Edith Hofer

List of Publications by Year
in descending order

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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	Predicting atrial fibrillation after cryptogenic stroke via a clinical risk scoreâ€"a prospective observational study. European Journal of Neurology, 2022, 29, 149-157.	3.3	19
2	Prediction of dementia using diffusion tensor MRI measures: the OPTIMAL collaboration. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 14-23.	1.9	15
3	Gene-mapping study of extremes of cerebral small vessel disease reveals TRIM47 as a strong candidate. Brain, 2022, 145, 1992-2007.	7.6	6
4	Kidney function, brain morphology and cognition in the elderly: sex differences in the Austrian Stroke Prevention Study. Aging, 2022, 14, 240-252.	3.1	0
5	Serum NfL in Alzheimer Dementia: Results of the Prospective Dementia Registry Austria. Medicina (Lithuania), 2022, 58, 433.	2.0	5
6	Free water diffusion MRI and executive function with a speed component in healthy aging. NeuroImage, 2022, 257, 119303.	4.2	7
7	Circle of Willis variants are not associated with thrombectomy outcomes. Stroke and Vascular Neurology, 2021, 6, 310-313.	3.3	8
8	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. Kidney International, 2021, 99, 926-939.	5.2	42
9	Microstructural Tissue Changes in Alzheimer Disease Brains: Insights from Magnetization Transfer Imaging. American Journal of Neuroradiology, 2021, 42, 688-693.	2.4	5
10	Hospital admissions of acute cerebrovascular diseases during and after the first wave of the COVID-19 pandemic: a state-wide experience from Austria. Journal of Neurology, 2021, 268, 3584-3588.	3.6	6
11	Association of vitamin D metabolites with cognitive function and brain atrophy in elderly individuals - the Austrian stroke prevention study. Aging, 2021, 13, 9455-9467.	3.1	7
12	Identifying novel genetic risk loci for lacunar stroke. Lancet Neurology, The, 2021, 20, 329-330.	10.2	0
13	Incidental findings of typical iNPH imaging signs in asymptomatic subjects with subclinical cognitive decline. Fluids and Barriers of the CNS, 2021, 18, 37.	5.0	10
14	The relationship between plasma free fatty acids, cognitive function and structural integrity of the brain in middle-aged healthy humans. Aging, 2021, 13, 22078-22091.	3.1	1
15	Genetic architecture of orbital telorism. Human Molecular Genetics, 2021, , .	2.9	1
16	Association of low-frequency and rare coding variants with information processing speed. Translational Psychiatry, 2021, 11, 613.	4.8	2
17	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
18	Factors influencing serum neurofilament light chain levels in normal aging. Aging, 2021, 13, 25729-25738.	3.1	38

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19	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. Nature Communications, 2020, 11, 4796.	12.8	61
20	Intracranial Pulsatility in Relation to Severity and Progression of Cerebral White Matter Hyperintensities. Stroke, 2020, 51, 3302-3309.	2.0	17
21	Cerebral small vessel disease genomics and its implications across the lifespan. Nature Communications, 2020, 11, 6285.	12.8	89
22	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. Stroke, 2020, 51, 2111-2121.	2.0	71
23	Minor Structural Differences in the Cervical Spine Between Patients With Cervical Dystonia and Age-Matched Healthy Controls. Frontiers in Neurology, 2020, 11, 472.	2.4	1
24	Global and Regional Development of the Human Cerebral Cortex: Molecular Architecture and Occupational Aptitudes. Cerebral Cortex, 2020, 30, 4121-4139.	2.9	16
25	Cross-sectional and Longitudinal Assessment of Brain Iron Level in Alzheimer Disease Using 3-T MRI. Radiology, 2020, 296, 619-626.	7.3	71
26	Serum neurofilament light levels in normal aging and their association with morphologic brain changes. Nature Communications, 2020, 11, 812.	12.8	316
27	The impact of folate and vitamin B12 status on cognitive function and brain atrophy in healthy elderly and demented Austrians, a retrospective cohort study. Aging, 2020, 12, 15478-15491.	3.1	5
28	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. Communications Biology, 2019, 2, 285.	4.4	27
29	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	12.8	84
30	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. Nature Genetics, 2019, 51, 1459-1474.	21.4	251
31	A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972.	21.4	549
32	Association of variants inHTRA1andNOTCH3with MRI-defined extremes of cerebral small vessel disease in older subjects. Brain, 2019, 142, 1009-1023.	7.6	37
33	White Matter Hyperintensities in Alzheimerâ€™s Disease: A Lesion Probability Mapping Study. Journal of Alzheimer's Disease, 2019, 68, 789-796.	2.6	27
34	Genetic meta-analysis of diagnosed Alzheimerâ€™s disease identifies new risk loci and implicates AÎ², tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430.	21.4	1,962
35	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
36	Nigral iron deposition in common tremor disorders. Movement Disorders, 2019, 34, 129-132.	3.9	18

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37	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. Nature Communications, 2018, 9, 5141.	12.8	119
38	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. Nature Communications, 2018, 9, 3945.	12.8	31
39	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	6.2	326
40	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425.	21.4	924
41	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098.	12.8	484
42	Cognitive Deficits and Related BrainÂLesions in Patients With ChronicÂHeart Failure. JACC: Heart Failure, 2018, 6, 583-592.	4.1	66
43	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
44	Gray matter heritability in familyâ€based and populationâ€based studies using voxelâ€based morphometry. Human Brain Mapping, 2017, 38, 2408-2423.	3.6	9
45	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. Scientific Reports, 2017, 7, 45040.	3.3	98
46	Genome-wide Trans-ethnic Meta-analysis Identifies Seven Genetic Loci Influencing Erythrocyte Traits and a Role for RBPMS in Erythropoiesis. American Journal of Human Genetics, 2017, 100, 51-63.	6.2	45
47	Lower Magnetization Transfer Ratio in the Forceps Minor Is Associated with Poorer Gait Velocity in Older Adults. American Journal of Neuroradiology, 2017, 38, 500-506.	2.4	9
48	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. Nature Communications, 2017, 8, 910.	12.8	118
49	Serum neurofilament light is sensitive to active cerebral small vessel disease. Neurology, 2017, 89, 2108-2114.	1.1	139
50	Validation of â€œlaboratoryâ€supportedâ€•criteria for functional (psychogenic) tremor. Movement Disorders, 2016, 31, 555-562.	3.9	86
51	Personality Polygenes, Positive Affect, and Life Satisfaction. Twin Research and Human Genetics, 2016, 19, 407-417.	0.6	16
52	Determinants of iron accumulation in the normal aging brain. Neurobiology of Aging, 2016, 43, 149-155.	3.1	59
53	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
54	KLB is associated with alcohol drinking, and its gene product Î²-Klotho is necessary for FGF21 regulation of alcohol preference. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14372-14377.	7.1	208

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55	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. Nature Genetics, 2016, 48, 1462-1472.	21.4	284
56	Fitness and cognition in the elderly. Neurology, 2016, 86, 418-424.	1.1	58
57	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	27.8	173
58	White Matter Lesion Progression. Stroke, 2015, 46, 3048-3057.	2.0	27
59	Genome-wide association study of kidney function decline in individuals of European descent. Kidney International, 2015, 87, 1017-1029.	5.2	113
60	R2* mapping for brain iron: associations with cognition in normal aging. Neurobiology of Aging, 2015, 36, 925-932.	3.1	122
61	Magnetization Transfer Ratio Relates to Cognitive Impairment in Normal Elderly. Frontiers in Aging Neuroscience, 2014, 6, 263.	3.4	34
62	Strategic white matter tracts for processing speed deficits in age-related small vessel disease. Neurology, 2014, 82, 1946-1950.	1.1	116