

# Lauren E Salminen

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,861  
citations

471061

17  
h-index

301761

39  
g-index

62  
all docs

62  
docs citations

62  
times ranked

4301  
citing authors

#	ARTICLE	IF	CITATIONS
1	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	6.0	450
2	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	2.4	365
3	Longitudinal Change in Performance on the Montreal Cognitive Assessment in Older Adults. <i>Clinical Neuropsychologist</i> , 2015, 29, 824-835.	1.5	96
4	Oxidative stress and genetic markers of suboptimal antioxidant defense in the aging brain: a theoretical review. <i>Reviews in the Neurosciences</i> , 2014, 25, 805-19.	1.4	89
5	Altered white matter microstructural organization in posttraumatic stress disorder across 3047 adults: results from the PGC-ENIGMA PTSD consortium. <i>Molecular Psychiatry</i> , 2021, 26, 4315-4330.	4.1	69
6	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	5.8	61
7	Interactive impact of childhood maltreatment, depression, and age on cortical brain structure: mega-analytic findings from a large multi-site cohort. <i>Psychological Medicine</i> , 2020, 50, 1020-1031.	2.7	59
8	Brain structure and cognitive correlates of body mass index in healthy older adults. <i>Behavioural Brain Research</i> , 2015, 278, 342-347.	1.2	55
9	Cortical volume abnormalities in posttraumatic stress disorder: an ENIGMA-psychiatric genomics consortium PTSD workgroup mega-analysis. <i>Molecular Psychiatry</i> , 2021, 26, 4331-4343.	4.1	52
10	In vivo hippocampal subfield volumes in bipolar disorderâ€”A megaâ€”analysis from The Enhancing Neuro Imaging Genetics through <sc>Metaâ€”Analysis</sc> Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2022, 43, 385-398.	1.9	41
11	Uncovering Biologically Coherent Peripheral Signatures of Health and Risk for Alzheimerâ€™s Disease in the Aging Brain. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 390.	1.7	39
12	Impact of the HIV Tat C30C31S dicysteine substitution on neuropsychological function in patients with clade C disease. <i>Journal of NeuroVirology</i> , 2014, 20, 627-635.	1.0	38
13	Regional age differences in gray matter diffusivity among healthy older adults. <i>Brain Imaging and Behavior</i> , 2016, 10, 203-211.	1.1	33
14	Impact of body mass index on neuronal fiber bundle lengths among healthy older adults. <i>Brain Imaging and Behavior</i> , 2013, 7, 300-306.	1.1	30
15	Sex is a defining feature of neuroimaging phenotypes in major brain disorders. <i>Human Brain Mapping</i> , 2022, 43, 500-542.	1.9	25
16	Assessment of brain age in posttraumatic stress disorder: Findings from the ENIGMA PTSD and brain age working groups. <i>Brain and Behavior</i> , 2022, 12, e2413.	1.0	25
17	Reducing CSF Partial Volume Effects to Enhance Diffusion Tensor Imaging Metrics of Brain Microstructure. <i>Technology and Innovation</i> , 2016, 18, 5-20.	0.2	24
18	White matter changes with age utilizing quantitative diffusion MRI. <i>Neurology</i> , 2014, 83, 247-252.	1.5	21

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19	Fiber bundle length and cognition: a length-based tractography MRI study. <i>Brain Imaging and Behavior</i> , 2015, 9, 765-775.	1.1	20
20	Neuronal fiber bundle lengths in healthy adult carriers of the ApoE4 allele: A quantitative tractography DTI study. <i>Brain Imaging and Behavior</i> , 2013, 7, 274-281.	1.1	19
21	Cognitive reserve moderates the relationship between neuropsychological performance and white matter fiber bundle length in healthy older adults. <i>Brain Imaging and Behavior</i> , 2017, 11, 632-639.	1.1	19
22	Cognitive and Self-Reported Psychological Outcomes of Blast-Induced Mild Traumatic Brain Injury in Veterans: A Preliminary Study. <i>Applied Neuropsychology Adult</i> , 2015, 22, 79-87.	0.7	18
23	Posterior brain white matter abnormalities in older adults with probable mild cognitive impairment. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2015, 37, 61-69.	0.8	16
24	Vulnerability of white matter tracts and cognition to the SOD2 polymorphism: A preliminary study of antioxidant defense genes in brain aging. <i>Behavioural Brain Research</i> , 2017, 329, 111-119.	1.2	16
25	Association of Immunosuppression and Viral Load With Subcortical Brain Volume in an International Sample of People Living With HIV. <i>JAMA Network Open</i> , 2021, 4, e2031190.	2.8	16
26	Topological Organization of Whole-Brain White Matter in HIV Infection. <i>Brain Connectivity</i> , 2017, 7, 115-122.	0.8	15
27	Neuroimaging abnormalities in clade C HIV are independent of Tat genetic diversity. <i>Journal of NeuroVirology</i> , 2017, 23, 319-328.	1.0	14
28	Adaptive Identification of Cortical and Subcortical Imaging Markers of Early Life Stress and Posttraumatic Stress Disorder. <i>Journal of Neuroimaging</i> , 2019, 29, 335-343.	1.0	14
29	Machine-learning classification of neurocognitive performance in children with perinatal HIV initiating de novo antiretroviral therapy. <i>Aids</i> , 2020, 34, 737-748.	1.0	12
30	Neuromarkers of the common angiotensinogen polymorphism in healthy older adults: A comprehensive assessment of white matter integrity and cognition. <i>Behavioural Brain Research</i> , 2016, 296, 85-93.	1.2	11
31	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. <i>Cerebral Cortex</i> , 2019, 29, 5217-5233.	1.6	11
32	Impact of the AGTR1 A1166C polymorphism on subcortical hyperintensities and cognition in healthy older adults. <i>Age</i> , 2014, 36, 9664.	3.0	9
33	White matter fiber bundle lengths are shorter in cART naive HIV: an analysis of quantitative diffusion tractography in South Africa. <i>Brain Imaging and Behavior</i> , 2018, 12, 1229-1238.	1.1	7
34	Triallelic relationships between the serotonin transporter polymorphism and cognition among healthy older adults. <i>International Journal of Neuroscience</i> , 2014, 124, 331-338.	0.8	3
35	Genetic markers of cholesterol transport and gray matter diffusion: a preliminary study of the CETP I405V polymorphism. <i>Journal of Neural Transmission</i> , 2015, 122, 1581-1592.	1.4	3
36	Neuroimaging biomarkers of cognitive decline in healthy older adults via unified learning. , 2017, , .		3

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37	Evaluating NODDI-based biomarkers of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e042297.	0.4	3
38	Comparison of Deep Learning Methods for Brain Age Prediction. <i>Biological Psychiatry</i> , 2020, 87, S374-S375.	0.7	2
39	Remodeling of the Cortical Structural Connectome in Posttraumatic Stress Disorder: Results From the ENIGMA-PGC Posttraumatic Stress Disorder Consortium. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 935-948.	1.1	2
40	108. Hippocampal Subfield Volumes Relate to Unique Phenotypes of PTSD: International Analysis by the PGC-ENIGMA PTSD Working Group. <i>Biological Psychiatry</i> , 2019, 85, S45.	0.7	1
41	Behavioral inhibition corresponds to white matter fiber bundle integrity in older adults. <i>Brain Imaging and Behavior</i> , 2019, 13, 1602-1611.	1.1	1
42	Hippocampal subfield microstructure abnormalities mediate associations between tau burden and memory performance. <i>Alzheimer's and Dementia</i> , 2020, 16, e039622.	0.4	1
43	Comparison of deep learning methods for brain age prediction. <i>Alzheimer's and Dementia</i> , 2020, 16, e046763.	0.4	1
44	Vascular Cognitive Impairment. <i>Clinical Handbooks in Neuropsychology</i> , 2019, , 479-488.	0.1	1
45	111. Lower White Matter Integrity in PTSD: Results From the PGC-Enigma PTSD Working Group. <i>Biological Psychiatry</i> , 2019, 85, S46.	0.7	0
46	Multisite ENIGMA and PGC Consortium Findings From Multimodal Neuroimaging of Posttraumatic Stress Disorder (PTSD). <i>Biological Psychiatry</i> , 2020, 87, S25-S26.	0.7	0
47	Deep transfer learning of brain shape morphometry predicts Body Mass Index (BMI) in the UK Biobank. , 2020, , .		0
48	Predicting Cognitive Impairment Using a Data-Driven Cortical Vulnerability Index. <i>Biological Psychiatry</i> , 2022, 91, S22.	0.7	0