

Michael A Hauser

List of Publications by Year in descending order

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89
papers

7,208
citations

109321

35
h-index

69250

77
g-index

93
all docs

93
docs citations

93
times ranked

10300
citing authors

#	ARTICLE	IF	CITATIONS
1	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. <i>Nature Genetics</i> , 2016, 48, 134-143.	21.4	1,167
2	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
3	Largest GWAS of PTSD (N=20,070) yields genetic overlap with schizophrenia and sex differences in heritability. <i>Molecular Psychiatry</i> , 2018, 23, 666-673.	7.9	374
4	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. <i>Nature Communications</i> , 2019, 10, 4558.	12.8	363
5	Common Variants at 9p21 and 8q22 Are Associated with Increased Susceptibility to Optic Nerve Degeneration in Glaucoma. <i>PLoS Genetics</i> , 2012, 8, e1002654.	3.5	276
6	Myotilin is mutated in limb girdle muscular dystrophy 1A. <i>Human Molecular Genetics</i> , 2000, 9, 2141-2147.	2.9	255
7	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. <i>Nature Genetics</i> , 2014, 46, 1126-1130.	21.4	212
8	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. <i>Nature Genetics</i> , 2016, 48, 189-194.	21.4	211
9	Genome-wide association analyses identify three new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , 2012, 44, 1142-1146.	21.4	196
10	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. <i>Nature Communications</i> , 2021, 12, 1258.	12.8	196
11	Traumatic stress and accelerated DNA methylation age: A meta-analysis. <i>Psychoneuroendocrinology</i> , 2018, 92, 123-134.	2.7	190
12	Common variants near ABCA1, AFAP1 and GMDS confer risk of primary open-angle glaucoma. <i>Nature Genetics</i> , 2014, 46, 1120-1125.	21.4	186
13	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , 2016, 48, 556-562.	21.4	147
14	Expression Profiling of Substantia Nigra in Parkinson Disease, Progressive Supranuclear Palsy, and Frontotemporal Dementia With Parkinsonism. <i>Archives of Neurology</i> , 2005, 62, 917-21.	4.5	146
15	Distribution of WDR36 DNA Sequence Variants in Patients with Primary Open-Angle Glaucoma. , 2006, 47, 2542.		114
16	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. <i>Nature Genetics</i> , 2017, 49, 993-1004.	21.4	114
17	Dissecting the Shared Genetic Architecture of Suicide Attempt, Psychiatric Disorders, and Known Risk Factors. <i>Biological Psychiatry</i> , 2022, 91, 313-327.	1.3	114
18	A common variant near TGFBR3 is associated with primary open angle glaucoma. <i>Human Molecular Genetics</i> , 2015, 24, 3880-3892.	2.9	105

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19	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. <i>Nature Genetics</i> , 2015, 47, 387-392.	21.4	97
20	Major review: Exfoliation syndrome; advances in disease genetics, molecular biology, and epidemiology. <i>Experimental Eye Research</i> , 2017, 154, 88-103.	2.6	97
21	Association of CAV1/CAV2 Genomic Variants with Primary Open-Angle Glaucoma Overall and by Gender and Pattern of Visual Field Loss. <i>Ophthalmology</i> , 2014, 121, 508-516.	5.2	91
22	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. <i>Nature Communications</i> , 2014, 5, 4883.	12.8	89
23	Major LOXL1 risk allele is reversed in exfoliation glaucoma in a black South African population. <i>Molecular Vision</i> , 2010, 16, 705-12.	1.1	86
24	Epigenome-wide meta-analysis of PTSD across 10 military and civilian cohorts identifies methylation changes in AHRH. <i>Nature Communications</i> , 2020, 11, 5965.	12.8	84
25	Genome-wide association study of posttraumatic stress disorder in a cohort of Iraq/Afghanistan era veterans. <i>Journal of Affective Disorders</i> , 2015, 184, 225-234.	4.1	81
26	Discovery and Functional Annotation of SIX6 Variants in Primary Open-Angle Glaucoma. <i>PLoS Genetics</i> , 2014, 10, e1004372.	3.5	78
27	Genetic variants and cellular stressors associated with exfoliation syndrome modulate promoter activity of a lncRNA within the <i>LOXL1</i> locus. <i>Human Molecular Genetics</i> , 2015, 24, 6552-6563.	2.9	76
28	Defining the Human Macula Transcriptome and Candidate Retinal Disease Genes Using EyeSAGE. , 2006, 47, 2305.		73
29	ABCC5, a Gene That Influences the Anterior Chamber Depth, Is Associated with Primary Angle Closure Glaucoma. <i>PLoS Genetics</i> , 2014, 10, e1004089.	3.5	68
30	An epigenome-wide association study of posttraumatic stress disorder in US veterans implicates several new DNA methylation loci. <i>Clinical Epigenetics</i> , 2020, 12, 46.	4.1	64
31	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
32	Update on the genetics of primary open-angle glaucoma. <i>Experimental Eye Research</i> , 2019, 188, 107795.	2.6	59
33	Serotonin transporter gene polymorphisms and brain function during emotional distraction from cognitive processing in posttraumatic stress disorder. <i>BMC Psychiatry</i> , 2011, 11, 76.	2.6	53
34	Association of Genetic Variants With Primary Open-Angle Glaucoma Among Individuals With African Ancestry. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1682.	7.4	50
35	Modeling Glaucoma: Retinal Ganglion Cells Generated from Induced Pluripotent Stem Cells of Patients with SIX6 Risk Allele Show Developmental Abnormalities. <i>Stem Cells</i> , 2017, 35, 2239-2252.	3.2	49
36	Genomic Approaches to Posttraumatic Stress Disorder: The Psychiatric Genomic Consortium Initiative. <i>Biological Psychiatry</i> , 2018, 83, 831-839.	1.3	47

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37	miRNA Profile in Three Different Normal Human Ocular Tissues by miRNA-Seq. , 2016, 57, 3731.		46
38	Differential Expression of Coding and Long Noncoding RNAs in Keratoconus-Affected Corneas. , 2018, 59, 2717.		45
39	Assessing the Association of Mitochondrial Genetic Variation With Primary Open-Angle Glaucoma Using Gene-Set Analyses. , 2016, 57, 5046.		44
40	A Common Variant in <i>MIR182</i> Is Associated With Primary Open-Angle Glaucoma in the NEIGHBORHOOD Consortium. , 2016, 57, 4528.		42
41	A genome-wide association study of suicide attempts and suicidal ideation in U.S. military veterans. Psychiatry Research, 2018, 269, 64-69.	3.3	41
42	Transcriptome analysis of adult and fetal trabecular meshwork, cornea, and ciliary body tissues by RNA sequencing. Experimental Eye Research, 2018, 167, 91-99.	2.6	40
43	Genome-wide association study of primary open-angle glaucoma in continental and admixed African populations. Human Genetics, 2018, 137, 847-862.	3.8	40
44	Epistatic Gene-Based Interaction Analyses for Glaucoma in eMERGE and NEIGHBOR Consortium. PLoS Genetics, 2016, 12, e1006186.	3.5	38
45	Association of Common SIX6 Polymorphisms With Peripapillary Retinal Nerve Fiber Layer Thickness: The Singapore Chinese Eye Study. Investigative Ophthalmology and Visual Science, 2015, 56, 478-483.	3.3	35
46	A genome-wide association study of suicide attempts in the million veterans program identifies evidence of pan-ancestry and ancestry-specific risk loci. Molecular Psychiatry, 2022, 27, 2264-2272.	7.9	35
47	Screening of the Seed Region of <i>MIR184</i> in Keratoconus Patients from Saudi Arabia. BioMed Research International, 2015, 2015, 1-7.	1.9	32
48	Association of a Primary Open-Angle Glaucoma Genetic Risk Score With Earlier Age at Diagnosis. JAMA Ophthalmology, 2019, 137, 1190.	2.5	32
49	Molecular genetic overlap between posttraumatic stress disorder and sleep phenotypes. Sleep, 2020, 43, .	1.1	32
50	Genomic locus modulating corneal thickness in the mouse identifies POU6F2 as a potential risk of developing glaucoma. PLoS Genetics, 2018, 14, e1007145.	3.5	31
51	NEIBank: genomics and bioinformatics resources for vision research. Molecular Vision, 2008, 14, 1327-37.	1.1	30
52	An Examination of the Association between 5-HTTLPR, Combat Exposure, and PTSD Diagnosis among U.S. Veterans. PLoS ONE, 2015, 10, e0119998.	2.5	29
53	Expression Profiling of Human Schlemm's Canal Endothelial Cells From Eyes With and Without Glaucoma. , 2015, 56, 6747.		28
54	DNA Copy Number Variants of Known Glaucoma Genes in Relation to Primary Open-Angle Glaucoma. Investigative Ophthalmology and Visual Science, 2014, 55, 8251-8258.	3.3	27

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55	No association between RORA polymorphisms and PTSD in two independent samples. <i>Molecular Psychiatry</i> , 2014, 19, 1056-1057.	7.9	22
56	EFFECT OF THE APOE ϵ 4 ALLELE AND COMBAT EXPOSURE ON PTSD AMONG IRAQ/AFGHANISTAN-ERA VETERANS. <i>Depression and Anxiety</i> , 2015, 32, 307-315.	4.1	21
57	Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information. <i>Biological Psychiatry</i> , 2022, 91, 626-636.	1.3	21
58	Osteogenesis imperfecta and primary open angle glaucoma: genotypic analysis of a new phenotypic association. <i>Molecular Vision</i> , 2014, 20, 1174-81.	1.1	21
59	Case-control association between CCT-associated variants and keratoconus in a Saudi Arabian population. <i>Journal of Negative Results in BioMedicine</i> , 2015, 14, 10.	1.4	20
60	Integral role for lysyl oxidase-like 1 in conventional outflow tissue function and behavior. <i>FASEB Journal</i> , 2020, 34, 10762-10777.	0.5	20
61	Serial analysis of gene expression (SAGE) in normal human trabecular meshwork. <i>Molecular Vision</i> , 2011, 17, 885-93.	1.1	19
62	Genetic correlations between intraocular pressure, blood pressure and primary open-angle glaucoma: a multi-cohort analysis. <i>European Journal of Human Genetics</i> , 2017, 25, 1261-1267.	2.8	18
63	Association of Rare <i>CYP39A1</i> Variants With Exfoliation Syndrome Involving the Anterior Chamber of the Eye. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 753.	7.4	16
64	Genome-wide association study of subcortical brain volume in PTSD cases and trauma-exposed controls. <i>Translational Psychiatry</i> , 2017, 7, 1265.	4.8	15
65	Vascular tone pathway polymorphisms in relation to primary open-angle glaucoma. <i>Eye</i> , 2014, 28, 662-671.	2.1	14
66	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets. , 2018, 59, 629.		14
67	lncRNAs, DNA Methylation, and the Pathobiology of Exfoliation Glaucoma. <i>Journal of Glaucoma</i> , 2018, 27, 202-209.	1.6	13
68	A Common Glaucoma-risk Variant of SIX6 Alters Retinal Nerve Fiber Layer and Optic Disc Measures in a European Population: The EPIC-Norfolk Eye Study. <i>Journal of Glaucoma</i> , 2018, 27, 743-749.	1.6	13
69	Spink2 Modulates Apoptotic Susceptibility and Is a Candidate Gene in the Rgcs1 QTL That Affects Retinal Ganglion Cell Death after Optic Nerve Damage. <i>PLoS ONE</i> , 2014, 9, e93564.	2.5	13
70	Association of Variant rs4790904 in Protein Kinase C Alpha with Posttraumatic Stress Disorder in a U.S. Caucasian and African-American Veteran Sample. <i>Journal of Depression & Anxiety</i> , 2013, 02, S4001.	0.1	13
71	Genetic screen of African Americans with Fuchs endothelial corneal dystrophy. <i>Molecular Vision</i> , 2013, 19, 2508-16.	1.1	13
72	Mitochondrial Polymorphism A10398G and Haplogroup I Are Associated With Fuchs' Endothelial Corneal Dystrophy. , 2014, 55, 4577.		12

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73	Genetic Correlations Between Diabetes and Glaucoma: An Analysis of Continuous and Dichotomous Phenotypes. <i>American Journal of Ophthalmology</i> , 2019, 206, 245-255.	3.3	12
74	Gene Expression Analysis in Three Posttraumatic Stress Disorder Cohorts Implicates Inflammation and Innate Immunity Pathways and Uncovers Shared Genetic Risk With Major Depressive Disorder. <i>Frontiers in Neuroscience</i> , 2021, 15, 678548.	2.8	12
75	RNAi-mediated Gene Silencing of Mutant Myotilin Improves Myopathy in LGMD1A Mice. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e160.	5.1	11
76	Examining Individual and Synergistic Contributions of PTSD and Genetics to Blood Pressure: A Trans-Ethnic Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2021, 15, 678503.	2.8	10
77	A Novel Mutation in the Gene Encoding Noggin is Not Causative in Human Neural Tube Defects. <i>Journal of Neurogenetics</i> , 2002, 16, 65-71.	1.4	10
78	A Novel Mutation in the Gene Encoding Noggin is Not Causative in Human Neural Tube Defects. <i>Journal of Neurogenetics</i> , 2002, 16, 65-71.	1.4	9
79	Genetic predictors of hippocampal subfield volume in PTSD cases and trauma-exposed controls. <i>HÅrge Utbildning</i> , 2020, 11, 1785994.	3.0	8
80	Identification and activity of the functional complex between hnRNPL and the pseudoexfoliation syndrome-associated lncRNA, LOXL1-AS1. <i>Human Molecular Genetics</i> , 2020, 29, 1986-1995.	2.9	8
81	Effect of genetic variation in the nicotinic receptor genes on risk for posttraumatic stress disorder. <i>Psychiatry Research</i> , 2015, 229, 326-331.	3.3	6
82	Addressing ethical challenges in the Genetics Substudy of the National Eye Survey of Trinidad and Tobago (GSNESTT). <i>Applied & Translational Genomics</i> , 2016, 9, 6-14.	2.1	6
83	Identification of Estrogen Signaling in a Prioritization Study of Intraocular Pressure-Associated Genes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10288.	4.1	6
84	Further evidence for a role of the ADRB2 gene in risk for posttraumatic stress disorder. <i>Journal of Psychiatric Research</i> , 2017, 84, 59-61.	3.1	5
85	Polygenic risk scores for CARDINAL study. <i>Nature Genetics</i> , 2022, 54, 527-530.	21.4	5
86	Lack of association between lysyl oxidase-like 1 polymorphisms and primary open angle glaucoma: a meta-analysis. <i>International Journal of Ophthalmology</i> , 2014, 7, 550-6.	1.1	4
87	Eyes of Africa: The Genetics of Blindness: Study Design and Methodology. <i>BMC Ophthalmology</i> , 2021, 21, 272.	1.4	2
88	Differential DNA methylation patterns in human Schlemm's canal endothelial cells with glaucoma. <i>Molecular Vision</i> , 2020, 26, 483-493.	1.1	2
89	Data Analysis Issues in Expression Profiling. , 0, , 193-217.		0