R Rand Allingham

List of Publications by Year
in descending order

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Version: 2024-02-01

101 papers	5,935 citations	101543 36 h-index	88630 70 g-index
104 all docs	104 docs citations	104 times ranked	4736 citing authors

#	Article	IF	Citations
1	Age-dependent regional retinal nerve fibre changes in SIX1/SIX6 polymorphism. Scientific Reports, 2020, 10, 12485.	3.3	1
2	Identification and activity of the functional complex between hnRNPL and the pseudoexfoliation syndrome-associated lncRNA, LOXL1-AS1. Human Molecular Genetics, 2020, 29, 1986-1995.	2.9	8
3	Association of Genetic Variants With Primary Open-Angle Glaucoma Among Individuals With African Ancestry. JAMA - Journal of the American Medical Association, 2019, 322, 1682.	7.4	50
4	Association between Chronic Obstructive Pulmonary Disease and Exfoliation Syndrome. Ophthalmology Glaucoma, 2019, 2, 3-10.	1.9	12
5	Gray Optic Disc Crescent. Ophthalmology Glaucoma, 2019, 2, 120-125.	1.9	1
6	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. Human Molecular Genetics, 2018, 27, 1486-1496.	2.9	111
7	The influence of oral statin medications on progression of glaucomatous visual field loss: A propensity score analysis. Ophthalmic Epidemiology, 2018, 25, 207-214.	1.7	12
8	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
9	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. Journal of Glaucoma, 2018, 27, 743-749.	1.6	13
10	Genome-wide association study of primary open-angle glaucoma in continental and admixed African populations. Human Genetics, 2018, 137, 847-862.	3.8	40
11	Association of Exfoliation Syndrome With Risk of Indirect Inguinal Hernia. JAMA Ophthalmology, 2018, 136, 1368.	2.5	18
12	Differential Expression of Coding and Long Noncoding RNAs in Keratoconus-Affected Corneas. , 2018, 59, 2717.		45
13	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets. , 2018, 59, 629.		14
14	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
15	Major review: Molecular genetics of primary open-angle glaucoma. Experimental Eye Research, 2017, 160, 62-84.	2.6	112
16	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. Nature Genetics, 2017, 49, 993-1004.	21.4	114
17	Genetic correlations between intraocular pressure, blood pressure and primary open-angle glaucoma: a multi-cohort analysis. European Journal of Human Genetics, 2017, 25, 1261-1267.	2.8	18
18	Age at natural menopause genetic risk score in relation to age at natural menopause and primary open-angle glaucoma in a US-based sample. Menopause, 2017, 24, 150-156.	2.0	6

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19	Modeling Glaucoma: Retinal Ganglion Cells Generated from Induced Pluripotent Stem Cells of Patients with SIX6 Risk Allele Show Developmental Abnormalities. Stem Cells, 2017, 35, 2239-2252.	3.2	49
20	Major review: Exfoliation syndrome; advances in disease genetics, molecular biology, and epidemiology. Experimental Eye Research, 2017, 154, 88-103.	2.6	97
21	The Relationship of Vogtâ€“Koyanagiâ€“Harada Syndrome to Ocular Hypertension and Glaucoma. Ocular Immunology and Inflammation, 2017, 25, 748-752.	1.8	8
22	VEGF as a Paracrine Regulator of Conventional Outflow Facility. , 2017, 58, 1899.		39
23	Intravitreal Anti-VEGF Injections Reduce Aqueous Outflow Facility in Patients With Neovascular Age-Related Macular Degeneration. , 2017, 58, 1893.		43
24	miRNA Profile in Three Different Normal Human Ocular Tissues by miRNA-Seq. , 2016, 57, 3731.		46
25	A Common Variant in MIR182 Is Associated With Primary Open-Angle Glaucoma in the NEIGHBORHOOD Consortium. , 2016, 57, 4528.		42
26	Assessing the Association of Mitochondrial Genetic Variation With Primary Open-Angle Glaucoma Using Gene-Set Analyses. , 2016, 57, 5046.		44
27	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2016, 48, 556-562.	21.4	147
28	Risk for Exfoliation Syndrome in Women With Pelvic Organ Prolapse. JAMA Ophthalmology, 2016, 134, 1255.	2.5	36
29	Spectrum and Clinical Course of Visual Field Abnormalities in Ethambutol Toxicity. Neuro-Ophthalmology, 2016, 40, 139-145.	1.0	5
30	Addressing ethical challenges in the Genetics Substudy of the National Eye Survey of Trinidad and Tobago (GSNESTT). Applied & Translational Genomics, 2016, 9, 6-14.	2.1	6
31	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. Nature Genetics, 2016, 48, 189-194.	21.4	211
32	Eye Care Professionalsâ€™ Perspectives on Eye Donation and an Eye Donation Registry for Research: A Single-Institution, Cross-Sectional Study. Current Eye Research, 2016, 41, 867-871.	1.5	7
33	System for Rapid, Precise Modulation of Intraocular Pressure, toward Minimally-Invasive In Vivo Measurement of Intracranial Pressure. PLoS ONE, 2016, 11, e0147020.	2.5	23
34	The Genetics of POAG in Black South Africans: A Candidate Gene Association Study. Scientific Reports, 2015, 5, 8378.	3.3	33
35	Case-control association between CCT-associated variants and keratoconus in a Saudi Arabian population. Journal of Negative Results in BioMedicine, 2015, 14, 10.	1.4	20
36	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

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37	Screening of the Seed Region ofMIR184in Keratoconus Patients from Saudi Arabia. BioMed Research International, 2015, 2015, 1-7.	1.9	32
38	Potential Effect of the Presence of Gray Crescent on Analysis of Optic Disc and Retinal Nerve Fiber Layer Defects. JAMA Ophthalmology, 2015, 133, 617.	2.5	1
39	A common variant near TGFBR3 is associated with primary open angle glaucoma. Human Molecular Genetics, 2015, 24, 3880-3892.	2.9	105
40	Genetics of Glaucoma. , 2015, , 291-299.		0
41	Exfoliation Syndrome and Exfoliative Glaucoma. , 2015, , 357-365.		1
42	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. Nature Genetics, 2015, 47, 387-392.	21.4	97
43	Genetic variants and cellular stressors associated with exfoliation syndrome modulate promoter activity of a lncRNA within theLOXL1locus. Human Molecular Genetics, 2015, 24, 6552-6563.	2.9	76
44	Mitochondrial Polymorphism A10398G and Haplogroup I Are Associated With Fuchs' Endothelial Corneal Dystrophy. , 2014, 55, 4577.		12
45	Discovery and Functional Annotation of SIX6 Variants in Primary Open-Angle Glaucoma. PLoS Genetics, 2014, 10, e1004372.	3.5	78
46	ABCC5, a Gene That Influences the Anterior Chamber Depth, Is Associated with Primary Angle Closure Glaucoma. PLoS Genetics, 2014, 10, e1004089.	3.5	68
47	Africanâ€American TOMM40'523â€APOE haplotypes are admixture of West African and Caucasian alleles. Alzheimer's and Dementia, 2014, 10, 592.	0.8	32
48	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
49	Systemic Diseases Associated With Exfoliation Syndrome. International Ophthalmology Clinics, 2014, 54, 15-28.	0.7	11
50	Genetics of Exfoliation Syndrome and Glaucoma. International Ophthalmology Clinics, 2014, 54, 43-56.	0.7	25
51	Developments in Ocular Genetics. Asia-Pacific Journal of Ophthalmology, 2014, 3, 181-193.	2.5	7
52	Genome-wide association study and meta-analysis of intraocular pressure. Human Genetics, 2014, 133, 41-57.	3.8	93
53	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. Nature Genetics, 2014, 46, 1126-1130.	21.4	212
54	Hypothesis-independent pathway analysis implicates GABA and Acetyl-CoA metabolism in primary open-angle glaucoma and normal-pressure glaucoma. Human Genetics, 2014, 133, 1319-1330.	3.8	32

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55	Association of CAV1/CAV2 Genomic Variants with Primary Open-Angle Glaucoma Overall and by Gender and Pattern of Visual Field Loss. Ophthalmology, 2014, 121, 508-516.	5.2	91
56	Spink2 Modulates Apoptotic Susceptibility and Is a Candidate Gene in the Rgcs1 QTL That Affects Retinal Ganglion Cell Death after Optic Nerve Damage. PLoS ONE, 2014, 9, e93564.	2.5	13
57	Lack of association between lysyl oxidase-like 1 polymorphisms and primary open angle glaucoma: a meta-analysis. International Journal of Ophthalmology, 2014, 7, 550-6.	1.1	4
58	Osteogenesis imperfecta and primary open angle glaucoma: genotypic analysis of a new phenotypic association. Molecular Vision, 2014, 20, 1174-81.	1.1	21
59	The role of cerebrospinal fluid pressure in glaucoma and other ophthalmic diseases: A review. Saudi Journal of Ophthalmology, 2013, 27, 97-106.	0.3	44
60	CDKN2B-AS1 Genotypeâ€“Glaucoma Feature Correlations in Primary Open-Angle Glaucoma Patients From the United States. American Journal of Ophthalmology, 2013, 155, 342-353.e5.	3.3	76
61	A Genome-Wide Association Study of Central Corneal Thickness in Latinos. , 2013, 54, 2435.		54
62	Developments in Ocular Genetics. Asia-Pacific Journal of Ophthalmology, 2013, 2, 177-186.	2.5	1
63	Gene Expression Profile in Human Trabecular Meshwork From Patients With Primary Open-Angle Glaucoma. , 2013, 54, 6382.		56
64	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. Nature Genetics, 2013, 45, 155-163.	21.4	269
65	Investigation of Known Genetic Risk Factors for Primary Open Angle Glaucoma in Two Populations of African Ancestry. , 2013, 54, 6248.		73
66	Estrogen pathway polymorphisms in relation to primary open angle glaucoma: an analysis accounting for gender from the United States. Molecular Vision, 2013, 19, 1471-81.	1.1	40
67	Genetic screen of African Americans with Fuchs endothelial corneal dystrophy. Molecular Vision, 2013, 19, 2508-16.	1.1	13
68	Common Variants at 9p21 and 8q22 Are Associated with Increased Susceptibility to Optic Nerve Degeneration in Glaucoma. PLoS Genetics, 2012, 8, e1002654.	3.5	276
69	Genome-wide association analyses identify three new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2012, 44, 1142-1146.	21.4	196
70	Lack of Association BetweenLOXL1Gene Polymorphisms and Primary Open Angle Glaucoma in the Saudi Arabian Population. Ophthalmic Genetics, 2012, 33, 130-133.	1.2	13
71	Cerebrospinal Fluid Pressure Decreases with Older Age. PLoS ONE, 2012, 7, e52664.	2.5	129
72	Mitochondrial genetic background in Ghanaian patients with primary open-angle glaucoma. Molecular Vision, 2012, 18, 1955-9.	1.1	9

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73	Low prevalence of myocilin mutations in an African American population with primary open-angle glaucoma. Molecular Vision, 2012, 18, 2241-6.	1.1	22
74	Molecular genetics in glaucoma. Experimental Eye Research, 2011, 93, 331-339.	2.6	118
75	Review: The role of LOXL1 in exfoliation syndrome/glaucoma. Saudi Journal of Ophthalmology, 2011, 25, 347-352.	0.3	20
76	Genome-Wide Linkage Scan for Primary Open Angle Glaucoma: Influences of Ancestry and Age at Diagnosis. PLoS ONE, 2011, 6, e21967.	2.5	17
77	GALC Deletions Increase the Risk of Primary Open-Angle Glaucoma: The Role of Mendelian Variants in Complex Disease. PLoS ONE, 2011, 6, e27134.	2.5	37
78	Serial analysis of gene expression (SAGE) in normal human trabecular meshwork. Molecular Vision, 2011, 17, 885-93.	1.1	19
79	Myocilin mutations in black South Africans with POAG. Molecular Vision, 2011, 17, 1064-9.	1.1	16
80	Myocilin and optineurin coding variants in Hispanics of Mexican descent with POAG. Journal of Human Genetics, 2010, 55, 697-700.	2.3	23
81	AQP1 and SLC4A10 as candidate genes for primary open-angle glaucoma. Molecular Vision, 2010, 16, 93-7.	1.1	10
82	The genetics of primary open-angle glaucoma: A review. Experimental Eye Research, 2009, 88, 837-844.	2.6	219
83	Cerebrospinal Fluid Pressure Is Decreased in Primary Open-angle Glaucoma. Ophthalmology, 2008, 115, 763-768.	5.2	397
84	A Prospective Study of Early Intraocular Pressure Changes After a Single Intravitreal Triamcinolone Injection. Journal of Glaucoma, 2008, 17, 128-132.	1.6	20
85	Lack of Association betweenLOXL1Variants and Primary Open-Angle Glaucoma in Three Different Populations. , 2008, 49, 3465.		48
86	Optineurin coding variants in Ghanaian patients with primary open-angle glaucoma. Molecular Vision, 2008, 14, 2367-72.	1.1	18
87	Assessment of visual status of the Aeta, a hunter-gatherer population of the Philippines (an AOS) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	49
88	Investigation of founder effects for the Thr377Met Myocilin mutation in glaucoma families from differing ethnic backgrounds. Molecular Vision, 2007, 13, 487-92.	1.1	10
89	No association between OPA1 polymorphisms and primary open-angle glaucoma in three different populations. Molecular Vision, 2007, 13, 2137-41.	1.1	22
90	Distribution of Optineurin Sequence Variations in an Ethnically Diverse Population of Low-tension Glaucoma Patients From the United States. Journal of Glaucoma, 2006, 15, 358-363.	1.6	82

#	Article	IF	Citations
91	Distribution ofWDR36DNA Sequence Variants in Patients with Primary Open-Angle Glaucoma. , 2006, 47, 2542.		114
92	High Failure Rate Associated With 180?? Selective Laser Trabeculoplasty. Journal of Glaucoma, 2005, 14, 400-408.	1.6	104
93	Early Adult-Onset POAG Linked to 15q11-13 Using Ordered Subset Analysis. , 2005, 46, 2002.		86
94	Early rapid rise in intraocular pressure after intravitreal triamcinolone acetonide injection. American Journal of Ophthalmology, 2004, 138, 286-287.	3.3	118
95	The dawn of genetic testing for glaucoma. Current Opinion in Ophthalmology, 2004, 15, 75-79.	2.9	9
96	Lack of Association of Mutations in Optineurin With Disease in Patients With Adult-onset Primary Open-angle Glaucoma. JAMA Ophthalmology, 2003, 121, 1181.	2.4	86
97	Pseudoexfoliation syndrome in Icelandic families. British Journal of Ophthalmology, 2001, 85, 702-707.	3.9	109
98	Myocilin Mutations in Families with Late-Onset Primary Open-Angle Glaucoma. , 2000, , 45-50.		0
99	Prevalence of Mutations in TIGR/Myocilin in Patients with Adult and Juvenile Primary Open-Angle Glaucoma. American Journal of Human Genetics, 1998, 63, 1549-1552.	6.2	197
100	Is pseudoexfoliation syndrome inherited? A review of genetic and nongenetic factors and a new observation. Ophthalmic Genetics, 1998, 19, 175-185.	1.2	100
101	Comparative Study of the Efficacy of Argon Laser Trabeculoplasty for Exfoliation and Primary Open-Angle Glaucoma. Journal of Glaucoma, 1996, 5, 311???316.	1.6	40