Andreas M Brandmaier

List of Publications by Year
in descending order

56 papers	2,180 citations	22 h-index	42 g-index
		304743	265206
83 all docs	83 docs citations	83 times ranked	3118 citing authors

#	Article	IF	Citations
1	Education and Income Show Heterogeneous Relationships to Lifespan Brain and Cognitive Differences Across European and US Cohorts. Cerebral Cortex, 2022, 32, 839-854.	2.9	25
2	Model of brain maintenance reveals specific change-change association between medial-temporal lobe integrity and episodic memory. Aging Brain, 2022, 2, 100027.	1.3	8
3	A strong dependency between changes in fluid and crystallized abilities in human cognitive aging. Science Advances, 2022, 8, eabj2422.	10.3	27
4	No Association Between Loneliness, Episodic Memory and Hippocampal Volume Change in Young and Healthy Older Adults: A Longitudinal European Multicenter Study. Frontiers in Aging Neuroscience, 2022, 14, 795764.	3.4	5
5	No Evidence for a Boost in Psychosocial Functioning in Older Age After a 6-Months Physical Exercise Intervention. Frontiers in Human Neuroscience, 2022, 16, 825454.	2.0	1
6	Reliability of quantitative multiparameter maps is high for magnetization transfer and proton density but attenuated for R_1 and R_2* in healthy young adults. Human Brain Mapping, 2022, 43, 3585-3603.	3.6	6
7	Test-retest and repositioning effects of white matter microstructure measurements in selected white matter tracts. NeuroImage Reports, 2022, 2, 100096.	1.0	1
8	Change in Latent Gray-Matter Structural Integrity Is Associated With Change in Cardiovascular Fitness in Older Adults Who Engage in At-Home Aerobic Exercise. Frontiers in Human Neuroscience, 2022, 16, .	2.0	8
9	M*plus* Trees: Structural Equation Model Trees Using M*plus*. Structural Equation Modeling, 2021, 28, 127-137.	3.8	8
10	Meta-analysis of generalized additive models in neuroimaging studies. NeuroImage, 2021, 224, 117416.	4.2	10
11	Hippocampal and Parahippocampal Gray Matter Structural Integrity Assessed by Multimodal Imaging Is Associated with Episodic Memory in Old Age. Cerebral Cortex, 2021, 31, 1464-1477.	2.9	17
12	Asymmetric thinning of the cerebral cortex across the adult lifespan is accelerated in Alzheimer's disease. Nature Communications, 2021, 12, 721.	12.8	67
13	Assessing Music Expertise. Music Perception, 2021, 38, 406-421.	1.1	4
14	Educational attainment does not influence brain aging. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	49
15	WORCS: A workflow for open reproducible code in science. Data Science, 2021, 4, 29-49.	0.9	14
16	The genetic organization of longitudinal subcortical volumetric change is stable throughout the lifespan. ELife, 2021, 10, .	6.0	7
17	Predicting Differences in Model Parameters with Individual Parameter Contribution Regression Using the R Package ipcr. Psych, 2021, 3, 360-385.	1.6	3
18	Correcting the bias of the Root Mean Squared Error of Approximation under missing data. Methodology, 2021, 17, 189-204.	1.1	4

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19	Poor Self-Reported Sleep is Related to Regional Cortical Thinning in Aging but not Memory Decline—Results From the Lifebrain Consortium. Cerebral Cortex, 2021, 31, 1953-1969.	2.9	25
20	A common polymorphism in the dopamine transporter gene predicts working memory performance and in vivo dopamine integrity in aging. NeuroImage, 2021, 245, 118707.	4.2	5
21	Individual variations in 'brain age' relate to early-life factors more than to longitudinal brain change. ELife, 2021, 10, .	6.0	71
22	Reproducible Research in R: A Tutorial on How to Do the Same Thing More Than Once. Psych, 2021, 3, 836-867.	1.6	9
23	Identifying Heterogeneity in Dynamic Panel Models with Individual Parameter Contribution Regression. Structural Equation Modeling, 2020, 27, 613-628.	3.8	7
24	Hippocampal Subfields and Limbic White Matter Jointly Predict Learning Rate in Older Adults. Cerebral Cortex, 2020, 30, 2465-2477.	2.9	13
25	Longitudinal association between hippocampus atrophy and episodic-memory decline in non-demented <i>APOE</i> Îµ4 carriers. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12110.	2.4	11
26	The Global Brain Health Survey: Development of a Multi-Language Survey of Public Views on Brain Health. Frontiers in Public Health, 2020, 8, 387.	2.7	8
27	Gaussian Process Panel Modeling—Machine Learning Inspired Analysis of Longitudinal Panel Data. Frontiers in Psychology, 2020, 11, 351.	2.1	6
28	Optimal planned missing data design for linear latent growth curve models. Behavior Research Methods, 2020, 52, 1445-1458.	4.0	4
29	Score-Guided Structural Equation Model Trees. Frontiers in Psychology, 2020, 11, 564403.	2.1	4
30	Cardiovascular factors are related to dopamine integrity and cognition in aging. Annals of Clinical and Translational Neurology, 2019, 6, 2291-2303.	3.7	19
31	Identifying predictors of within-person variance in MRI-based brain volume estimates. NeuroImage, 2019, 200, 575-589.	4.2	33
32	A Practical Guide to Variable Selection in Structural Equation Modeling by Using Regularized Multiple-Indicators, Multiple-Causes Models. Advances in Methods and Practices in Psychological Science, 2019, 2, 55-76.	9.4	45
33	White-matter microstructural properties of the corpus callosum: test–retest and repositioning effects in two parcellation schemes. Brain Structure and Function, 2019, 224, 3373-3385.	2.3	5
34	Food for thought: association between dietary tyrosine and cognitive performance in younger and older adults. Psychological Research, 2019, 83, 1097-1106.	1.7	35
35	Coupled cognitive changes in adulthood: A meta-analysis.. Psychological Bulletin, 2019, 145, 273-301.	6.1	111
36	Developmental cognitive neuroscience using latent change score models: A tutorial and applications. Developmental Cognitive Neuroscience, 2018, 33, 99-117.	4.0	282

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37	Precision, Reliability, and Effect Size of Slope Variance in Latent Growth Curve Models: Implications for Statistical Power Analysis. Frontiers in Psychology, 2018, 9, 294.	2.1	35
38	Recursive Partitioning in Continuous Time Analysis. , 2018, , 259-282.		7
39	Assessing reliability in neuroimaging research through intra-class effect decomposition (ICED). ELife, 2018, 7, .	6.0	49
40	Terminal decline in well-being: The role of multi-indicator constellations of physical health and psychosocial correlates.. Developmental Psychology, 2017, 53, 996-1012.	1.6	26
41	Theory-guided exploration with structural equation model forests.. Psychological Methods, 2016, 21, 566-582.	3.5	55
42	White matter and memory in healthy adults: Coupled changes over two years. NeuroImage, 2016, 131, 193-204.	4.2	51
43	Atypical working memory decline across the adult lifespan in autism spectrum disorder?. Journal of Abnormal Psychology, 2015, 124, 1014-1026.	1.9	54
44	STUDY PLANNING USING POWER ANALYSIS FOR LATENT GROWTH CURVE MODELS. Gerontologist, The, 2015, 55, 147-147.	3.9	0
45	Structural Equation Modeling With Înyx. Structural Equation Modeling, 2015, 22, 148-161.	3.8	119
46	Association between exploratory activity and social individuality in genetically identical mice living in the same enriched environment. Neuroscience, 2015, 309, 140-152.	2.3	50
47	LIFESPAN: A tool for the computer-aided design of longitudinal studies. Frontiers in Psychology, 2015, 6, 272.	2.1	37
48	Using within-subject pattern classification to understand lifespan age differences in oscillatory mechanisms of working memory selection and maintenance. NeuroImage, 2015, 118, 538-552.	4.2	20
49	pdc: An<i>R</i>Package for Complexity-Based Clustering of Time Series. Journal of Statistical Software, 2015, 67, .	3.7	31
50	The Val/Met polymorphism of the brain-derived neurotrophic factor (BDNF) gene predicts decline in perceptual speed in older adults.. Psychology and Aging, 2014, 29, 384-392.	1.6	27
51	Emergence of Individuality in Genetically Identical Mice. Science, 2013, 340, 756-759.	12.6	413
52	Optimal study design with identical power: An application of power equivalence to latent growth curve models.. Psychology and Aging, 2013, 28, 414-428.	1.6	25
53	Structural equation model trees.. Psychological Methods, 2013, 18, 71-86.	3.5	124
54	A New Approach for Assessing Sleep Duration and Postures from Ambulatory Accelerometry. PLoS ONE, 2012, 7, e48089.	2.5	39

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55	A New Approach for Assessing Sleep Duration and Postures from Ambulatory Accelerometry. SSRN Electronic Journal, 2012, , .	0.4	1
56	A Reproducible Data Analysis Workflow. Quantitative and Computational Methods in Behavioral Sciences, 0, 1, .	0.0	14