

# Anna Zettergren

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

2,348  
citations

430874

18  
h-index

289244

40  
g-index

96  
all docs

96  
docs citations

96  
times ranked

3089  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain charts for the human lifespan. <i>Nature</i> , 2022, 604, 525-533.	27.8	518
2	A genome-wide association study with 1,126,563 individuals identifies new risk loci for Alzheimer's disease. <i>Nature Genetics</i> , 2021, 53, 1276-1282.	21.4	430
3	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. <i>Nature Communications</i> , 2021, 12, 3417.	12.8	140
4	The Gothenburg H70 Birth cohort study 2014-16: design, methods and study population. <i>European Journal of Epidemiology</i> , 2019, 34, 191-209.	5.7	89
5	A nonsynonymous mutation in PLCG2 reduces the risk of Alzheimer's disease, dementia with Lewy bodies and frontotemporal dementia, and increases the likelihood of longevity. <i>Acta Neuropathologica</i> , 2019, 138, 237-250.	7.7	87
6	Prevalence of preclinical Alzheimer disease. <i>Neurology</i> , 2018, 90, e1682-e1691.	1.1	82
7	Heritability and confirmation of genetic association studies for childhood asthma in twins. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016, 71, 230-238.	5.7	75
8	Antisocial behavior and polymorphisms in the oxytocin receptor gene: findings in two independent samples. <i>Molecular Psychiatry</i> , 2016, 21, 983-988.	7.9	66
9	Preclinical amyloid pathology biomarker positivity: effects on tau pathology and neurodegeneration. <i>Translational Psychiatry</i> , 2017, 7, e995-e995.	4.8	56
10	Association between polygenic risk score of Alzheimer's disease and plasma phosphorylated tau in individuals from the Alzheimer's Disease Neuroimaging Initiative. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 17.	6.2	35
11	Predicting Fazekas scores from automatic segmentations of white matter signal abnormalities. <i>Aging</i> , 2020, 12, 894-901.	3.1	32
12	Reproductive period and dementia: A 44-year longitudinal population study of Swedish women. <i>Alzheimer's and Dementia</i> , 2020, 16, 1153-1163.	0.8	31
13	Associations between polymorphisms in sex steroid related genes and autistic-like traits. <i>Psychoneuroendocrinology</i> , 2013, 38, 2575-2584.	2.7	29
14	Association study between autistic-like traits and polymorphisms in the autism candidate regions RELN, CNTNAP2, SHANK3, and CDH9/10. <i>Molecular Autism</i> , 2014, 5, 55.	4.9	28
15	Polygenic risk scores for Alzheimer's disease are related to dementia risk in APOE $\epsilon$ 4 negatives. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12142.	2.4	25
16	Socioeconomic status, gender and dementia: The influence of work environment exposures and their interactions with APOE $\epsilon$ 4. <i>SSM - Population Health</i> , 2018, 5, 171-179.	2.7	24
17	Oxytocin Receptors Regulate Social Preference in Zebrafish. <i>Scientific Reports</i> , 2020, 10, 5435.	3.3	24
18	Atrial Fibrillation, Stroke, and Silent Cerebrovascular Disease. <i>Neurology</i> , 2021, 97, e1608-e1619.	1.1	24

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19	Slowing gait speed precedes cognitive decline by several years. <i>Alzheimer's and Dementia</i> , 2022, 18, 1667-1676.	0.8	24
20	Trends in the incidence of dementia: design and methods in the Alzheimer Cohorts Consortium. <i>European Journal of Epidemiology</i> , 2017, 32, 931-938.	5.7	23
21	Atrial fibrillation increases the risk of dementia amongst older adults even in the absence of stroke. <i>Journal of Internal Medicine</i> , 2019, 286, 101-110.	6.0	23
22	Time trends in nutrient intake and dietary patterns among five birth cohorts of 70-year-olds examined 1971–2016: results from the Gothenburg H70 birth cohort studies, Sweden. <i>Nutrition Journal</i> , 2019, 18, 66.	3.4	20
23	Metabolic Syndrome Is Associated With Poor Cognition: A Population-Based Study of 70-Year-Old Adults Without Dementia. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 2275-2283.	3.6	20
24	Sex differences in dementia: on the potentially mediating effects of educational attainment and experiences of psychological distress. <i>BMC Psychiatry</i> , 2020, 20, 434.	2.6	19
25	Association between APOE Genotype and Change in Physical Function in a Population-Based Swedish Cohort of Older Individuals Followed Over Four Years. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 225.	3.4	18
26	Benign paroxysmal positional vertigo, dizziness, and health-related quality of life among older adults in a population-based setting. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 1637-1644.	1.6	18
27	A Non-APOE Polygenic Risk Score for Alzheimer's Disease Is Associated With Cerebrospinal Fluid Neurofilament Light in a Representative Sample of Cognitively Unimpaired 70-Year Olds. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 983-990.	3.6	18
28	S100B polymorphisms are associated with age of onset of Parkinson's disease. <i>BMC Medical Genetics</i> , 2018, 19, 42.	2.1	17
29	Dizziness and its association with walking speed and falls efficacy among older men and women in an urban population. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 1049-1056.	2.9	16
30	Social memory associated with estrogen receptor polymorphisms in women. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 877-883.	3.0	15
31	Epidemiology of suicidal feelings in an ageing Swedish population: from old to very old age in the Gothenburg H70 Birth Cohort Studies. <i>Epidemiology and Psychiatric Sciences</i> , 2020, 29, e26.	3.9	15
32	Interactions between dietary patterns and genetic factors in relation to incident dementia among 70-year-olds. <i>European Journal of Nutrition</i> , 2022, 61, 871-884.	3.9	15
33	Emotion recognition associated with polymorphism in oxytocinergic pathway gene ARNT2. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 173-181.	3.0	14
34	The ACE Gene Is Associated with Late-Life Major Depression and Age at Dementia Onset in a Population-Based Cohort. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 170-177.	1.2	13
35	Depression and neuroticism decrease among women but not among men between 1976 and 2016 in Swedish septuagenarians. <i>Acta Psychiatrica Scandinavica</i> , 2019, 139, 381-394.	4.5	13
36	Depression in relation to sex and gender expression among Swedish septuagenarians—Results from the H70 study. <i>PLoS ONE</i> , 2020, 15, e0238701.	2.5	13

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37	Deep learning from MRI-derived labels enables automatic brain tissue classification on human brain CT. <i>NeuroImage</i> , 2021, 244, 118606.	4.2	13
38	The protective gene dose effect of the <i>APOE</i> $\epsilon$ 2 allele on gray matter volume in cognitively unimpaired individuals. <i>Alzheimer's and Dementia</i> , 2022, 18, 1383-1395.	0.8	13
39	Low prevalence of known pathogenic mutations in dominant PD genes: A Swedish multicenter study. <i>Parkinsonism and Related Disorders</i> , 2019, 66, 158-165.	2.2	12
40	The impact of social networks and <i>APOE</i> $\epsilon$ 4 on dementia among older adults: tests of possible interactions. <i>Aging and Mental Health</i> , 2020, 24, 395-404.	2.8	12
41	Cardiovascular and all-cause mortality attributable to loneliness in older Swedish men and women. <i>BMC Geriatrics</i> , 2020, 20, 201.	2.7	12
42	A Western-style dietary pattern is associated with cerebrospinal fluid biomarker levels for preclinical Alzheimer's disease—A population-based cross-sectional study among 70-year-olds. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021, 7, e12183.	3.7	11
43	Plasma and CSF NfL are differentially associated with biomarker evidence of neurodegeneration in a community-based sample of 70-year-olds. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12295.	2.4	11
44	Genetic Variation in FOXO3 is Associated with Self-Rated Health in a Population-Based Sample of Older Individuals. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1453-1458.	3.6	10
45	Further investigations of the relation between polymorphisms in sex steroid related genes and autistic-like traits. <i>Psychoneuroendocrinology</i> , 2016, 68, 1-5.	2.7	9
46	Cross-sectional assessment of hearing acuity of an unscreened 85-year-old cohort - Including a 10-year longitudinal study of a sub-sample. <i>Hearing Research</i> , 2019, 382, 107797.	2.0	9
47	Sex differences in CSF biomarkers for neurodegeneration and blood-brain barrier integrity. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12141.	2.4	9
48	Association of CSF proteins with tau and amyloid $\beta$ 2 levels in asymptomatic 70-year-olds. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 54.	6.2	9
49	Comparison of Two-Dimensional- and Three-Dimensional-Based U-Net Architectures for Brain Tissue Classification in One-Dimensional Brain CT. <i>Frontiers in Computational Neuroscience</i> , 2021, 15, 785244.	2.1	9
50	Sex Difference in the Relation Between Marital Status and Dementia Risk in Two Population-Based Cohorts. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 1269-1279.	2.6	8
51	Association of IL1RAP-related genetic variation with cerebrospinal fluid concentration of Alzheimer-associated tau protein. <i>Scientific Reports</i> , 2019, 9, 2460.	3.3	7
52	Effects of amyloid pathology and the <i>APOE</i> $\epsilon$ 4 allele on the association between cerebrospinal fluid $A\beta$ 38 and $A\beta$ 40 and brain morphology in cognitively normal 70-years-olds. <i>Neurobiology of Aging</i> , 2021, 101, 1-12.	3.1	7
53	Longstanding psychological stress in relation to biomarkers of neuronal dysfunction in cerebrospinal fluid: a 25-year follow-up study in women. <i>Neurobiology of Aging</i> , 2019, 80, 111-115.	3.1	6
54	<i>APOE</i> $\epsilon$ 4 and the long arm of social inequity: estimated effects of socio-economic status and sex on the timing of dementia onset. <i>Ageing and Society</i> , 2019, 39, 1951-1975.	1.7	6

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55	Reproductive period and preclinical cerebrospinal fluid markers for Alzheimer disease: a 25-year study. <i>Menopause</i> , 2021, 28, 1099-1107.	2.0	6
56	Patterns of Alcohol Consumption and Associated Factors in a Population-Based Sample of 70-Year-Olds: Data from the Gothenburg H70 Birth Cohort Study 2014-16. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8248.	2.6	6
57	A genome-wide association study of plasma phosphorylated tau181. <i>Neurobiology of Aging</i> , 2021, 106, 304.e1-304.e3.	3.1	5
58	Association between polymorphisms in NOS3 and KCNH2 and social memory. <i>Frontiers in Neuroscience</i> , 2015, 9, 393.	2.8	4
59	Proteomic analyses of limbic regions in neonatal male, female and androgen receptor knockout mice. <i>BMC Neuroscience</i> , 2017, 18, 9.	1.9	4
60	Cognitive Performance and Cerebrospinal Fluid Markers in Preclinical Alzheimer's Disease: Results from the Gothenburg H70 Birth Cohort Studies. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 225-235.	2.6	4
61	Cerebrospinal Fluid Biomarkers, Brain Structural and Cognitive Performances Between Normotensive and Hypertensive Controlled, Uncontrolled and Untreated 70-Year-Old Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 777475.	3.4	4
62	Association between serum urate and CSF markers of Alzheimer's disease pathology in a population-based sample of 70-year-olds. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12241.	2.4	3
63	[P2-536]: THE PREVALENCE OF PRECLINICAL ALZHEIMER'S DISEASE IN A POPULATION STUDY OF 70-YEAR-OLDS. <i>Alzheimer's and Dementia</i> , 2017, 13, P848.	0.8	2
64	Dementia remains the major predictor of death among octogenarians. A study of two population cohorts of 85-year-olds examined 22 years apart. <i>European Journal of Epidemiology</i> , 2021, 36, 507-517.	5.7	2
65	Blood pressure at the age of 70 as a predictor of incident dementia: A 15-year longitudinal study. <i>Alzheimer's and Dementia</i> , 2020, 16, e045841.	0.8	1
66	[P2-524]: COGNITIVE FUNCTION A DECADE PRIOR TO THE ONSET OF DEMENTIA IN MEN AND WOMEN. <i>Alzheimer's and Dementia</i> , 2017, 13, P841.	0.8	0
67	[P1-150]: INVESTIGATION OF THE ASSOCIATION BETWEEN GENETIC VARIATION IN IL1RAP AND ALZHEIMER'S-RELATED CSF BIOMARKERS. <i>Alzheimer's and Dementia</i> , 2017, 13, P300.	0.8	0
68	P1-007: POOR SLEEP IS ASSOCIATED WITH CSF MARKERS OF ALZHEIMER'S DISEASE IN 70-YEAR-OLDS WITHOUT DEMENTIA. <i>Alzheimer's and Dementia</i> , 2018, 14, P265.	0.8	0
69	P1-618: TRENDS IN THE INCIDENCE OF DEMENTIA IN SWEDISH 85-YEAR-OLDS. <i>Alzheimer's and Dementia</i> , 2018, 14, P577.	0.8	0
70	Novel genetic effects on amyloid and tau protein levels in cerebrospinal fluid. <i>Alzheimer's and Dementia</i> , 2020, 16, e037973.	0.8	0
71	Sex differences in CSF biomarkers for neurodegeneration and blood-brain barrier integrity. <i>Alzheimer's and Dementia</i> , 2020, 16, e038588.	0.8	0
72	Associations of dietary patterns and CSF biomarkers for Alzheimer's disease in a population-based sample of 70-year-olds. <i>Alzheimer's and Dementia</i> , 2020, 16, e040800.	0.8	0

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73	A polygenic risk score for Alzheimer's disease determines the risk of incident dementia in APOE ε4 negative individuals over the age of 95: A population-based cohort study. Alzheimer's and Dementia, 2020, 16, e042452.	0.8	0
74	Association between polygenic risk score of Alzheimer's disease and CSF amyloid beta 42 in a cohort of 70-year-olds from the general population. Alzheimer's and Dementia, 2020, 16, e042616.	0.8	0
75	Atrial fibrillation and the interaction with stroke in relation to white matter lesion volumes: A population-based study in 70-year-olds. Alzheimer's and Dementia, 2020, 16, e043296.	0.8	0
76	CT-based brain segmentation and volumetry using deep learning methods. Alzheimer's and Dementia, 2020, 16, e045824.	0.8	0
77	Levels of amyloid β <sup>2</sup> in cerebrospinal fluid predicts cognition five years later: A population-based study of 70-year-olds. Alzheimer's and Dementia, 2020, 16, e045969.	0.8	0
78	Association of Single Nucleotide Polymorphisms Located in LOXL1 with Exfoliation Glaucoma in Southwestern Sweden. Genes, 2021, 12, 1384.	2.4	0
79	Interactions between dietary patterns and genetic factors in relation to incident dementia among 70-year-olds. Alzheimer's and Dementia, 2021, 17, .	0.8	0
80	The association of Alzheimer's disease and cerebrovascular disease biomarkers towards the neurodegeneration of the cholinergic pathways. Alzheimer's and Dementia, 2021, 17, .	0.8	0
81	Plasma and cerebrospinal fluid neurofilament light protein concentrations are differentially associated with biomarker evidence of neurodegeneration in a community-based population of 70-year-olds. Alzheimer's and Dementia, 2021, 17, .	0.8	0
82	Association of deep-learning-derived brain computed tomography measures with cognition and blood-based biomarkers of neurodegenerative diseases. Alzheimer's and Dementia, 2021, 17, .	0.8	0