

# Rogier A Kievit

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

8,238  
citations

76326

40  
h-index

64796

79  
g-index

136  
all docs

136  
docs citations

136  
times ranked

10568  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal mental health mediates links between socioeconomic status and child development. <i>Current Psychology</i> , 2023, 42, 21967-21978.	2.8	1
2	Annual Research Review: The transdiagnostic revolution in neurodevelopmental disorders. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 397-417.	5.2	119
3	Education and Income Show Heterogeneous Relationships to Lifespan Brain and Cognitive Differences Across European and US Cohorts. <i>Cerebral Cortex</i> , 2022, 32, 839-854.	2.9	25
4	Well-Being and Cognition Are Coupled During Development: A Preregistered Longitudinal Study of 1,136 Children and Adolescents. <i>Clinical Psychological Science</i> , 2022, 10, 450-466.	4.0	13
5	Using large, publicly available data sets to study adolescent development: opportunities and challenges. <i>Current Opinion in Psychology</i> , 2022, 44, 303-308.	4.9	20
6	Mutualistic coupling of vocabulary and nonverbal reasoning in children with and without language disorder. <i>Developmental Science</i> , 2022, 25, .	2.4	7
7	Windows of developmental sensitivity to social media. <i>Nature Communications</i> , 2022, 13, 1649.	12.8	81
8	Public perceptions of brain health: an international, online cross-sectional survey. <i>BMJ Open</i> , 2022, 12, e057999.	1.9	6
9	Longitudinal development of language and fine motor skills is correlated, but not coupled, in a childhood atypical cohort. <i>Autism</i> , 2022, , 136236132210864.	4.1	2
10	Exploratory factor analysis with structured residuals for brain network data. <i>Network Neuroscience</i> , 2021, 5, 1-27.	2.6	11
11	Meta-analysis of generalized additive models in neuroimaging studies. <i>NeuroImage</i> , 2021, 224, 117416.	4.2	10
12	Theory Construction Methodology: A Practical Framework for Building Theories in Psychology. <i>Perspectives on Psychological Science</i> , 2021, 16, 756-766.	9.0	127
13	Asymmetric thinning of the cerebral cortex across the adult lifespan is accelerated in Alzheimer's disease. <i>Nature Communications</i> , 2021, 12, 721.	12.8	67
14	Educational attainment does not influence brain aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	49
15	It's about Time. , 2021, , 123-146.		1
16	Preference uncertainty accounts for developmental effects on susceptibility to peer influence in adolescence. <i>Nature Communications</i> , 2021, 12, 3823.	12.8	16
17	Bridging Brain and Cognition: A Multilayer Network Analysis of Brain Structural Covariance and General Intelligence in a Developmental Sample of Struggling Learners. <i>Journal of Intelligence</i> , 2021, 9, 32.	2.5	12
18	The genetic organization of longitudinal subcortical volumetric change is stable throughout the lifespan. <i>ELife</i> , 2021, 10, .	6.0	7

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19	Tracking Stress, Mental Health, and Resilience Factors in Medical Students Before, During, and After a Stress-Inducing Exam Period: Protocol and Proof-of-Principle Analyses for the RESIST Cohort Study. JMIR Formative Research, 2021, 5, e20128.	1.4	6
20	Decision-making ability, psychopathology, and brain connectivity. Neuron, 2021, 109, 2025-2040.e7.	8.1	34
21	Cognitive dimensions of learning in children with problems in attention, learning, and memory.. Journal of Educational Psychology, 2021, 113, 1454-1480.	2.9	23
22	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
23	Assigning the right credit to the wrong action: compulsivity in the general population is associated with augmented outcome-irrelevant value-based learning. Translational Psychiatry, 2021, 11, 564.	4.8	3
24	Individual variations in “brain age” relate to early-life factors more than to longitudinal brain change. ELife, 2021, 10, .	6.0	71
25	Physical Activity Predicts Population-Level Age-Related Differences in Frontal White Matter. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 236-243.	3.6	22
26	A Hierarchical Watershed Model of Fluid Intelligence in Childhood and Adolescence. Cerebral Cortex, 2020, 30, 339-352.	2.9	46
27	Neurocognitive reorganization between crystallized intelligence, fluid intelligence and white matter microstructure in two age-heterogeneous developmental cohorts. Developmental Cognitive Neuroscience, 2020, 41, 100743.	4.0	38
28	Self-reported sleep relates to hippocampal atrophy across the adult lifespan: results from the Lifebrain consortium. Sleep, 2020, 43, .	1.1	53
29	A factor score reflecting cognitive functioning in patients from the Swiss Atrial Fibrillation Cohort Study (Swiss-AF). PLoS ONE, 2020, 15, e0240167.	2.5	5
30	Compulsivity is linked to reduced adolescent development of goal-directed control and frontostriatal functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25911-25922.	7.1	23
31	Effect of apolipoprotein E polymorphism on cognition and brain in the Cambridge Centre for Ageing and Neuroscience cohort. Brain and Neuroscience Advances, 2020, 4, 239821282096170.	3.4	17
32	Sensitive periods in cognitive development: a mutualistic perspective. Current Opinion in Behavioral Sciences, 2020, 36, 144-149.	3.9	21
33	Slow processing speed: a cross-disorder phenomenon with significant clinical value, and in need of further methodological scrutiny. European Child and Adolescent Psychiatry, 2020, 29, 1325-1327.	4.7	14
34	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
35	Microglial activation and tau burden predict cognitive decline in Alzheimer’s disease. Brain, 2020, 143, 1588-1602.	7.6	113
36	Conservative and disruptive modes of adolescent change in human brain functional connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3248-3253.	7.1	96

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37	Age-related reduction in motor adaptation: brain structural correlates and the role of explicit memory. <i>Neurobiology of Aging</i> , 2020, 90, 13-23.	3.1	42
38	The Development of Academic Achievement and Cognitive Abilities: A Bidirectional Perspective. <i>Child Development Perspectives</i> , 2020, 14, 15-20.	3.9	181
39	The complex neurobiology of resilient functioning after childhood maltreatment. <i>BMC Medicine</i> , 2020, 18, 32.	5.5	81
40	Noradrenergic-dependent functions are associated with age-related locus coeruleus signal intensity differences. <i>Nature Communications</i> , 2020, 11, 1712.	12.8	74
41	Greater lifestyle engagement is associated with better age-adjusted cognitive abilities. <i>PLoS ONE</i> , 2020, 15, e0230077.	2.5	22
42	Mutualistic Coupling Between Vocabulary and Reasoning in Young Children: A Replication and Extension of the Study by Kievit et al. (2017). <i>Psychological Science</i> , 2019, 30, 1245-1252.	3.3	41
43	Applying causal models to explore the mechanism of action of simvastatin in progressive multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11020-11027.	7.1	28
44	A Practical Guide to Variable Selection in Structural Equation Modeling by Using Regularized Multiple-Indicators, Multiple-Causes Models. <i>Advances in Methods and Practices in Psychological Science</i> , 2019, 2, 55-76.	9.4	45
45	Credit assignment to state-independent task representations and its relationship with model-based decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15871-15876.	7.1	46
46	Strong and specific associations between cardiovascular risk factors and white matter micro- and macrostructure in healthy aging. <i>Neurobiology of Aging</i> , 2019, 74, 46-55.	3.1	38
47	InÂvivo visualization of age-related differences in the locus coeruleus. <i>Neurobiology of Aging</i> , 2019, 74, 101-111.	3.1	117
48	Domain-general enhancements of metacognitive ability through adaptive training.. <i>Journal of Experimental Psychology: General</i> , 2019, 148, 51-64.	2.1	101
49	Raincloud plots: a multi-platform tool for robust data visualization. <i>Wellcome Open Research</i> , 2019, 4, 63.	1.8	872
50	Protocol for an app-based affective control training for adolescents: proof-of-principle double-blind randomized controlled trial. <i>Wellcome Open Research</i> , 2019, 4, 91.	1.8	12
51	Protocol for an app-based affective control training for adolescents: proof-of-principle double-blind randomized controlled trial. <i>Wellcome Open Research</i> , 2019, 4, 91.	1.8	8
52	Healthy minds Oâ€“100 years: Optimising the use of European brain imaging cohorts (â€œLifebrainâ€œ). <i>European Psychiatry</i> , 2018, 50, 47-56.	0.2	53
53	Symptoms of depression in a large healthy population cohort are related to subjective memory complaints and memory performance in negative contexts. <i>Psychological Medicine</i> , 2018, 48, 104-114.	4.5	57
54	Developmental cognitive neuroscience using latent change score models: A tutorial and applications. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 99-117.	4.0	282

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55	Age Differentiation within Gray Matter, White Matter, and between Memory and White Matter in an Adult Life Span Cohort. <i>Journal of Neuroscience</i> , 2018, 38, 5826-5836.	3.6	60
56	Lifestyle activities in mid-life contribute to cognitive reserve in late-life, independent of education, occupation, and late-life activities. <i>Neurobiology of Aging</i> , 2018, 70, 180-183.	3.1	95
57	The neural determinants of age-related changes in fluid intelligence: a pre-registered, longitudinal analysis in UK Biobank. <i>Wellcome Open Research</i> , 2018, 3, 38.	1.8	31
58	Adolescent friendships predict later resilient functioning across psychosocial domains in a healthy community cohort. <i>Psychological Medicine</i> , 2017, 47, 2312-2322.	4.5	158
59	Cognitive neuroscience: More is different. <i>Nature Human Behaviour</i> , 2017, 1, .	12.0	0
60	How are age-related differences in sleep quality associated with health outcomes? An epidemiological investigation in a UK cohort of 2406 adults. <i>BMJ Open</i> , 2017, 7, e014920.	1.9	136
61	Mutualistic Coupling Between Vocabulary and Reasoning Supports Cognitive Development During Late Adolescence and Early Adulthood. <i>Psychological Science</i> , 2017, 28, 1419-1431.	3.3	77
62	Friendships and Family Support Reduce Subsequent Depressive Symptoms in At-Risk Adolescents. <i>PLoS ONE</i> , 2016, 11, e0153715.	2.5	151
63	Multiple determinants of lifespan memory differences. <i>Scientific Reports</i> , 2016, 6, 32527.	3.3	63
64	How common are WM deficits in children with difficulties in reading and mathematics?. <i>Journal of Applied Research in Memory and Cognition</i> , 2016, 5, 384-394.	1.1	66
65	Process Overlap Theory: Strengths, Limitations, and Challenges. <i>Psychological Inquiry</i> , 2016, 27, 220-228.	0.9	8
66	A watershed model of individual differences in fluid intelligence. <i>Neuropsychologia</i> , 2016, 91, 186-198.	1.6	112
67	Ageing increases reliance on sensorimotor prediction through structural and functional differences in frontostriatal circuits. <i>Nature Communications</i> , 2016, 7, 13034.	12.8	101
68	The volumes of subcortical regions in depressed and healthy individuals are strikingly similar: a reinterpretation of the results by Schmaal et al.. <i>Molecular Psychiatry</i> , 2016, 21, 724-725.	7.9	24
69	A New Set of Three-Dimensional Shapes for Investigating Mental Rotation Processes: Validation Data and Stimulus Set. , 2015, 3, .		59
70	Distinct aspects of frontal lobe structure mediate age-related differences in fluid intelligence and multitasking. <i>Nature Communications</i> , 2014, 5, 5658.	12.8	139
71	A Reliable, Valid and Responsive Questionnaire to Score the Impact of Knee Complaints on Work Following Total Knee Arthroplasty: The WORQ. <i>Journal of Arthroplasty</i> , 2014, 29, 1169-1175.e2.	3.1	41
72	Unique semantic space in the brain of each beholder predicts perceived similarity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14565-14570.	7.1	139

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73	The meaning of "significance" for different types of research [translated and annotated by Eric-Jan Wagenmakers, Denny Borsboom, Josine Verhagen, Rogier Kievit, Marjan Bakker, Angelique Cramer, Dora Matzke, Don Mellenbergh, and Han L. J. van der Maas]. <i>Acta Psychologica</i> , 2014, 148, 188-194.	1.5	139
74	Representational geometry: integrating cognition, computation, and the brain. <i>Trends in Cognitive Sciences</i> , 2013, 17, 401-412.	7.8	730
75	Deconstructing the construct: A network perspective on psychological phenomena. <i>New Ideas in Psychology</i> , 2013, 31, 43-53.	1.9	471
76	Simpson's paradox in psychological science: a practical guide. <i>Frontiers in Psychology</i> , 2013, 4, 513.	2.1	314
77	Intelligence and the brain: A model-based approach. <i>Cognitive Neuroscience</i> , 2012, 3, 89-97.	1.4	62
78	An Agenda for Purely Confirmatory Research. <i>Perspectives on Psychological Science</i> , 2012, 7, 632-638.	9.0	698
79	PowerPoint® Presentation Flaws and Failures: A Psychological Analysis. <i>Frontiers in Psychology</i> , 2012, 3, 230.	2.1	38
80	Letting the daylight in: Reviewing the reviewers and other ways to maximize transparency in science. <i>Frontiers in Computational Neuroscience</i> , 2012, 6, 20.	2.1	40
81	Autism and perception of awareness in self and others: Two sides of the same coin or dissociated abilities?. <i>Cognitive Neuroscience</i> , 2011, 2, 119-120.	1.4	5
82	Lying in the scanner: Covert countermeasures disrupt deception detection by functional magnetic resonance imaging. <i>NeuroImage</i> , 2011, 55, 312-319.	4.2	113
83	Mind the Gap: A Psychometric Approach to the Reduction Problem. <i>Psychological Inquiry</i> , 2011, 22, 67-87.	0.9	54
84	On the interpretation of the CHC factor Gc. <i>Intelligence</i> , 2011, 39, 292-302.	3.0	81
85	Mental rotation is not easily cognitively penetrable. <i>Journal of Cognitive Psychology</i> , 2011, 23, 60-75.	0.9	29
86	Higher Autonomic Activation Predicts Better Performance in Iowa Gambling Task. <i>Cognitive and Behavioral Neurology</i> , 2011, 24, 93-98.	0.9	19
87	Bayesians Caught Smuggling Priors Into Rotterdam Harbor. <i>Perspectives on Psychological Science</i> , 2011, 6, 313-313.	9.0	5
88	Transdiagnostic Networks. <i>Perspectives on Psychological Science</i> , 2011, 6, 610-614.	9.0	47
89	Modeling Mind and Matter: Reductionism and Psychological Measurement in Cognitive Neuroscience. <i>Psychological Inquiry</i> , 2011, 22, 139-157.	0.9	16
90	Evolutionary psychology and intelligence research cannot be integrated the way Kanazawa (2010) suggested.. <i>American Psychologist</i> , 2011, 66, 916-917.	4.2	45

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91	Intrusions of autobiographical memories in individuals reporting childhood emotional maltreatment. <i>Høgskole Tidsskrift</i> , 2011, 2, 7336.	3.0	10
92	Cognitive psychology meets psychometric theory: On the relation between process models for decision making and latent variable models for individual differences. <i>Psychological Review</i> , 2011, 118, 339-356.	3.8	136
93	The Two Disciplines of Scientific Psychology, or: The Disunity of Psychology as a Working Hypothesis. <i>Journal of Experimental Psychology: Applied</i> , 2009, 15, 67-97.		57
94	Raincloud plots: a multi-platform tool for robust data visualization. <i>Wellcome Open Research</i> , 0, 4, 63.	1.8	218
95	The neural determinants of age-related changes in fluid intelligence: a pre-registered, longitudinal analysis in UK Biobank. <i>Wellcome Open Research</i> , 0, 3, 38.	1.8	6
96	Why Your Mind Is Like a Shark: Testing the Idea of Mutualism. <i>Frontiers for Young Minds</i> , 0, 8, .	0.8	0