

Edith Hofer

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

8,538
citations

126907

33
h-index

114465

63
g-index

68
all docs

68
docs citations

68
times ranked

16117
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β , tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019, 51, 414-430. | 21.4 | 1,962 |
| 2 | Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425. | 21.4 | 924 |
| 3 | A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972. | 21.4 | 549 |
| 4 | Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098. | 12.8 | 484 |
| 5 | The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679. | 27.8 | 353 |
| 6 | Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018, 103, 691-706. | 6.2 | 326 |
| 7 | Serum neurofilament light levels in normal aging and their association with morphologic brain changes. <i>Nature Communications</i> , 2020, 11, 812. | 12.8 | 316 |
| 8 | Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472. | 21.4 | 284 |
| 9 | Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019, 51, 1459-1474. | 21.4 | 251 |
| 10 | Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624. | 12.8 | 250 |
| 11 | Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582. | 14.8 | 213 |
| 12 | <i>KLB</i> is associated with alcohol drinking, and its gene product Klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14372-14377. | 7.1 | 208 |
| 13 | Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636. | 21.4 | 192 |
| 14 | Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462. | 27.8 | 173 |
| 15 | Serum neurofilament light is sensitive to active cerebral small vessel disease. <i>Neurology</i> , 2017, 89, 2108-2114. | 1.1 | 139 |
| 16 | R ² mapping for brain iron: associations with cognition in normal aging. <i>Neurobiology of Aging</i> , 2015, 36, 925-932. | 3.1 | 122 |
| 17 | CWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018, 9, 5141. | 12.8 | 119 |
| 18 | Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , 2017, 8, 910. | 12.8 | 118 |

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|----|---|------|-----------|
| 19 | Strategic white matter tracts for processing speed deficits in age-related small vessel disease. <i>Neurology</i> , 2014, 82, 1946-1950. | 1.1 | 116 |
| 20 | Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , 2015, 87, 1017-1029. | 5.2 | 113 |
| 21 | 1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , 2017, 7, 45040. | 3.3 | 98 |
| 22 | Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020, 11, 6285. | 12.8 | 89 |
| 23 | Validation of "laboratory"-supported criteria for functional (psychogenic) tremor. <i>Movement Disorders</i> , 2016, 31, 555-562. | 3.9 | 86 |
| 24 | Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957. | 12.8 | 84 |
| 25 | Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020, 51, 2111-2121. | 2.0 | 71 |
| 26 | Cross-sectional and Longitudinal Assessment of Brain Iron Level in Alzheimer Disease Using 3-T MRI. <i>Radiology</i> , 2020, 296, 619-626. | 7.3 | 71 |
| 27 | Cognitive Deficits and Related Brain Lesions in Patients With Chronic Heart Failure. <i>JACC: Heart Failure</i> , 2018, 6, 583-592. | 4.1 | 66 |
| 28 | Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796. | 12.8 | 61 |
| 29 | Determinants of iron accumulation in the normal aging brain. <i>Neurobiology of Aging</i> , 2016, 43, 149-155. | 3.1 | 59 |
| 30 | Fitness and cognition in the elderly. <i>Neurology</i> , 2016, 86, 418-424. | 1.1 | 58 |
| 31 | Genome-wide Trans-ethnic Meta-analysis Identifies Seven Genetic Loci Influencing Erythrocyte Traits and a Role for RBPMS in Erythropoiesis. <i>American Journal of Human Genetics</i> , 2017, 100, 51-63. | 6.2 | 45 |
| 32 | Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021, 99, 926-939. | 5.2 | 42 |
| 33 | Factors influencing serum neurofilament light chain levels in normal aging. <i>Aging</i> , 2021, 13, 25729-25738. | 3.1 | 38 |
| 34 | Association of variants in <i>HTRA1</i> and <i>NOTCH3</i> with MRI-defined extremes of cerebral small vessel disease in older subjects. <i>Brain</i> , 2019, 142, 1009-1023. | 7.6 | 37 |
| 35 | Magnetization Transfer Ratio Relates to Cognitive Impairment in Normal Elderly. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 263. | 3.4 | 34 |
| 36 | Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018, 9, 3945. | 12.8 | 31 |

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|----|---|-----|-----------|
| 37 | White Matter Lesion Progression. <i>Stroke</i> , 2015, 46, 3048-3057. | 2.0 | 27 |
| 38 | A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019, 2, 285. | 4.4 | 27 |
| 39 | White Matter Hyperintensities in Alzheimer's Disease: A Lesion Probability Mapping Study. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 789-796. | 2.6 | 27 |
| 40 | Predicting atrial fibrillation after cryptogenic stroke via a clinical risk score—a prospective observational study. <i>European Journal of Neurology</i> , 2022, 29, 149-157. | 3.3 | 19 |
| 41 | Nigral iron deposition in common tremor disorders. <i>Movement Disorders</i> , 2019, 34, 129-132. | 3.9 | 18 |
| 42 | Intracranial Pulsatility in Relation to Severity and Progression of Cerebral White Matter Hyperintensities. <i>Stroke</i> , 2020, 51, 3302-3309. | 2.0 | 17 |
| 43 | Personality Polygenes, Positive Affect, and Life Satisfaction. <i>Twin Research and Human Genetics</i> , 2016, 19, 407-417. | 0.6 | 16 |
| 44 | Global and Regional Development of the Human Cerebral Cortex: Molecular Architecture and Occupational Aptitudes. <i>Cerebral Cortex</i> , 2020, 30, 4121-4139. | 2.9 | 16 |
| 45 | Prediction of dementia using diffusion tensor MRI measures: the OPTIMAL collaboration. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 14-23. | 1.9 | 15 |
| 46 | Incidental findings of typical iNPH imaging signs in asymptomatic subjects with subclinical cognitive decline. <i>Fluids and Barriers of the CNS</i> , 2021, 18, 37. | 5.0 | 10 |
| 47 | Gray matter heritability in family-based and population-based studies using voxel-based morphometry. <i>Human Brain Mapping</i> , 2017, 38, 2408-2423. | 3.6 | 9 |
| 48 | Lower Magnetization Transfer Ratio in the Forceps Minor Is Associated with Poorer Gait Velocity in Older Adults. <i>American Journal of Neuroradiology</i> , 2017, 38, 500-506. | 2.4 | 9 |
| 49 | Circle of Willis variants are not associated with thrombectomy outcomes. <i>Stroke and Vascular Neurology</i> , 2021, 6, 310-313. | 3.3 | 8 |
| 50 | Association of vitamin D metabolites with cognitive function and brain atrophy in elderly individuals - the Austrian stroke prevention study. <i>Aging</i> , 2021, 13, 9455-9467. | 3.1 | 7 |
| 51 | Free water diffusion MRI and executive function with a speed component in healthy aging. <i>NeuroImage</i> , 2022, 257, 119303. | 4.2 | 7 |
| 52 | Hospital admissions of acute cerebrovascular diseases during and after the first wave of the COVID-19 pandemic: a state-wide experience from Austria. <i>Journal of Neurology</i> , 2021, 268, 3584-3588. | 3.6 | 6 |
| 53 | Gene-mapping study of extremes of cerebral small vessel disease reveals TRIM47 as a strong candidate. <i>Brain</i> , 2022, 145, 1992-2007. | 7.6 | 6 |
| 54 | Microstructural Tissue Changes in Alzheimer Disease Brains: Insights from Magnetization Transfer Imaging. <i>American Journal of Neuroradiology</i> , 2021, 42, 688-693. | 2.4 | 5 |

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|----|--|------|-----------|
| 55 | The impact of folate and vitamin B12 status on cognitive function and brain atrophy in healthy elderly and demented Austrians, a retrospective cohort study. <i>Aging</i> , 2020, 12, 15478-15491. | 3.1 | 5 |
| 56 | Serum NfL in Alzheimer Dementia: Results of the Prospective Dementia Registry Austria. <i>Medicina (Lithuania)</i> , 2022, 58, 433. | 2.0 | 5 |
| 57 | Association of low-frequency and rare coding variants with information processing speed. <i>Translational Psychiatry</i> , 2021, 11, 613. | 4.8 | 2 |
| 58 | Minor Structural Differences in the Cervical Spine Between Patients With Cervical Dystonia and Age-Matched Healthy Controls. <i>Frontiers in Neurology</i> , 2020, 11, 472. | 2.4 | 1 |
| 59 | The relationship between plasma free fatty acids, cognitive function and structural integrity of the brain in middle-aged healthy humans. <i>Aging</i> , 2021, 13, 22078-22091. | 3.1 | 1 |
| 60 | Genetic architecture of orbital telorism. <i>Human Molecular Genetics</i> , 2021, , . | 2.9 | 1 |
| 61 | Identifying novel genetic risk loci for lacunar stroke. <i>Lancet Neurology</i> , The, 2021, 20, 329-330. | 10.2 | 0 |
| 62 | Kidney function, brain morphology and cognition in the elderly: sex differences in the Austrian Stroke Prevention Study. <i>Aging</i> , 2022, 14, 240-252. | 3.1 | 0 |