# Hakon Grydeland

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/29444/publications.pdf

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|---|---|---|---|
| 50<br>papers | 4,710<br>citations | 172457<br>29<br>h-index | 189892<br>50<br>g-index |
| 58<br>all docs | 58<br>docs citations | 58<br>times ranked | 7545<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Associations of circulating C-reactive proteins, APOE Îµ4, and brain markers for Alzheimerâ€™s disease in healthy samples across the lifespan. Brain, Behavior, and Immunity, 2022, 100, 243-253. | 4.1 | 12 |
| 2 | Evidence for widespread alterations in cortical microstructure after 32â€‰h of sleep deprivation. Translational Psychiatry, 2022, 12, 161. | 4.8 | 1 |
| 3 | The Functional Foundations of Episodic Memory Remain Stable Throughout the Lifespan. Cerebral Cortex, 2021, 31, 2098-2110. | 2.9 | 3 |
| 4 | Cognitive reappraisal and expressive suppression relate differentially to longitudinal structural brain development across adolescence. Cortex, 2021, 136, 109-123. | 2.4 | 11 |
| 5 | Self-reported sleep relates to microstructural hippocampal decline in ÃŸ-amyloid positive Adults beyond genetic risk. Sleep, 2021, 44, . | 1.1 | 5 |
| 6 | The genetic organization of longitudinal subcortical volumetric change is stable throughout the lifespan. ELife, 2021, 10, . | 6.0 | 7 |
| 7 | Cellular correlates of cortical thinning throughout the lifespan. Scientific Reports, 2020, 10, 21803. | 3.3 | 80 |
| 8 | Prosocial behavior relates to the rate and timing of cortical thinning from adolescence to young adulthood. Developmental Cognitive Neuroscience, 2019, 40, 100734. | 4.0 | 17 |
| 9 | Waves of Maturation and Senescence in Micro-structural MRI Markers of Human Cortical Myelination over the Lifespan. Cerebral Cortex, 2019, 29, 1369-1381. | 2.9 | 91 |
| 10 | Continuity and Discontinuity in Human Cortical Development and Change From Embryonic Stages to Old Age. Cerebral Cortex, 2019, 29, 3879-3890. | 2.9 | 27 |
| 11 | High-Expanding Regions in Primate Cortical Brain Evolution Support Supramodal Cognitive Flexibility. Cerebral Cortex, 2019, 29, 3891-3901. | 2.9 | 20 |
| 12 | Personality Traits Are Associated With Cortical Development Across Adolescence: A Longitudinal Structural MRI Study. Child Development, 2018, 89, 811-822. | 3.0 | 28 |
| 13 | Trajectories and Milestones of Cortical and Subcortical Development of the Marmoset Brain From Infancy to Adulthood. Cerebral Cortex, 2018, 28, 4440-4453. | 2.9 | 48 |
| 14 | Development of white matter microstructure in relation to verbal and visuospatial working memoryâ€”A longitudinal study. PLoS ONE, 2018, 13, e0195540. | 2.5 | 48 |
| 15 | The Disconnected Brain and Executive Function Decline in Aging. Cerebral Cortex, 2017, 27, bhw082. | 2.9 | 130 |
| 16 | Decoupling of large-scale brain networks supports the consolidation of durable episodic memories. NeuroImage, 2017, 153, 336-345. | 4.2 | 16 |
| 17 | The effects of memory training on behavioral and microstructural plasticity in young and older adults. Human Brain Mapping, 2017, 38, 5666-5680. | 3.6 | 43 |
| 18 | Relationship between structural and functional connectivity change across the adult lifespan: A longitudinal investigation. Human Brain Mapping, 2017, 38, 561-573. | 3.6 | 82 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Organizing Principles of Human Cortical Developmentâ€"Thickness and Area from 4 to 30 Years: Insights from Comparative Primate Neuroanatomy. Cerebral Cortex, 2016, 26, 257-267. | 2.9 | 148 |
| 20 | Effects of change in FreeSurfer version on classification accuracy of patients with Alzheimer's disease and mild cognitive impairment. Human Brain Mapping, 2016, 37, 1831-1841. | 3.6 | 30 |
| 21 | Accelerated longitudinal gray/white matter contrast decline in aging in lightly myelinated cortical regions. Human Brain Mapping, 2016, 37, 3669-3684. | 3.6 | 40 |
| 22 | White matter integrity as a marker for cognitive plasticity in aging. Neurobiology of Aging, 2016, 47, 74-82. | 3.1 | 56 |
| 23 | Neurodevelopmental origins of lifespan changes in brain and cognition. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9357-9362. | 7.1 | 163 |
| 24 | Brain Events Underlying Episodic Memory Changes in Aging: A Longitudinal Investigation of Structural and Functional Connectivity. Cerebral Cortex, 2016, 26, 1272-1286. | 2.9 | 114 |
| 25 | Diffusion tensor imaging and behavior in premature infants at 8 years of age, a randomized controlled trial with long-chain polyunsaturated fatty acids. Early Human Development, 2016, 95, 41-46. | 1.8 | 24 |
| 26 | Premises of plasticity â€" And the loneliness of the medial temporal lobe. NeuroImage, 2016, 131, 48-54. | 4.2 | 16 |
| 27 | Changes in white matter microstructure in the developing brainâ€"A longitudinal diffusion tensor imaging study of children from 4 to 11 years of age. NeuroImage, 2016, 124, 473-486. | 4.2 | 160 |
| 28 | Intracortical Posterior Cingulate Myelin Content Relates to Error Processing: Results fromT<sub>1</sub>- andT<sub>2</sub>-Weighted MRI Myelin Mapping and Electrophysiology in Healthy Adults. Cerebral Cortex, 2016, 26, 2402-2410. | 2.9 | 44 |
| 29 | High-Expanding Cortical Regions in Human Development and Evolution Are Related to Higher Intellectual Abilities. Cerebral Cortex, 2015, 25, 26-34. | 2.9 | 104 |
| 30 | Mechanisms Underlying Encoding of Short-Lived Versus Durable Episodic Memories. Journal of Neuroscience, 2015, 35, 5202-5212. | 3.6 | 42 |
| 31 | Development and aging of cortical thickness correspond to genetic organization patterns. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15462-15467. | 7.1 | 228 |
| 32 | The Roots of Alzheimer's Disease: Are High-Expanding Cortical Areas Preferentially Targeted?. Cerebral Cortex, 2015, 25, 2556-2565. | 2.9 | 16 |
| 33 | Functional connectivity change across multiple cortical networks relates to episodic memory changes in aging. Neurobiology of Aging, 2015, 36, 3255-3268. | 3.1 | 64 |
| 34 | Regional Hippocampal Volumes and Development Predict Learning and Memory. Developmental Neuroscience, 2014, 36, 161-174. | 2.0 | 67 |
| 35 | Accelerating Cortical Thinning: Unique to Dementia or Universal in Aging?. Cerebral Cortex, 2014, 24, 919-934. | 2.9 | 250 |
| 36 | Development of hippocampal subfield volumes from 4 to 22 years. Human Brain Mapping, 2014, 35, 5646-5657. | 3.6 | 82 |

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|---|---|---|---|
| 37 | Improved prediction of Alzheimer's disease with longitudinal white matter/gray matter contrast changes. Human Brain Mapping, 2013, 34, 2775-2785. | 3.6 | 19 |
| 38 | Brain development and aging: Overlapping and unique patterns of change. NeuroImage, 2013, 68, 63-74. | 4.2 | 240 |
| 39 | Critical ages in the life course of the adult brain: nonlinear subcortical aging. Neurobiology of Aging, 2013, 34, 2239-2247. | 3.1 | 319 |
| 40 | Neuronal correlates of the five factor model (FFM) of human personality: Multimodal imaging in a large healthy sample. NeuroImage, 2013, 65, 194-208. | 4.2 | 197 |
| 41 | Longitudinal Working Memory Development Is Related to Structural Maturation of Frontal and Parietal Cortices. Journal of Cognitive Neuroscience, 2013, 25, 1611-1623. | 2.3 | 120 |
| 42 | Intracortical Myelin Links with Performance Variability across the Human Lifespan: Results from T1- and T2-Weighted MRI Myelin Mapping and Diffusion Tensor Imaging. Journal of Neuroscience, 2013, 33, 18618-18630. | 3.6 | 247 |
| 43 | Exploring the relationship between white matter microstructure and working memory functioning following stroke: A single case study of computerized cognitive training. Neurocase, 2012, 18, 139-151. | 0.6 | 22 |
| 44 | Social Reward Dependence and Brain White Matter Microstructure. Cerebral Cortex, 2012, 22, 2672-2679. | 2.9 | 30 |
| 45 | Mental time travel and default-mode network functional connectivity in the developing brain. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16800-16804. | 7.1 | 102 |
| 46 | Linking an Anxiety-Related Personality Trait to Brain White Matter Microstructure. Archives of General Psychiatry, 2011, 68, 369. | 12.3 | 113 |
| 47 | Associations between Regional Cortical Thickness and Attentional Networks as Measured by the Attention Network Test. Cerebral Cortex, 2011, 21, 345-356. | 2.9 | 140 |
| 48 | Differentiating maturational and aging-related changes of the cerebral cortex by use of thickness and signal intensity. NeuroImage, 2010, 52, 172-185. | 4.2 | 155 |
| 49 | Life-Span Changes of the Human Brain White Matter: Diffusion Tensor Imaging (DTI) and Volumetry. Cerebral Cortex, 2010, 20, 2055-2068. | 2.9 | 664 |
| 50 | Amnesia Following Herpes Simplex Encephalitis: Diffusion-Tensor Imaging Uncovers Reduced Integrity of Normal-appearing White Matter. Radiology, 2010, 257, 774-781. | 7.3 | 16 |