

Robert Wojciechowski

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

2,893
citations

32
h-index

53
g-index

59
ext. papers

3,458
ext. citations

9
avg, IF

4.77
L-index

#	Paper	IF	Citations
56	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. <i>JAMA Ophthalmology</i> , 2021 , 139, 601-609	3.9	4
55	Meta-analysis of 542,934 subjects of European ancestry identifies new genes and mechanisms predisposing to refractive error and myopia. <i>Nature Genetics</i> , 2020 , 52, 401-407	36.3	68
54	Faster Sensitivity Loss around Dense Scotomas than for Overall Macular Sensitivity in Stargardt Disease: ProgStar Report No. 14. <i>American Journal of Ophthalmology</i> , 2020 , 216, 219-225	4.9	12
53	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. <i>Nature Genetics</i> , 2020 , 52, 160-166	36.3	78
52	Detailed genetic characteristics of an international large cohort of patients with Stargardt disease: ProgStar study report 8. <i>British Journal of Ophthalmology</i> , 2019 , 103, 390-397	5.5	26
51	INVOLVEMENT OF MULTIPLE MOLECULAR PATHWAYS IN THE GENETICS OF OCULAR REFRACTION AND MYOPIA. <i>Retina</i> , 2018 , 38, 91-101	3.6	18
50	Longitudinal Changes of Fixation Location and Stability Within 12 Months in Stargardt Disease: ProgStar Report No. 12. <i>American Journal of Ophthalmology</i> , 2018 , 193, 54-61	4.9	20
49	CYP2D6 basic genotyping as a potential tool to improve the antiemetic efficacy of ondansetron in prophylaxis of postoperative nausea and vomiting. <i>Advances in Clinical and Experimental Medicine</i> , 2018 , 27, 1499-1503	1.8	11
48	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018 , 50, 834-848	36.3	135
47	Genome-wide analyses identify 68 new loci associated with intraocular pressure and improve risk prediction for primary open-angle glaucoma. <i>Nature Genetics</i> , 2018 , 50, 778-782	36.3	122
46	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics. <i>Human Molecular Genetics</i> , 2017 , 26, 438-453	5.6	80
45	Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2017 , 46, 1882-1890	7.8	34
44	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. <i>Nature Communications</i> , 2016 , 7, 11008	17.4	79
43	Childhood gene-environment interactions and age-dependent effects of genetic variants associated with refractive error and myopia: The CREAM Consortium. <i>Scientific Reports</i> , 2016 , 6, 25853	4.9	57
42	Assessing the Genetic Predisposition of Education on Myopia: A Mendelian Randomization Study. <i>Genetic Epidemiology</i> , 2016 , 40, 66-72	2.6	39
41	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. <i>Human Genetics</i> , 2015 , 134, 131-46	6.3	20
40	APLP2 Regulates Refractive Error and Myopia Development in Mice and Humans. <i>PLoS Genetics</i> , 2015 , 11, e1005432	6	59

39	Family history is a strong risk factor for prevalent angle closure in a South Indian population. <i>Ophthalmology</i> , 2014 , 121, 2091-7	7.3	44
38	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	36.3	171
37	Genome-wide association studies of refractive error and myopia, lessons learned, and implications for the future 2014 , 55, 3344-51		54
36	Genome-wide meta-analysis of myopia and hyperopia provides evidence for replication of 11 loci. <i>PLoS ONE</i> , 2014 , 9, e107110	3.7	36
35	Common mechanisms underlying refractive error identified in functional analysis of gene lists from genome-wide association study results in 2 European British cohorts. <i>JAMA Ophthalmology</i> , 2014 , 132, 50-6	3.9	19
34	Education influences the association between genetic variants and refractive error: a meta-analysis of five Singapore studies. <i>Human Molecular Genetics</i> , 2014 , 23, 546-54	5.6	55
33	A genome-wide association study of intra-ocular pressure suggests a novel association in the gene FAM125B in the TwinsUK cohort. <i>Human Molecular Genetics</i> , 2014 , 23, 3343-8	5.6	32
32	Meta-analysis of genome-wide association studies in five cohorts reveals common variants in RFX1, a regulator of tissue-specific splicing, associated with refractive error. <i>Human Molecular Genetics</i> , 2013 , 22, 2754-64	5.6	52
31	Nine loci for ocular axial length identified through genome-wide association studies, including shared loci with refractive error. <i>American Journal of Human Genetics</i> , 2013 , 93, 264-77	11	116
30	Matrix metalloproteinases and educational attainment in refractive error: evidence of gene-environment interactions in the Age-Related Eye Disease Study. <i>Ophthalmology</i> , 2013 , 120, 298-305	7.3	31
29	Genome-wide meta-analyses of multi-ancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. <i>Nature Genetics</i> , 2013 , 45, 314-8	36.3	314
28	Focusing in on the complex genetics of myopia. <i>PLoS Genetics</i> , 2013 , 9, e1003442	6	45
27	Association study in a South Indian population supports rs1015213 as a risk factor for primary angle closure 2013 , 54, 5624-8		20
26	Regional replication of association with refractive error on 15q14 and 15q25 in the Age-Related Eye Disease Study cohort. <i>Molecular Vision</i> , 2013 , 19, 2173-86	2.3	11
25	Large scale international replication and meta-analysis study confirms association of the 15q14 locus with myopia. The CREAM consortium. <i>Human Genetics</i> , 2012 , 131, 1467-80	6.3	57
24	Power vector analysis of refractive, corneal, and internal astigmatism in an elderly Chinese population: the Shihpai Eye Study 2011 , 52, 9651-7		46
23	Nature and nurture: the complex genetics of myopia and refractive error. <i>Clinical Genetics</i> , 2011 , 79, 301-20	4	197
22	Old lessons learned anew: family-based methods for detecting genes responsible for quantitative and qualitative traits in the Genetic Analysis Workshop 17 mini-exome sequence data. <i>BMC Proceedings</i> , 2011 , 5 Suppl 9, S83	2.3	9

21	Dissecting the genetic heterogeneity of myopia susceptibility in an Ashkenazi Jewish population using ordered subset analysis. <i>Molecular Vision</i> , 2011 , 17, 1641-51	2.3	3
20	Association of matrix metalloproteinase gene polymorphisms with refractive error in Amish and Ashkenazi families 2010 , 51, 4989-95		31
19	Structure-function correlations using scanning laser polarimetry in primary angle-closure glaucoma and primary open-angle glaucoma. <i>American Journal of Ophthalmology</i> , 2010 , 149, 817-25.e1	4.9	12
18	Punctal occlusion for dry eye syndrome. <i>Cochrane Database of Systematic Reviews</i> , 2010 , CD006775		29
17	Genomewide linkage scans for ocular refraction and meta-analysis of four populations in the Myopia Family Study 2009 , 50, 2024-32		27
16	Evaluation of random forests performance for genome-wide association studies in the presence of interaction effects. <i>BMC Proceedings</i> , 2009 , 3 Suppl 7, S64	2.3	18
15	Genome-wide scan of African-American and white families for linkage to myopia. <i>American Journal of Ophthalmology</i> , 2009 , 147, 512-517.e2	4.9	28
14	Fine-mapping of candidate region in Amish and Ashkenazi families confirms linkage of refractive error to a QTL on 1p34-p36. <i>Molecular Vision</i> , 2009 , 15, 1398-406	2.3	9
13	Genomewide scan of ocular refraction in African-American families shows significant linkage to chromosome 7p15. <i>Genetic Epidemiology</i> , 2008 , 32, 454-63	2.6	48
12	Heritability and familial aggregation of refractive error in the Old Order Amish. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4002-6		41
11	Correction of moderate myopia is associated with improvement in self-reported visual functioning among Mexican school-aged children. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4949-54		40
10	Punctal occlusion for dry eye syndrome 2007 ,		1
9	Genomewide scan in Ashkenazi Jewish families demonstrates evidence of linkage of ocular refraction to a QTL on chromosome 1p36. <i>Human Genetics</i> , 2006 , 119, 389-99	6.3	79
8	Cortical, but not posterior subcapsular, cataract shows significant familial aggregation in an older population after adjustment for possible shared environmental factors. <i>Ophthalmology</i> , 2005 , 112, 73-77.3		28
7	Familial aggregation of hyperopia in an elderly population of siblings in Salisbury, Maryland. <i>Ophthalmology</i> , 2005 , 112, 78-83	7.3	19
6	Determinants and heritability of intraocular pressure and cup-to-disc ratio in a defined older population. <i>Ophthalmology</i> , 2005 , 112, 1186-91	7.3	79
5	Investigation of altering single-nucleotide polymorphism density on the power to detect trait loci and frequency of false positive in nonparametric linkage analyses of qualitative traits. <i>BMC Genetics</i> , 2005 , 6 Suppl 1, S20	2.6	5
4	Heritability of refractive error and familial aggregation of myopia in an elderly American population. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 1588-92		58

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| 3 | Nuclear cataract shows significant familial aggregation in an older population after adjustment for possible shared environmental factors. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 2182-6 | 34 |
| 2 | Age, gender, biometry, refractive error, and the anterior chamber angle among Alaskan Eskimos. <i>Ophthalmology</i> , 2003 , 110, 365-75 | 73 94 |
| 1 | Topography of the age-related decline in motion sensitivity. <i>Optometry and Vision Science</i> , 1995 , 72, 67-74 | 32 |