# Lauren E Salminen

List of Publications by Year
in descending order

| 48 papers | 1,861 citations | 471061<br>17 h-index | 301761<br>39 g-index |
|---|---|---|---|
| 62 all docs | 62 docs citations | 62 times ranked | 4301 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | In vivo hippocampal subfield volumes in bipolar disorder—A mega‐analysis from The Enhancing Neuro Imaging Genetics through <scp>Meta‐Analysis</scp> Bipolar Disorder Working Group. Human Brain Mapping, 2022, 43, 385-398. | 1.9 | 41 |
| 2 | Sex is a defining feature of neuroimaging phenotypes in major brain disorders. Human Brain Mapping, 2022, 43, 500-542. | 1.9 | 25 |
| 3 | Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results From the ENIGMA-PGC Posttraumatic Stress Disorder Consortium. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 935-948. | 1.1 | 2 |
| 4 | Assessment of brain age in posttraumatic stress disorder: Findings from the ENIGMA PTSD and brain age working groups. Brain and Behavior, 2022, 12, e2413. | 1.0 | 25 |
| 5 | Predicting Cognitive Impairment Using a Data-Driven Cortical Vulnerability Index. Biological Psychiatry, 2022, 91, S22. | 0.7 | 0 |
| 6 | Altered white matter microstructural organization in posttraumatic stress disorder across 3047 adults: results from the PGC-ENIGMA PTSD consortium. Molecular Psychiatry, 2021, 26, 4315-4330. | 4.1 | 69 |
| 7 | Cortical volume abnormalities in posttraumatic stress disorder: an ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. Molecular Psychiatry, 2021, 26, 4331-4343. | 4.1 | 52 |
| 8 | Association of Immunosuppression and Viral Load With Subcortical Brain Volume in an International Sample of People Living With HIV. JAMA Network Open, 2021, 4, e2031190. | 2.8 | 16 |
| 9 | Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort. Psychological Medicine, 2020, 50, 1020-1031. | 2.7 | 59 |
| 10 | Machine-learning classification of neurocognitive performance in children with perinatal HIV initiating de novo antiretroviral therapy. Aids, 2020, 34, 737-748. | 1.0 | 12 |
| 11 | Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. Nature Communications, 2020, 11, 4796. | 5.8 | 61 |
| 12 | Hippocampal subfield microstructure abnormalities mediate associations between tau burden and memory performance. Alzheimer's and Dementia, 2020, 16, e039622. | 0.4 | 1 |
| 13 | Evaluating NODDI‐based biomarkers of Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e042297. | 0.4 | 3 |
| 14 | Comparison of deep learning methods for brain age prediction. Alzheimer's and Dementia, 2020, 16, e046763. | 0.4 | 1 |
| 15 | Multisite ENIGMA and PGC Consortium Findings From Multimodal Neuroimaging of Posttraumatic Stress Disorder (PTSD). Biological Psychiatry, 2020, 87, S25-S26. | 0.7 | 0 |
| 16 | Comparison of Deep Learning Methods for Brain Age Prediction. Biological Psychiatry, 2020, 87, S374-S375. | 0.7 | 2 |
| 17 | ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. Translational Psychiatry, 2020, 10, 100. | 2.4 | 365 |
| 18 | The genetic architecture of the human cerebral cortex. Science, 2020, 367, . | 6.0 | 450 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Deep transfer learning of brain shape morphometry predicts Body Mass Index (BMI) in the UK Biobank. , 2020, , . | | 0 |
| 20 | Altered Cortical Brain Structure and Increased Risk for Disease Seen Decades After Perinatal Exposure to Maternal Smoking: A Study of 9000 Adults in the UK Biobank. Cerebral Cortex, 2019, 29, 5217-5233. | 1.6 | 11 |
| 21 | 108. Hippocampal Subfield Volumes Relate to Unique Phenotypes of PTSD: International Analysis by the PGC-ENIGMA PTSD Working Group. Biological Psychiatry, 2019, 85, S45. | 0.7 | 1 |
| 22 | Adaptive Identification of Cortical and Subcortical Imaging Markers of Early Life Stress and Posttraumatic Stress Disorder. Journal of Neuroimaging, 2019, 29, 335-343. | 1.0 | 14 |
| 23 | Behavioral inhibition corresponds to white matter fiber bundle integrity in older adults. Brain Imaging and Behavior, 2019, 13, 1602-1611. | 1.1 | 1 |
| 24 | 111. Lower White Matter Integrity in PTSD: Results From the PGC-Enigma PTSD Working Group. Biological Psychiatry, 2019, 85, S46. | 0.7 | 0 |
| 25 | Vascular Cognitive Impairment. Clinical Handbooks in Neuropsychology, 2019, , 479-488. | 0.1 | 1 |
| 26 | White matter fiber bundle lengths are shorter in cART naive HIV: an analysis of quantitative diffusion tractography in South Africa. Brain Imaging and Behavior, 2018, 12, 1229-1238. | 1.1 | 7 |
| 27 | Uncovering Biologically Coherent Peripheral Signatures of Health and Risk for Alzheimer's Disease in the Aging Brain. Frontiers in Aging Neuroscience, 2018, 10, 390. | 1.7 | 39 |
| 28 | Cognitive reserve moderates the relationship between neuropsychological performance and white matter fiber bundle length in healthy older adults. Brain Imaging and Behavior, 2017, 11, 632-639. | 1.1 | 19 |
| 29 | Topological Organization of Whole-Brain White Matter in HIV Infection. Brain Connectivity, 2017, 7, 115-122. | 0.8 | 15 |
| 30 | Vulnerability of white matter tracts and cognition to the SOD2 polymorphism: A preliminary study of antioxidant defense genes in brain aging. Behavioural Brain Research, 2017, 329, 111-119. | 1.2 | 16 |
| 31 | Neuroimaging abnormalities in clade C HIV are independent of Tat genetic diversity. Journal of NeuroVirology, 2017, 23, 319-328. | 1.0 | 14 |
| 32 | Neuroimaging biomarkers of cognitive decline in healthy older adults via unified learning. , 2017, , . | | 3 |
| 33 | Reducing CSF Partial Volume Effects to Enhance Diffusion Tensor Imaging Metrics of Brain Microstructure. Technology and Innovation, 2016, 18, 5-20. | 0.2 | 24 |
| 34 | Neuromarkers of the common angiotensinogen polymorphism in healthy older adults: A comprehensive assessment of white matter integrity and cognition. Behavioural Brain Research, 2016, 296, 85-93. | 1.2 | 11 |
| 35 | Regional age differences in gray matter diffusivity among healthy older adults. Brain Imaging and Behavior, 2016, 10, 203-211. | 1.1 | 33 |
| 36 | Cognitive and Self-Reported Psychological Outcomes of Blast-Induced Mild Traumatic Brain Injury in Veterans: A Preliminary Study. Applied Neuropsychology Adult, 2015, 22, 79-87. | 0.7 | 18 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 37 | Posterior brain white matter abnormalities in older adults with probable mild cognitive impairment. Journal of Clinical and Experimental Neuropsychology, 2015, 37, 61-69. | 0.8 | 16 |
| 38 | Fiber bundle length and cognition: a length-based tractography MRI study. Brain Imaging and Behavior, 2015, 9, 765-775. | 1.1 | 20 |
| 39 | Genetic markers of cholesterol transport and gray matter diffusion: a preliminary study of the CETP I405V polymorphism. Journal of Neural Transmission, 2015, 122, 1581-1592. | 1.4 | 3 |
| 40 | Longitudinal Change in Performance on the Montreal Cognitive Assessment in Older Adults. Clinical Neuropsychologist, 2015, 29, 824-835. | 1.5 | 96 |
| 41 | Brain structure and cognitive correlates of body mass index in healthy older adults. Behavioural Brain Research, 2015, 278, 342-347. | 1.2 | 55 |
| 42 | Impact of the HIV Tat C30C31S dicysteine substitution on neuropsychological function in patients with clade C disease. Journal of NeuroVirology, 2014, 20, 627-635. | 1.0 | 38 |
| 43 | White matter changes with age utilizing quantitative diffusion MRI. Neurology, 2014, 83, 247-252. | 1.5 | 21 |
| 44 | Triallelic relationships between the serotonin transporter polymorphism and cognition among healthy older adults. International Journal of Neuroscience, 2014, 124, 331-338. | 0.8 | 3 |
| 45 | Oxidative stress and genetic markers of suboptimal antioxidant defense in the aging brain: a theoretical review. Reviews in the Neurosciences, 2014, 25, 805-19. | 1.4 | 89 |
| 46 | Impact of the AGTR1 A1166C polymorphism on subcortical hyperintensities and cognition in healthy older adults. Age, 2014, 36, 9664. | 3.0 | 9 |
| 47 | Impact of body mass index on neuronal fiber bundle lengths among healthy older adults. Brain Imaging and Behavior, 2013, 7, 300-306. | 1.1 | 30 |
| 48 | Neuronal fiber bundle lengths in healthy adult carriers of the ApoE4 allele: A quantitative tractography DTI study. Brain Imaging and Behavior, 2013, 7, 274-281. | 1.1 | 19 |