

# Puya Gharahkhani

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

3,861  
citations

136885

32  
h-index

149623

56  
g-index

90  
all docs

90  
docs citations

90  
times ranked

5135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Normal-tension glaucoma is associated with cognitive impairment. British Journal of Ophthalmology, 2022, 106, 952-956.	2.1	14
2	Multitrait genetic association analysis identifies 50 new risk loci for gastro-oesophageal reflux, seven new loci for Barrett's oesophagus and provides insights into clinical heterogeneity in reflux diagnosis. Gut, 2022, 71, 1053-1061.	6.1	74
3	Is Genetic Risk for Sleep Apnea Causally Linked With Glaucoma Susceptibility?. , 2022, 63, 25.		3
4	The APOE E4 Allele Is Associated with Faster Rates of Neuroretinal Thinning in a Prospective Cohort Study of Suspect and Early Glaucoma. Ophthalmology Science, 2022, 2, 100159.	1.0	4
5	Association of Novel Loci With Keratoconus Susceptibility in a Multitrait Genome-Wide Association Study of the UK Biobank Database and Canadian Longitudinal Study on Aging. JAMA Ophthalmology, 2022, 140, 568.	1.4	5
6	A Polygenic Risk Score Predicts Intraocular Pressure Readings Outside Office Hours and Early Morning Spikes as Measured by Home Tonometry. Ophthalmology Glaucoma, 2021, 4, 411-420.	0.9	11
7	Polygenic Risk Scores Allow Risk Stratification for Keratinocyte Cancer in Organ-Transplant Recipients. Journal of Investigative Dermatology, 2021, 141, 325-333.e6.	0.3	8
8	The effects of eight serum lipid biomarkers on age-related macular degeneration risk: a Mendelian randomization study. International Journal of Epidemiology, 2021, 50, 325-336.	0.9	25
9	Germline variation in the insulin-like growth factor pathway and risk of Barrett's esophagus and esophageal adenocarcinoma. Carcinogenesis, 2021, 42, 369-377.	1.3	11
10	A comprehensive re-assessment of the association between vitamin D and cancer susceptibility using Mendelian randomization. Nature Communications, 2021, 12, 246.	5.8	39
11	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. Nature Communications, 2021, 12, 1258.	5.8	196
12	Genetic variation affects morphological retinal phenotypes extracted from UK Biobank optical coherence tomography images. PLoS Genetics, 2021, 17, e1009497.	1.5	50
13	Polyunsaturated Fatty Acid Levels and the Risk of Keratinocyte Cancer: A Mendelian Randomization Analysis. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1591-1598.	1.1	10
14	Polygenic Risk Scores Stratify Keratinocyte Cancer Risk among Solid Organ Transplant Recipients with Chronic Immunosuppression in a High Ultraviolet Radiation Environment. Journal of Investigative Dermatology, 2021, 141, 2866-2875.e2.	0.3	4
15	Identification of a Locus Near <i>ULK1</i> Associated With Progression-Free Survival in Ovarian Cancer. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1669-1680.	1.1	5
16	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. JAMA Ophthalmology, 2021, 139, 601.	1.4	22
17	Automated AI labeling of optic nerve head enables insights into cross-ancestry glaucoma risk and genetic discovery in >280,000 images from UKB and CLSA. American Journal of Human Genetics, 2021, 108, 1204-1216.	2.6	39
18	Large-scale cross-cancer fine-mapping of the 5p15.33 region reveals multiple independent signals. Human Genetics and Genomics Advances, 2021, 2, 100041.	1.0	6

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19	Association of Monogenic and Polygenic Risk With the Prevalence of Open-Angle Glaucoma. <i>JAMA Ophthalmology</i> , 2021, 139, 1023.	1.4	15
20	Assessing the genetic relationship between gastro-esophageal reflux disease and risk of COVID-19 infection. <i>Human Molecular Genetics</i> , 2021, , .	1.4	7
21	Characteristics of p.Gln368Ter Myocilin Variant and Influence of Polygenic Risk on Glaucoma Penetrance in the UK Biobank. <i>Ophthalmology</i> , 2021, 128, 1300-1311.	2.5	27
22	An Intraocular Pressure Polygenic Risk Score Stratifies Multiple Primary Open-Angle Glaucoma Parameters Including Treatment Intensity. <i>Ophthalmology</i> , 2020, 127, 901-907.	2.5	37
23	Using Mendelian randomization to evaluate the causal relationship between serum C-reactive protein levels and age-related macular degeneration. <i>European Journal of Epidemiology</i> , 2020, 35, 139-146.	2.5	66
24	Sex-Specific Genetic Associations for Barrett's Esophagus and Esophageal Adenocarcinoma. <i>Gastroenterology</i> , 2020, 159, 2065-2076.e1.	0.6	16
25	Association of Myopia and Intraocular Pressure With Retinal Detachment in European Descent Participants of the UK Biobank Cohort. <i>JAMA Ophthalmology</i> , 2020, 138, 671.	1.4	23
26	Shared Genetic Etiology of Obesity-Related Traits and Barrett's Esophagus/Adenocarcinoma: Insights from Genome-Wide Association Studies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 427-433.	1.1	7
27	Assessment of polygenic architecture and risk prediction based on common variants across fourteen cancers. <i>Nature Communications</i> , 2020, 11, 3353.	5.8	75
28	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.	9.4	192
29	Genome-wide meta-analysis identifies novel loci associated with age-related macular degeneration. <i>Journal of Human Genetics</i> , 2020, 65, 657-665.	1.1	59
30	Association between coffee consumption and overall risk of being diagnosed with or dying from cancer among >300 000 UK Biobank participants in a large-scale Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2019, 48, 1447-1456.	0.9	29
31	Determining Possible Shared Genetic Architecture Between Myopia and Primary Open-Angle Glaucoma. , 2019, 60, 3142.		10
32	Genome-wide association analysis of 95%549 individuals identifies novel loci and genes influencing optic disc morphology. <i>Human Molecular Genetics</i> , 2019, 28, 3680-3690.	1.4	19
33	Gastroesophageal reflux GWAS identifies risk loci that also associate with subsequent severe esophageal diseases. <i>Nature Communications</i> , 2019, 10, 4219.	5.8	58
34	Genetic Correlations Between Diabetes and Glaucoma: An Analysis of Continuous and Dichotomous Phenotypes. <i>American Journal of Ophthalmology</i> , 2019, 206, 245-255.	1.7	12
35	Combined analysis of keratinocyte cancers identifies novel genome-wide loci. <i>Human Molecular Genetics</i> , 2019, 28, 3148-3160.	1.4	46
36	New insight into human sweet taste: a genome-wide association study of the perception and intake of sweet substances. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1724-1737.	2.2	53

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37	Mendelian Randomization Study for Genetically Predicted Polyunsaturated Fatty Acids Levels on Overall Cancer Risk and Mortality. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 1015-1023.	1.1	19
38	No Association Between Vitamin D Status and Risk of Barrett's Esophagus or Esophageal Adenocarcinoma: A Mendelian Randomization Study. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 2227-2235.e1.	2.4	16
39	Effect of increased body mass index on risk of diagnosis or death from cancer. <i>British Journal of Cancer</i> , 2019, 120, 565-570.	2.9	20
40	Multi-trait genome-wide association study identifies new loci associated with optic disc parameters. <i>Communications Biology</i> , 2019, 2, 435.	2.0	22
41	Myocilin Gene Gln368Ter Variant Penetrance and Association With Glaucoma in Population-Based and Registry-Based Studies. <i>JAMA Ophthalmology</i> , 2019, 137, 28.	1.4	32
42	Abstract 1592: Genome-wide meta-analysis of keratinocytic cancers identifies 26 novel risk loci. , 2019, , .		0
43	Abstract 1588: Germline variation in DNA repair genes and risk of Barrett's esophagus and esophageal adenocarcinoma. , 2019, , .		0
44	Polyunsaturated fatty acids and risk of melanoma: A Mendelian randomisation analysis. <i>International Journal of Cancer</i> , 2018, 143, 508-514.	2.3	18
45	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , 2018, 27, 1486-1496.	1.4	111
46	Analysis combining correlated glaucoma traits identifies five new risk loci for open-angle glaucoma. <i>Scientific Reports</i> , 2018, 8, 3124.	1.6	33
47	Determining Risk of Barrett's Esophagus and Esophageal Adenocarcinoma Based on Epidemiologic Factors and Genetic Variants. <i>Gastroenterology</i> , 2018, 154, 1273-1281.e3.	0.6	67
48	Assessment of moderate coffee consumption and risk of epithelial ovarian cancer: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2018, 47, 450-459.	0.9	15
49	Height and overall cancer risk and mortality: evidence from a Mendelian randomisation study on 310,000 UK Biobank participants. <i>British Journal of Cancer</i> , 2018, 118, 1262-1267.	2.9	46
50	Understanding the role of bitter taste perception in coffee, tea and alcohol consumption through Mendelian randomization. <i>Scientific Reports</i> , 2018, 8, 16414.	1.6	36
51	Bivariate genome-wide association analysis strengthens the role of bitter receptor clusters on chromosomes 7 and 12 in human bitter taste. <i>BMC Genomics</i> , 2018, 19, 678.	1.2	16
52	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018, 50, 834-848.	9.4	239
53	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. <i>Nature Communications</i> , 2018, 9, 1864.	5.8	63
54	Genome-wide association study of intraocular pressure uncovers new pathways to glaucoma. <i>Nature Genetics</i> , 2018, 50, 1067-1071.	9.4	152

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55	Vitamin D and overall cancer risk and cancer mortality: a Mendelian randomization study. <i>Human Molecular Genetics</i> , 2018, 27, 4315-4322.	1.4	49
56	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets. , 2018, 59, 629.		14
57	Genomic locus modulating corneal thickness in the mouse identifies POU6F2 as a potential risk of developing glaucoma. <i>PLoS Genetics</i> , 2018, 14, e1007145.	1.5	31
58	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, ddw399.	1.4	120
59	Haplotype reference consortium panel: Practical implications of imputations with large reference panels. <i>Human Mutation</i> , 2017, 38, 1025-1032.	1.1	43
60	Germline variation in inflammation-related pathways and risk of Barrett's oesophagus and oesophageal adenocarcinoma. <i>Gut</i> , 2017, 66, 1739-1747.	6.1	38
61	Association of vitamin D levels and risk of ovarian cancer: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2016, 45, 1619-1630.	0.9	111
62	Sweet Taste Perception is Associated with Body Mass Index at the Phenotypic and Genotypic Level. <i>Twin Research and Human Genetics</i> , 2016, 19, 465-471.	0.3	13
63	Genome-wide association studies in oesophageal adenocarcinoma and Barrett's oesophagus: a large-scale meta-analysis. <i>Lancet Oncology</i> , The, 2016, 17, 1363-1373.	5.1	133
64	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.	5.8	104
65	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.	1.6	80
66	Chronic gastroesophageal reflux disease shares genetic background with esophageal adenocarcinoma and Barrett's esophagus. <i>Human Molecular Genetics</i> , 2016, 25, 828-835.	1.4	31
67	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.	9.4	211
68	Potential Modifying Loci Associated With Primary Lens Luxation, Pedal Hyperkeratosis, and Ocular Phenotypes in Miniature Bull Terriers. , 2015, 56, 8288.		1
69	Accurate Imputation-Based Screening of Gln368Ter Myocilin Variant in Primary Open-Angle Glaucoma. , 2015, 56, 5087.		17
70	A common variant near TGFBR3 is associated with primary open angle glaucoma. <i>Human Molecular Genetics</i> , 2015, 24, 3880-3892.	1.4	105
71	ARHGEF12 influences the risk of glaucoma by increasing intraocular pressure. <i>Human Molecular Genetics</i> , 2015, 24, 2689-2699.	1.4	79
72	Meta-analysis of Genome-Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. <i>Genetic Epidemiology</i> , 2015, 39, 207-216.	0.6	72

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73	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, 131-146.	1.8	24
74	Pleiotropic Analysis of Cancer Risk Loci on Esophageal Adenocarcinoma Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1801-1803.	1.1	7
75	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. <i>Nature Communications</i> , 2014, 5, 4883.	5.8	89
76	Common variants near ABCA1, AFAP1 and GMDS confer risk of primary open-angle glaucoma. <i>Nature Genetics</i> , 2014, 46, 1120-1125.	9.4	186
77	Atopic dermatitis in West Highland white terriers is associated with a 1.3-Mb region on CFA 17. <i>Immunogenetics</i> , 2012, 64, 209-217.	1.2	22
78	Primary Lens Luxation in Australian Tenterfield and Miniature Bull Terriers is Due to An Old ADAMTS17 Mutation and is an Additive Trait. <i>The Open Genomics Journal</i> , 2012, 5, 7-13.	0.5	3
79	PTPN22 polymorphisms may indicate a role for this gene in atopic dermatitis in West Highland white terriers. <i>BMC Research Notes</i> , 2011, 4, 571.	0.6	13
80	A Non-Synonymous Mutation in the Canine Pkd1 Gene Is Associated with Autosomal Dominant Polycystic Kidney Disease in Bull Terriers. <i>PLoS ONE</i> , 2011, 6, e22455.	1.1	14
81	AnADAMTS17Splice Donor Site Mutation in Dogs with Primary Lens Luxation. , 2010, 51, 4716.		55
82	eQTL set-based association analysis identifies novel susceptibility loci for Barrett's esophagus and esophageal adenocarcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 0, , .	1.1	1