

# Gabriel Ziegler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/760648/publications.pdf>

Version: 2024-02-01

29  
papers

1,871  
citations

623734

14  
h-index

677142

22  
g-index

33  
all docs

33  
docs citations

33  
times ranked

3324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian model reduction and empirical Bayes for group (DCM) studies. <i>NeuroImage</i> , 2016, 128, 413-431.	4.2	475
2	Adolescence is associated with genomically patterned consolidation of the hubs of the human brain connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9105-9110.	7.1	415
3	Developmental cognitive neuroscience using latent change score models: A tutorial and applications. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 99-117.	4.0	282
4	hMRI – A toolbox for quantitative MRI in neuroscience and clinical research. <i>NeuroImage</i> , 2019, 194, 191-210.	4.2	161
5	Progressive neurodegeneration following spinal cord injury. <i>Neurology</i> , 2018, 90, e1257-e1266.	1.1	97
6	Compulsivity and impulsivity traits linked to attenuated developmental frontostriatal myelination trajectories. <i>Nature Neuroscience</i> , 2019, 22, 992-999.	14.8	86
7	White matter tract myelin maturation and its association with general psychopathology in adolescence and early adulthood. <i>Human Brain Mapping</i> , 2020, 41, 827-839.	3.6	42
8	Multiple Holdouts With Stability: Improving the Generalizability of Machine Learning Analyses of Brain–Behavior Relationships. <i>Biological Psychiatry</i> , 2020, 87, 368-376.	1.3	32
9	Dynamics of Cortical Degeneration Over a Decade in Huntington’s Disease. <i>Biological Psychiatry</i> , 2021, 89, 807-816.	1.3	32
10	Brain-behaviour modes of covariation in healthy and clinically depressed young people. <i>Scientific Reports</i> , 2019, 9, 11536.	3.3	31
11	Childhood socioeconomic disadvantage predicts reduced myelin growth across adolescence and young adulthood. <i>Human Brain Mapping</i> , 2020, 41, 3392-3402.	3.6	31
12	CSF total tau levels are associated with hippocampal novelty irrespective of hippocampal volume. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 782-790.	2.4	26
13	Example dataset for the hMRI toolbox. <i>Data in Brief</i> , 2019, 25, 104132.	1.0	24
14	Multivariate dynamical modelling of structural change during development. <i>NeuroImage</i> , 2017, 147, 746-762.	4.2	22
15	Bayesian model selection favors parametric over categorical fMRI subsequent memory models in young and older adults. <i>NeuroImage</i> , 2021, 230, 117820.	4.2	21
16	Restoring statistical validity in group analyses of motion-corrupted MRI data. <i>Human Brain Mapping</i> , 2022, 43, 1973-1983.	3.6	20
17	Longitudinal Reproducibility of Neurite Orientation Dispersion and Density Imaging (NODDI) Derived Metrics in the White Matter. <i>Neuroscience</i> , 2021, 457, 165-185.	2.3	17
18	Age impairs mnemonic discrimination of objects more than scenes: A web-based, large-scale approach across the lifespan. <i>Cortex</i> , 2021, 137, 138-148.	2.4	17

#	ARTICLE	IF	CITATIONS
19	Amyloid pathology but not <i>APOE</i> $\epsilon$ 4 status is permissive for tau-related hippocampal dysfunction. <i>Brain</i> , 2022, 145, 1473-1485.	7.6	17
20	Multi-Round Trust Game Quantifies Inter-Individual Differences in Social Exchange from Adolescence to Adulthood. <i>Computational Psychiatry</i> , 2021, 5, 102-118.	2.0	6
21	Test-retest reliability of multi-parametric maps (MPM) of brain microstructure. <i>NeuroImage</i> , 2022, 256, 119249.	4.2	3
22	Feasibility of mobile app-based assessment of memory functions: Insights from a citizen science study. <i>Alzheimer's and Dementia</i> , 2020, 16, e039149.	0.8	1
23	Memorability analysis for diagnostic photographs in cognitive assessment: Linking behavioral performance with biomarker status. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	1
24	[P2074]: MODELING OF HIDDEN CAUSES FOR DYNAMIC CHANGES IN STRUCTURAL INTEGRITY AND COGNITION IN SUBJECTIVE COGNITIVE DECLINE: A DELCODE PROJECT. <i>Alzheimer's and Dementia</i> , 2017, 13, P634.	0.8	0
25	Hippocampal vascularization pattern exerts local and global effects on structural and functional brain integrity. <i>Alzheimer's and Dementia</i> , 2020, 16, e039775.	0.8	0
26	Hippocampal volumetric variability is associated with memory in subjective cognitive decline. <i>Alzheimer's and Dementia</i> , 2020, 16, e043527.	0.8	0
27	Individualized MR-based prediction of cognitive performance in subjects at risk of dementia. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
28	A proposition for analyses and reporting standards for structural and functional magnetic resonance imaging of the noradrenergic locus coeruleus. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
29	Exploring the ATN classification system using brain morphology. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0