

# Christian Krog Tamnes

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

10,190  
citations

44069

48  
h-index

42399

92  
g-index

139  
all docs

139  
docs citations

139  
times ranked

12912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping Normative Trajectories of Cognitive Function and Its Relation to Psychopathology Symptoms and Genetic Risk in Youth. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 255-263.	2.2	8
2	In vivo hippocampal subfield volumes in bipolar disorder—A mega-analysis from The Enhancing Neuro Imaging Genetics through Meta-Analysis Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2022, 43, 385-398.	3.6	41
3	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2022, 43, 470-499.	3.6	76
4	Intracranial and subcortical volumes in adolescents with early-onset psychosis: A multisite mega-analysis from the ENIGMA consortium. <i>Human Brain Mapping</i> , 2022, 43, 373-384.	3.6	27
5	What we learn about bipolar disorder from large-scale neuroimaging: Findings and future directions from the ENIGMA Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2022, 43, 56-82.	3.6	67
6	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3–90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
7	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3–90 years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	3.6	72
8	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the ENIGMA working groups on CNVs. <i>Human Brain Mapping</i> , 2022, 43, 300-328.	3.6	30
9	Best Practices in Structural Neuroimaging of Neurodevelopmental Disorders. <i>Neuropsychology Review</i> , 2022, 32, 400-418.	4.9	14
10	Unity or diversity of executive functioning in children and adolescents with post-traumatic stress symptoms? A systematic review and meta-analysis. <i>Child Neuropsychology</i> , 2022, 28, 374-393.	1.3	3
11	Contextualizing adolescent structural brain development: Environmental determinants and mental health outcomes. <i>Current Opinion in Psychology</i> , 2022, 44, 170-176.	4.9	31
12	Age-related differences in the error-related negativity and error positivity in children and adolescents are moderated by sample and methodological characteristics: A meta-analysis. <i>Psychophysiology</i> , 2022, 59, e14003.	2.4	15
13	Lexical Access Speed and the Development of Phonological Recoding during Immediate Serial Recall. <i>Journal of Cognition and Development</i> , 2022, 23, 624-643.	1.3	1
14	Parental socioeconomic status is linked to cortical microstructure and language abilities in children and adolescents. <i>Developmental Cognitive Neuroscience</i> , 2022, 56, 101132.	4.0	12
15	Associations of age, body mass index and biochemical parameters with brain morphology in patients with anorexia nervosa. <i>European Eating Disorders Review</i> , 2021, 29, 74-85.	4.1	3
16	To which world regions does the valence dominance model of social perception apply?. <i>Nature Human Behaviour</i> , 2021, 5, 159-169.	12.0	85
17	Opportunities for increased reproducibility and replicability of developmental neuroimaging. <i>Developmental Cognitive Neuroscience</i> , 2021, 47, 100902.	4.0	48
18	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021, 11, 182.	4.8	24

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19	Cognitive reappraisal and expressive suppression relate differentially to longitudinal structural brain development across adolescence. <i>Cortex</i> , 2021, 136, 109-123.	2.4	11
20	#EEGManyLabs: Investigating the replicability of influential EEG experiments. <i>Cortex</i> , 2021, 144, 213-229.	2.4	52
21	Multilab Direct Replication of Flavell, Beach, and Chinsky (1966): Spontaneous Verbal Rehearsal in a Memory Task as a Function of Age. <i>Advances in Methods and Practices in Psychological Science</i> , 2021, 4, 251524592110181.	9.4	15
22	Electrophysiological and behavioral indices of cognitive conflict processing across adolescence. <i>Developmental Cognitive Neuroscience</i> , 2021, 48, 100929.	4.0	11
23	Development of attention networks from childhood to young adulthood: A study of performance, intraindividual variability and cortical thickness. <i>Cortex</i> , 2021, 138, 138-151.	2.4	12
24	Association of Structural Magnetic Resonance Imaging Measures With Psychosis Onset in Individuals at Clinical High Risk for Developing Psychosis. <i>JAMA Psychiatry</i> , 2021, 78, 753.	11.0	74
25	A multi-country test of brief reappraisal interventions on emotions during the COVID-19 pandemic. <i>Nature Human Behaviour</i> , 2021, 5, 1089-1110.	12.0	71
26	New insights into the dynamic development of the cerebral cortex in childhood and adolescence: Integrating macro- and microstructural MRI findings. <i>Progress in Neurobiology</i> , 2021, 204, 102109.	5.7	54
27	Development of white matter microstructure and executive functions during childhood and adolescence: a review of diffusion MRI studies. <i>Developmental Cognitive Neuroscience</i> , 2021, 51, 101008.	4.0	27
28	Inter-individual variability in structural brain development from late childhood to young adulthood. <i>NeuroImage</i> , 2021, 242, 118450.	4.2	64
29	A Pilot Study of a Parent Emotion Socialization Intervention: Impact on Parent Behavior, Child Self-Regulation, and Adjustment. <i>Frontiers in Psychology</i> , 2021, 12, 730278.	2.1	8
30	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. <i>JAMA Psychiatry</i> , 2020, 77, 420.	11.0	54
31	Becoming a mother entails anatomical changes in the ventral striatum of the human brain that facilitate its responsiveness to offspring cues. <i>Psychoneuroendocrinology</i> , 2020, 112, 104507.	2.7	50
32	Exploring the links between specific depression symptoms and brain structure: A network study. <i>Psychiatry and Clinical Neurosciences</i> , 2020, 74, 220-221.	1.8	24
33	Maturation of cortical microstructure and cognitive development in childhood and adolescence: A T1w/T2w ratio <math>\langle \text{scp} \rangle \text{MRI} \langle / \text{scp} \rangle</math> study. <i>Human Brain Mapping</i> , 2020, 41, 4676-4690.	3.6	30
34	Testing relationships between multimodal modes of brain structural variation and age, sex and polygenic scores for neuroticism in children and adolescents. <i>Translational Psychiatry</i> , 2020, 10, 251.	4.8	3
35	Error processing in the adolescent brain: Age-related differences in electrophysiology, behavioral adaptation, and brain morphology. <i>Developmental Cognitive Neuroscience</i> , 2019, 38, 100665.	4.0	28
36	Structural Variability in the Human Brain Reflects Fine-Grained Functional Architecture at the Population Level. <i>Journal of Neuroscience</i> , 2019, 39, 6136-6149.	3.6	29

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37	Prosocial behavior relates to the rate and timing of cortical thinning from adolescence to young adulthood. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100734.	4.0	17
38	Waves of Maturation and Senescence in Micro-structural MRI Markers of Human Cortical Myelination over the Lifespan. <i>Cerebral Cortex</i> , 2019, 29, 1369-1381.	2.9	91
39	Continuity and Discontinuity in Human Cortical Development and Change From Embryonic Stages to Old Age. <i>Cerebral Cortex</i> , 2019, 29, 3879-3890.	2.9	27
40	Probing Brain Developmental Patterns of Myelination and Associations With Psychopathology in Youths Using Gray/White Matter Contrast. <i>Biological Psychiatry</i> , 2019, 85, 389-398.	1.3	45
41	Emerging depression in adolescence coincides with accelerated frontal cortical thinning. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 994-1002.	5.2	84
42	Development of subcortical volumes across adolescence in males and females: A multisample study of longitudinal changes. <i>NeuroImage</i> , 2018, 172, 194-205.	4.2	133
43	Personality Traits Are Associated With Cortical Development Across Adolescence: A Longitudinal Structural MRI Study. <i>Child Development</i> , 2018, 89, 811-822.	3.0	28
44	Longitudinal development of hippocampal subregions from childhood to adulthood. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 212-222.	4.0	76
45	Unraveling age, puberty and testosterone effects on subcortical brain development across adolescence. <i>Psychoneuroendocrinology</i> , 2018, 91, 105-114.	2.7	146
46	A Key Characteristic of Sex Differences in the Developing Brain: Greater Variability in Brain Structure of Boys than Girls. <i>Cerebral Cortex</i> , 2018, 28, 2741-2751.	2.9	95
47	Structural brain development: A review of methodological approaches and best practices. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 129-148.	4.0	94
48	Diffusion MRI of white matter microstructure development in childhood and adolescence: Methods, challenges and progress. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 161-175.	4.0	128
49	The corpus callosum as anatomical marker of intelligence? A critical examination in a large-scale developmental study. <i>Brain Structure and Function</i> , 2018, 223, 285-296.	2.3	29
50	Longitudinal structural brain development and externalizing behavior in adolescence. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 1061-1072.	5.2	53
51	Development of the P300 from childhood to adulthood: a multimodal EEG and MRI study. <i>Brain Structure and Function</i> , 2018, 223, 4337-4349.	2.3	16
52	The Psychological Science Accelerator: Advancing Psychology Through a Distributed Collaborative Network. <i>Advances in Methods and Practices in Psychological Science</i> , 2018, 1, 501-515.	9.4	203
53	Development of white matter microstructure in relation to verbal and visuospatial working memory—A longitudinal study. <i>PLoS ONE</i> , 2018, 13, e0195540.	2.5	48
54	Neuroimaging hippocampal subfields in schizophrenia and bipolar disorder: A systematic review and meta-analysis. <i>Journal of Psychiatric Research</i> , 2018, 104, 217-226.	3.1	116

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55	Morphometry and Development: Changes in Brain Structure from Birth to Adult Age. <i>Neuromethods</i> , 2018, , 143-164.	0.3	3
56	Social perspective taking is associated with self-reported prosocial behavior and regional cortical thickness across adolescence.. <i>Developmental Psychology</i> , 2018, 54, 1745-1757.	1.6	40
57	Development of the Cerebral Cortex across Adolescence: A Multisample Study of Inter-Related Longitudinal Changes in Cortical Volume, Surface Area, and Thickness. <i>Journal of Neuroscience</i> , 2017, 37, 3402-3412.	3.6	496
58	Organizing Principles of Human Cortical Development—Thickness and Area from 4 to 30 Years: Insights from Comparative Primate Neuroanatomy. <i>Cerebral Cortex</i> , 2016, 26, 257-267.	2.9	148
59	Neurocognitive Outcome in Very Long-Term Survivors of Childhood Acute Lymphoblastic Leukemia After Treatment with Chemotherapy Only. <i>Pediatric Blood and Cancer</i> , 2016, 63, 133-138.	1.5	63
60	Structural brain development between childhood and adulthood: Convergence across four longitudinal samples. <i>NeuroImage</i> , 2016, 141, 273-281.	4.2	427
61	Neurodevelopmental origins of lifespan changes in brain and cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9357-9362.	7.1	163
62	Brain volumes and regional cortical thickness in young females with anorexia nervosa. <i>BMC Psychiatry</i> , 2016, 16, 404.	2.6	23
63	Diffusion tensor imaging and behavior in premature infants at 8 years of age, a randomized controlled trial with long-chain polyunsaturated fatty acids. <i>Early Human Development</i> , 2016, 95, 41-46.	1.8	24
64	White Matter Microstructure in Early-Onset Schizophrenia: A Systematic Review of Diffusion Tensor Imaging Studies. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2016, 55, 269-279.	0.5	57
65	Changes in white matter microstructure in the developing brain—A longitudinal diffusion tensor imaging study of children from 4 to 11 years of age. <i>NeuroImage</i> , 2016, 124, 473-486.	4.2	160
66	Cortical surface area and thickness in adult survivors of pediatric acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2015, 62, 1027-1034.	1.5	47
67	Long-Chain Polyunsaturated Fatty Acids and Cognition in VLBW Infants at 8 years: an RCT. <i>Pediatrics</i> , 2015, 135, 972-980.	2.1	49
68	Maturation of Cortico-Subcortical Structural Networks—Segregation and Overlap of Medial Temporal and Fronto-Striatal Systems in Development. <i>Cerebral Cortex</i> , 2015, 25, 1835-1841.	2.9	32
69	High-Expanding Cortical Regions in Human Development and Evolution Are Related to Higher Intellectual Abilities. <i>Cerebral Cortex</i> , 2015, 25, 26-34.	2.9	104
70	Development and aging of cortical thickness correspond to genetic organization patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15462-15467.	7.1	228
71	The Roots of Alzheimer's Disease: Are High-Expanding Cortical Areas Preferentially Targeted?. <i>Cerebral Cortex</i> , 2015, 25, 2556-2565.	2.9	16
72	Genome-Wide Analysis of Attention Deficit Hyperactivity Disorder in Norway. <i>PLoS ONE</i> , 2015, 10, e0122501.	2.5	71

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73	Regional Hippocampal Volumes and Development Predict Learning and Memory. <i>Developmental Neuroscience</i> , 2014, 36, 161-174.	2.0	67
74	A common brain network links development, aging, and vulnerability to disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17648-17653.	7.1	268
75	Differential Longitudinal Changes in Cortical Thickness, Surface Area and Volume across the Adult Life Span: Regions of Accelerating and Decelerating Change. <i>Journal of Neuroscience</i> , 2014, 34, 8488-8498.	3.6	450
76	Brain structural maturation and the foundations of cognitive behavioral development. <i>Current Opinion in Neurology</i> , 2014, 27, 176-184.	3.6	39
77	Accelerated Changes in White Matter Microstructure during Aging: A Longitudinal Diffusion Tensor Imaging Study. <i>Journal of Neuroscience</i> , 2014, 34, 15425-15436.	3.6	239
78	Methods and considerations for longitudinal structural brain imaging analysis across development. <i>Developmental Cognitive Neuroscience</i> , 2014, 9, 172-190.	4.0	216
79	Development of hippocampal subfield volumes from 4 to 22 years. <i>Human Brain Mapping</i> , 2014, 35, 5646-5657.	3.6	82
80	Age-related cortical thickness differences in adolescents with early-onset schizophrenia compared with healthy adolescents. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 190-196.	1.8	30
81	Brain development and aging: Overlapping and unique patterns of change. <i>NeuroImage</i> , 2013, 68, 63-74.	4.2	240
82	Performance monitoring in children and adolescents: A review of developmental changes in the error-related negativity and brain maturation. <i>Developmental Cognitive Neuroscience</i> , 2013, 6, 1-13.	4.0	105
83	Longitudinal Working Memory Development Is Related to Structural Maturation of Frontal and Parietal Cortices. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1611-1623.	2.3	120
84	Reduced Neuroanatomic Volumes in Long-Term Survivors of Childhood Acute Lymphoblastic Leukemia. <i>Journal of Clinical Oncology</i> , 2013, 31, 2078-2085.	1.6	67
85	Intracortical Myelin Links with Performance Variability across the Human Lifespan: Results from T1- and T2-Weighted MRI Myelin Mapping and Diffusion Tensor Imaging. <i>Journal of Neuroscience</i> , 2013, 33, 18618-18630.	3.6	247
86	Becoming Consistent: Developmental Reductions in Intraindividual Variability in Reaction Time Are Related to White Matter Integrity. <i>Journal of Neuroscience</i> , 2012, 32, 972-982.	3.6	169
87	Dissociating Memory Processes in the Developing Brain: The Role of Hippocampal Volume and Cortical Thickness in Recall after Minutes versus Days. <i>Cerebral Cortex</i> , 2012, 22, 381-390.	2.9	48
88	Mental time travel and default-mode network functional connectivity in the developing brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16800-16804.	7.1	102
89	Benefits of multi-modal fusion analysis on a large-scale dataset: Life-span patterns of inter-subject variability in cortical morphometry and white matter microstructure. <i>NeuroImage</i> , 2012, 63, 365-380.	4.2	137
90	Normal variation in behavioral adjustment relates to regional differences in cortical thickness in children. <i>European Child and Adolescent Psychiatry</i> , 2012, 21, 133-140.	4.7	21

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91	The brain dynamics of intellectual development: Waxing and waning white and gray matter. <i>Neuropsychologia</i> , 2011, 49, 3605-3611.	1.6	48
92	Morphometry and connectivity of the fronto-parietal verbal working memory network in development. <i>Neuropsychologia</i> , 2011, 49, 3854-3862.	1.6	107
93	Neuroanatomical correlates of executive functions in children and adolescents: A magnetic resonance imaging (MRI) study of cortical thickness. <i>Neuropsychologia</i> , 2010, 48, 2496-2508.	1.6	135
94	Intellectual abilities and white matter microstructure in development: A diffusion tensor imaging study. <i>Human Brain Mapping</i> , 2010, 31, 1609-1625.	3.6	110
95	When does brain aging accelerate? Dangers of quadratic fits in cross-sectional studies. <i>NeuroImage</i> , 2010, 50, 1376-1383.	4.2	222
96	Differentiating maturational and aging-related changes of the cerebral cortex by use of thickness and signal intensity. <i>NeuroImage</i> , 2010, 52, 172-185.	4.2	155
97	Brain Maturation in Adolescence and Young Adulthood: Regional Age-Related Changes in Cortical Thickness and White Matter Volume and Microstructure. <i>Cerebral Cortex</i> , 2010, 20, 534-548.	2.9	668
98	Life-Span Changes of the Human Brain White Matter: Diffusion Tensor Imaging (DTI) and Volumetry. <i>Cerebral Cortex</i> , 2010, 20, 2055-2068.	2.9	664
99	Heterogeneity in Subcortical Brain Development: A Structural Magnetic Resonance Imaging Study of Brain Maturation from 8 to 30 Years. <i>Journal of Neuroscience</i> , 2009, 29, 11772-11782.	3.6	423
100	Tactics of hierarchy negotiation. <i>Journal of Research in Personality</i> , 2007, 41, 25-44.	1.7	50
101	Learning From Mistakes: How Does the Brain Handle Errors?. <i>Frontiers for Young Minds</i> , 0, 8, .	0.8	2