Robert P Igo

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/2406044/robert-p-igo-publications-by-year.pdf
Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102 papers	5,223 citations	36 h-index	71 g-index
106 ext. papers	6,337 ext. citations	9.2 avg, IF	4.32 L-index

#	Paper	IF	Citations
102	Association of Smoking, Alcohol Consumption, Blood Pressure, Body Mass Index, and Glycemic Risk Factors With Age-Related Macular Degeneration: A Mendelian Randomization Study. *JAMA Ophthalmology*, **2021**,	3.9	2
101	Gene Set Enrichment Analsyes Identiify Pathways Involved in Genetic Risk for Diabetic Retinopathy. *American Journal of Ophthalmology*, **2021**, 233, 111-123	4.9	3
100	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. *JAMA Ophthalmology*, **2021**, 139, 601-609	3.9	4
99	Methylome-wide Analysis Reveals Epigenetic Marks Associated With Resistance to Tuberculosis in Human Immunodeficiency Virus-Infected Individuals From East Africa. *Journal of Infectious Diseases*, **2021**, 224, 695-704	7	
98	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. *Nature Communications*, **2021**, 12, 1258	17.4	47
97	Association of Rare CYP39A1 Variants With Exfoliation Syndrome Involving the Anterior Chamber of the Eye. *JAMA - Journal of the American Medical Association*, **2021**, 325, 753-764	27.4	6
96	Association between genes regulating neural pathways for quantitative traits of speech and language disorders. *Npj Genomic Medicine*, **2021**, 6, 64	6.2	2
95	genotype identifies glucocorticoid responsiveness in severe asthma. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 2187-2193	11.5	15
94	Association of APOE With Primary Open-Angle Glaucoma Suggests a Protective Effect for APOE 4 **2020**, 61, 3		9
93	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. *Nature Genetics*, **2020**, 52, 160-166	36.3	78
92	Interaction between host genes and Mycobacterium tuberculosis lineage can affect tuberculosis severity: Evidence for coevolution?. *PLoS Genetics*, **2020**, 16, e1008728	6	14
91	Genetic risk scores in complex eye disorders **2020**, 259-275		4
90	Statistical driver genes as a means to uncover missing heritability for age-related macular degeneration. *BMC Medical Genomics*, **2020**, 13, 95	3.7	
89	Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract. *Communications Biology*, **2020**, 3, 755	6.7	3
88	Pathway Analysis Integrating Genome-Wide and Functional Data Identifies PLCG2 as a Candidate Gene for Age-Related Macular Degeneration **2019**, 60, 4041-4051		7
87	Genetic Correlations Between Diabetes and Glaucoma: An Analysis of Continuous and Dichotomous Phenotypes. *American Journal of Ophthalmology*, **2019**, 206, 245-255	4.9	6
86	Fine-mapping analysis of a chromosome 2 region linked to resistance to Mycobacterium tuberculosis infection in Uganda reveals potential regulatory variants. *Genes and Immunity*, **2019**, 20, 473-483	4.4	11

85	AMISH EYE STUDY: Baseline Spectral Domain Optical Coherence Tomography Characteristics of Age-Related Macular Degeneration. *Retina*, **2019**, 39, 1540-1550	3.6	6
84	Rare variants and loci for age-related macular degeneration in the Ohio and Indiana Amish. *Human Genetics*, **2019**, 138, 1171-1182	6.3	2
83	Association of Genetic Variants With Primary Open-Angle Glaucoma Among Individuals With African Ancestry. *JAMA - Journal of the American Medical Association*, **2019**, 322, 1682-1691	27.4	31
82	Genetically-guided algorithm development and sample size optimization for age-related macular degeneration cases and controls in electronic health records from the VA Million Veteran Program. *AMIA Summits on Translational Science Proceedings*, **2019**, 2019, 153-162	1.1	
81	Differential Long-Term Outcomes for Individuals With Histories of Preschool Speech Sound Disorders. *American Journal of Speech-Language Pathology*, **2019**, 28, 1582-1596	3.1	8
80	Myocilin Mutations in Patients With Normal-Tension Glaucoma. *JAMA Ophthalmology*, **2019**, 137, 559-563	3.9	11
79	Genetic Risk Scores. *Current Protocols in Human Genetics*, **2019**, 104, e95	3.2	19
78	Multiethnic Genome-Wide Association Study of Diabetic Retinopathy Using Liability Threshold Modeling of Duration of Diabetes and Glycemic Control. *Diabetes*, **2019**, 68, 441-456	0.9	31
77	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. *Diabetes*, **2018**, 67, 1414-1427	0.9	71
76	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets **2018**, 59, 629-636		9
75	AmpliSeq transcriptome analysis of human alveolar and monocyte-derived macrophages over time in response to Mycobacterium tuberculosis infection. *PLoS ONE*, **2018**, 13, e0198221	3.7	15
74	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. *Nature Genetics*, **2018**, 50, 834-848	36.3	135
73	Genome-wide analyses identify 68 new loci associated with intraocular pressure and improve risk prediction for primary open-angle glaucoma. *Nature Genetics*, **2018**, 50, 778-782	36.3	122
72	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. *Nature Genetics*, **2017**, 49, 993-1004	36.3	72
71	Genome-wide association study identifies three novel loci in Fuchs endothelial corneal dystrophy. *Nature Communications*, **2017**, 8, 14898	17.4	66
70	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	5.3	9
69	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	2.5	5
68	Type 2 Diabetes Variants Disrupt Function of SLC16A11 through Two Distinct Mechanisms. *Cell*, **2017**, 170, 199-212.e20	56.2	94

67	A chromosome 5q31.1 locus associates with tuberculin skin test reactivity in HIV-positive individuals from tuberculosis hyper-endemic regions in east Africa. *PLoS Genetics*, **2017**, 13, e1006710	6	19
66	Quality Control for the Illumina HumanExome BeadChip. *Current Protocols in Human Genetics*, **2016**, 90, 2.14.1-2.14.16	3.2	5
65	Genetic Risk Scores. *Current Protocols in Human Genetics*, **2016**, 91, 1.29.1-1.29.9	3.2	14
64	Meta-analysis of gene-environment-wide association scans accounting for education level identifies additional loci for refractive error. *Nature Communications*, **2016**, 7, 11008	17.4	79
63	Selecting SNPs informative for African, American Indian and European Ancestry: application to the Family Investigation of Nephropathy and Diabetes (FIND). *BMC Genomics*, **2016**, 17, 325	4.5	1
62	A Locus at 5q33.3 Confers Resistance to Tuberculosis in Highly Susceptible Individuals. *American Journal of Human Genetics*, **2016**, 98, 514-524	11	53
61	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. *Nature Genetics*, **2016**, 48, 134-43	36.3	769
60	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. *Nature Genetics*, **2016**, 48, 189-94	36.3	159
59	Autosomal dominant hereditary spastic paraplegia with axonal sensory motor polyneuropathy maps to chromosome 21q 22.3. *International Journal of Neuroscience*, **2016**, 126, 600-6	2	
58	A Common Variant in MIR182 Is Associated With Primary Open-Angle Glaucoma in the NEIGHBORHOOD Consortium **2016**, 57, 4528-4535		31
57	Genome-Wide Association and Trans-ethnic Meta-Analysis for Advanced Diabetic Kidney Disease: Family Investigation of Nephropathy and Diabetes (FIND). *PLoS Genetics*, **2015**, 11, e1005352	6	84
56	Polymorphisms in TICAM2 and IL1B are associated with TB. *Genes and Immunity*, **2015**, 16, 127-133	4.4	41
55	Clinical and epidemiological characteristics of individuals resistant to M. tuberculosis infection in a longitudinal TB household contact study in Kampala, Uganda. *BMC Infectious Diseases*, **2014**, 14, 352	4	36
54	Rare and common variants in extracellular matrix gene Fibrillin 2 (FBN2) are associated with macular degeneration. *Human Molecular Genetics*, **2014**, 23, 5827-37	5.6	34
53	Practical barriers and ethical challenges in genetic data sharing. *International Journal of Environmental Research and Public Health*, **2014**, 11, 8383-98	4.6	16
52	Genetic evidence for role of carotenoids in age-related macular degeneration in the Carotenoids in Age-Related Eye Disease Study (CAREDS) **2014**, 55, 587-99		91
51	Mitochondrial polymorphism A10398G and Haplogroup I are associated with Fuchs' endothelial corneal dystrophy **2014**, 55, 4577-84		9
50	Meta-analysis of genome-wide association studies in African Americans provides insights into the genetic architecture of type 2 diabetes. *PLoS Genetics*, **2014**, 10, e1004517	6	151

49	Association between AVPR1A, DRD2, and ASPM and endophenotypes of communication disorders. *Psychiatric Genetics*, **2014**, 24, 191-200	2.9	6
48	Nine loci for ocular axial length identified through genome-wide association studies, including shared loci with refractive error. *American Journal of Human Genetics*, **2013**, 93, 264-77	11	116
47	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. *Nature Genetics*, **2013**, 45, 314-8	36.3	314
46	Seven new loci associated with age-related macular degeneration. *Nature Genetics*, **2013**, 45, 433-9, 439e1-2	36.3	577
45	Genetic determinants of macular pigments in women of the Carotenoids in Age-Related Eye Disease Study **2013**, 54, 2333-45		68
44	Vitamin D intake and season modify the effects of the GC and CYP2R1 genes on 25-hydroxyvitamin D concentrations. *Journal of Nutrition*, **2013**, 143, 17-26	4.1	56
43	Association of smoking and other risk factors with Fuchs' endothelial corneal dystrophy severity and corneal thickness **2013**, 54, 5829-35		35
42	A genome-wide search for linkage of estimated glomerular filtration rate (eGFR) in the Family Investigation of Nephropathy and Diabetes (FIND). *PLoS ONE*, **2013**, 8, e81888	3.7	23
41	A multicenter study to map genes for Fuchs endothelial corneal dystrophy: baseline characteristics and heritability. *Cornea*, **2012**, 31, 26-35	3.1	57
40	Differing roles for TCF4 and COL8A2 in central corneal thickness and fuchs endothelial corneal dystrophy. *PLoS ONE*, **2012**, 7, e46742	3.7	34
39	Comparison of requirements and capabilities of major multipurpose software packages. *Methods in Molecular Biology*, **2012**, 850, 539-58	1.4	1
38	Genetic susceptibility to tuberculosis associated with cathepsin Z haplotype in a Ugandan household contact study. *Human Immunology*, **2011**, 72, 426-30	2.3	19
37	A 32 kb critical region excluding Y402H in CFH mediates risk for age-related macular degeneration. *PLoS ONE*, **2011**, 6, e25598	3.7	41
36	Analysis of positional candidate genes in the AAA1 susceptibility locus for abdominal aortic aneurysms on chromosome 19. *BMC Medical Genetics*, **2011**, 12, 14	2.1	16
35	Genomewide linkage scan for diabetic renal failure and albuminuria: the FIND study. *American Journal of Nephrology*, **2011**, 33, 381-9	4.6	48
34	Some capabilities for model-based and model-free linkage analysis using the program package S.A.G.E. (Statistical Analysis for Genetic Epidemiology). *Human Heredity*, **2011**, 72, 237-46	1.1	31
33	Genome-wide association identifies SKIV2L and MYRIP as protective factors for age-related macular degeneration. *Genes and Immunity*, **2010**, 11, 609-21	4.4	53
32	Linkage and association analyses identify a candidate region for apoB level on chromosome 4q32.3 in FCHL families. *Human Genetics*, **2010**, 127, 705-19	6.3	11

31	Association mapping by generalized linear regression with density-based haplotype clustering. *Genetic Epidemiology*, **2009**, 33, 16-26	2.6	6
30	Bayesian intervals for linkage locations. *Genetic Epidemiology*, **2009**, 33, 604-16	2.6	4
29	Genome-wide linkage scans for type 2 diabetes mellitus in four ethnically diverse populations-significant evidence for linkage on chromosome 4q in African Americans: the Family Investigation of Nephropathy and Diabetes Research Group. *Diabetes/Metabolism Research and Reviews*, **2009**, 25, 740-7	7.5	9
28	Markov Chain Monte Carlo Linkage Analysis Methods **2009**, 147-169		
27	Heritability of the severity of diabetic retinopathy: the FIND-Eye study **2008**, 49, 3839-45		133
26	Genome scan of a nonword repetition phenotype in families with dyslexia: evidence for multiple loci. *Behavior Genetics*, **2008**, 38, 462-75	3.2	23
25	Empirical significance values for linkage analysis: trait simulation using posterior model distributions from MCMC oligogenic segregation analysis. *Genetic Epidemiology*, **2008**, 32, 119-31	2.6	17
24	Issues in association mapping with high-density SNP data and diverse family structures. *Genetic Epidemiology*, **2007**, 31 Suppl 1, S22-33	2.6	4
23	Density-based clustering in haplotype analysis for association mapping. *BMC Proceedings*, **2007**, 1 Suppl 1, S27	2.3	5
22	Genomewide scan for real-word reading subphenotypes of dyslexia: novel chromosome 13 locus and genetic complexity. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2006**, 141B, 15-27	3.5	35
21	Segregation analysis of a complex quantitative trait: approaches for identifying influential data points. *Human Heredity*, **2006**, 61, 80-6	1.1	11
20	A genome scan in multigenerational families with dyslexia: Identification of a novel locus on chromosome 2q that contributes to phonological decoding efficiency. *Molecular Psychiatry*, **2005**, 10, 699-711	15.1	54
19	In vitro assays for kinetoplastid U insertion-deletion editing and associated activities. *Methods in Molecular Biology*, **2004**, 265, 251-72	1.4	2
18	Low-density lipoprotein particle size loci in familial combined hyperlipidemia: evidence for multiple loci from a genome scan. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 1942-50	9.4	35
17	Linkage analyses of four regions previously implicated in dyslexia: confirmation of a locus on chromosome 15q. *American Journal of Medical Genetics Part A*, **2004**, 131B, 67-75		61
16	Kinetoplastid RNA editing ligases: complex association, characterization, and substrate requirements. *Molecular and Biochemical Parasitology*, **2003**, 127, 161-7	1.9	33
15	TbMP57 is a 3' terminal uridylyl transferase (TUTase) of the Trypanosoma brucei editosome. *Molecular Cell*, **2003**, 11, 1525-36	17.6	104
14	Endoribonuclease activities of Trypanosoma brucei mitochondria. *Molecular and Biochemical Parasitology*, **2002**, 120, 23-31	1.9	22

13	Role of uridylate-specific exoribonuclease activity in Trypanosoma brucei RNA editing. *Eukaryotic Cell*, **2002**, 1, 112-8		66
12	RNA sequence and base pairing effects on insertion editing in Trypanosoma brucei. *Molecular and Cellular Biology*, **2002**, 22, 1567-76	4.8	44
11	Association of two novel proteins, TbMP52 and TbMP48, with the Trypanosoma brucei RNA editing complex. *Molecular and Cellular Biology*, **2001**, 21, 380-9	4.8	116
10	Four related proteins of the Trypanosoma brucei RNA editing complex. *Molecular and Cellular Biology*, **2001**, 21, 6833-40	4.8	103
9	The specificity of nucleotide removal during RNA editing in Trypanosoma brucei. *Rna*, **2001**, 7, 1793-802	5.8	17
8	An RNA ligase essential for RNA editing and survival of the bloodstream form of Trypanosoma brucei. *Science*, **2001**, 291, 2159-62	33.3	171
7	Uridylate addition and RNA ligation contribute to the specificity of kinetoplastid insertion RNA editing. *Molecular and Cellular Biology*, **2000**, 20, 8447-57	4.8	98
6	New mutations and phenotypes associated with glutamate and aspartate transport in Chinese hamster ovary (CHO-K1) cells. *Somatic Cell and Molecular Genetics*, **1996**, 22, 87-103		8
5	Novel regulations of glutamate and aspartate uptake by HeLa cells. *Biochimica Et Biophysica Acta - Biomembranes*, **1995**, 1233, 153-62	3.8	4
4	Numerical analysis reveals complexities of glutamate transport. *Biochimica Et Biophysica Acta - Biomembranes*, **1993**, 1149, 109-18	3.8	5
3	Selection of Chinese hamster ovary cells (CHO-K1) with reduced glutamate and aspartate uptake. *Somatic Cell and Molecular Genetics*, **1993**, 19, 231-43		7
2	Interaction between host genes and M. tuberculosis lineage can affect tuberculosis severity: evidence for coevolution		1
1	A large cross-ancestry meta-analysis of genome-wide association studies identifies 69 novel risk loci for primary open-angle glaucoma and includes a genetic link with Alzheimer's disease		4