305-1312.	4.2	234
7	Longitudinal Changes in Individual BrainAGE in Healthy Aging, Mild Cognitive Impairment, and Alzheimer's Disease. <i>GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry</i> , 2012, 25, 235-245.	0.5	185
8	Advanced BrainAGE in older adults with type 2 diabetes mellitus. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 90.	3.4	171
9	The Effect of the APOE Genotype on Individual BrainAGE in Normal Aging, Mild Cognitive Impairment, and Alzheimer's Disease. <i>PLoS ONE</i> , 2016, 11, e0157514.	2.5	112
10	Brain Age in Early Stages of Bipolar Disorders or Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 190-198.	4.3	94
11	Obesity, dyslipidemia and brain age in first-episode psychosis. <i>Journal of Psychiatric Research</i> , 2018, 99, 151-158.	3.1	80
12	Gender-specific impact of personal health parameters on individual brain aging in cognitively unimpaired elderly subjects. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 94.	3.4	78
13	Changes of individual BrainAGE during the course of the menstrual cycle. <i>NeuroImage</i> , 2015, 115, 1-6.	4.2	61
14	Mind the gap: Performance metric evaluation in brain age prediction. <i>Human Brain Mapping</i> , 2022, 43, 3113-3129.	3.6	58
15	Premature brain aging in humans exposed to maternal nutrient restriction during early gestation. <i>NeuroImage</i> , 2018, 173, 460-471.	4.2	55
16	Brain age in bipolar disorders: Effects of lithium treatment. <i>Australian and New Zealand Journal of Psychiatry</i> , 2019, 53, 1179-1188.	2.3	49
17	When your brain looks older than expected: combined lifestyle risk and BrainAGE. <i>Brain Structure and Function</i> , 2021, 226, 621-645.	2.3	47
18	Premature Brain Aging in Baboons Resulting from Moderate Fetal Undernutrition. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 92.	3.4	39

#	ARTICLE	IF	CITATIONS
19	Quantification of the Biological Age of the Brain Using Neuroimaging. Healthy Ageing and Longevity, 2019, , 293-328.	0.2	36
20	Obesity as a Risk Factor for Accelerated Brain Ageing in First-Episode Psychosisâ€”A Longitudinal Study. Schizophrenia Bulletin, 2021, 47, 1772-1781.	4.3	30
21	Effects of maternal stress and nutrient restriction during gestation on offspring neuroanatomy in humans. Neuroscience and Biobehavioral Reviews, 2020, 117, 5-25.	6.1	22
22	MRI based biomarker for brain aging in rodents and non-human primates. , 2016, , .		8
23	Gender-Specific Effects of Health and Lifestyle Markers on Individual BrainAGE. , 2013, , .		3
24	Potential applications of the completely automated BrainAGE framework using structural MRI. Biomedizinische Technik, 2012, 57, .	0.8	1
25	624. Accelerated Brain Ageing in First Episode Psychosis. Association with Metabolic Parameters. Biological Psychiatry, 2017, 81, S252-S253.	1.3	0
26	[ICâ€”Pâ€”133]: A GLOBAL MEASURE OF BRAIN AGE IS MORE SENSITIVE THAN HIPPOCAMPAL VOLUME IN PREDICTING INCIDENT MILD COGNITIVE IMPAIRMENT IN COMMUNITYâ€”LIVING INDIVIDUALS. Alzheimer's and Dementia, 2017, 13, P101.	0.8	0
27	T233. Obesity and Brain Age in First Episode of Schizophrenia-Spectrum Disorders â€” Effects of Antipsychotic Medications. Biological Psychiatry, 2018, 83, S219.	1.3	0
28	T2. Brain Age in Bipolar Disorders - Effects of Lithium Treatment. Biological Psychiatry, 2019, 85, S130.	1.3	0