

# Kari E Branham

## List of Publications by Year in descending order

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86  
papers

9,710  
citations

147726

31  
h-index

88593

70  
g-index

90  
all docs

90  
docs citations

90  
times ranked

19421  
citing authors

#	ARTICLE	IF	CITATIONS
1	A reference panel of 64,976 haplotypes for genotype imputation. <i>Nature Genetics</i> , 2016, 48, 1279-1283.	9.4	2,421
2	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.	9.4	1,167
3	Seven new loci associated with age-related macular degeneration. <i>Nature Genetics</i> , 2013, 45, 433-439.	9.4	687
4	Genetic variants near <i>TIMP3</i> and high-density lipoprotein-associated loci influence susceptibility to age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7401-7406.	3.3	475
5	A variant of mitochondrial protein LOC387715/ARMS2, not HTRA1, is strongly associated with age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16227-16232.	3.3	398
6	Strong Association of the Y402H Variant in Complement Factor H at 1q32 with Susceptibility to Age-Related Macular Degeneration. <i>American Journal of Human Genetics</i> , 2005, 77, 149-153.	2.6	327
7	CFH haplotypes without the Y402H coding variant show strong association with susceptibility to age-related macular degeneration. <i>Nature Genetics</i> , 2006, 38, 1049-1054.	9.4	318
8	Next-generation genetic testing for retinitis pigmentosa. <i>Human Mutation</i> , 2012, 33, 963-972.	1.1	258
9	E2-2 Protein and Fuchs's Corneal Dystrophy. <i>New England Journal of Medicine</i> , 2010, 363, 1016-1024.	13.9	247
10	High-Resolution Imaging with Adaptive Optics in Patients with Inherited Retinal Degeneration. , 2007, 48, 3283.		241
11	Next generation sequencing-based molecular diagnosis of retinitis pigmentosa: identification of a novel genotype-phenotype correlation and clinical refinements. <i>Human Genetics</i> , 2014, 133, 331-345.	1.8	204
12	Toll-like receptor 4 variant D299G is associated with susceptibility to age-related macular degeneration. <i>Human Molecular Genetics</i> , 2005, 14, 1449-1455.	1.4	177
13	Identification of a rare coding variant in complement 3 associated with age-related macular degeneration. <i>Nature Genetics</i> , 2013, 45, 1375-1379.	9.4	158
14	Age-Related Macular Degeneration: A High-Resolution Genome Scan for Susceptibility Loci in a Population Enriched for Late-Stage Disease. <i>American Journal of Human Genetics</i> , 2004, 74, 482-494.	2.6	157
15	Biomarkers of Cardiovascular Disease as Risk Factors for Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2005, 112, 2076-2080.	2.5	143
16	Ancestry estimation and control of population stratification for sequence-based association studies. <i>Nature Genetics</i> , 2014, 46, 409-415.	9.4	136
17	Association of Apolipoprotein E Alleles with Susceptibility to Age-Related Macular Degeneration in a Large Cohort from a Single Center. <i>Investigative Ophthalmology and Visual Science</i> , 2004, 45, 1306-1310.	3.3	129
18	Mutations in the X-Linked Retinitis Pigmentosa Genes <i>RPGR</i> and <i>RP2</i> Found in 8.5% of Families with a Provisional Diagnosis of Autosomal Dominant Retinitis Pigmentosa. , 2013, 54, 1411.		113

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19	Premature Truncation of a Novel Protein, RD3, Exhibiting Subnuclear Localization Is Associated with Retinal Degeneration. <i>American Journal of Human Genetics</i> , 2006, 79, 1059-1070.	2.6	112
20	Mutations in <i>RPGR</i> and <i>RP2</i> Account for 15% of Males with Simplex Retinal Degenerative Disease. , 2012, 53, 8232.		108
21	Inner Retinal Abnormalities in X-linked Retinitis Pigmentosa with <i>RPGR</i> Mutations. , 2007, 48, 4759.		107
22	Genome-wide association study and meta-analysis of intraocular pressure. <i>Human Genetics</i> , 2014, 133, 41-57.	1.8	93
23	Complement Factor D in Age-Related Macular Degeneration. , 2011, 52, 8828.		92
24	Advancing Therapeutic Strategies for Inherited Retinal Degeneration: Recommendations From the Monaciano Symposium. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 918-931.	3.3	92
25	Mutations in a BTB-Kelch Protein, <i>KLHL7</i> , Cause Autosomal-Dominant Retinitis Pigmentosa. <i>American Journal of Human Genetics</i> , 2009, 84, 792-800.	2.6	89
26	Toll-like Receptor Polymorphisms and Age-Related Macular Degeneration. , 2008, 49, 1652.		79
27	Complement factor H genetic variant and age-related macular degeneration: effect size, modifiers and relationship to disease subtype. <i>International Journal of Epidemiology</i> , 2012, 41, 250-262.	0.9	79
28	Differential DNA methylation identified in the blood and retina of AMD patients. <i>Epigenetics</i> , 2015, 10, 698-707.	1.3	62
29	Advancing Clinical Trials for Inherited Retinal Diseases: Recommendations from the Second Monaciano Symposium. <i>Translational Vision Science and Technology</i> , 2020, 9, 2.	1.1	56
30	Loss of lysophosphatidylcholine acyltransferase 1 leads to photoreceptor degeneration in <i>rd11</i> mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15523-15528.	3.3	55
31	Expression of Thyrotropin Receptor, Thyroglobulin, Sodium-Iodide Symporter, and Thyroperoxidase by Fibrocytes Depends on AIRE. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1236-E1244.	1.8	52
32	Rare and common variants in extracellular matrix gene Fibrillin 2 ( <i>FBN2</i> ) are associated with macular degeneration. <i>Human Molecular Genetics</i> , 2014, 23, 5827-5837.	1.4	52
33	Hypomethylation of the <i>IL17RC</i> Promoter in Peripheral Blood Leukocytes Is Not A Hallmark of Age-Related Macular Degeneration. <i>Cell Reports</i> , 2013, 5, 1527-1535.	2.9	42
34	Clinical Phenotypes and Prognostic Full-Field Electroretinographic Findings in Stargardt Disease. <i>American Journal of Ophthalmology</i> , 2013, 155, 465-473.e3.	1.7	39
35	Worldwide Argus II implantation: recommendations to optimize patient outcomes. <i>BMC Ophthalmology</i> , 2016, 16, 52.	0.6	39
36	Diagnostic Fundus Autofluorescence Patterns in Achromatopsia. <i>American Journal of Ophthalmology</i> , 2013, 156, 1211-1219.e2.	1.7	38

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37	Molecular Testing for Hereditary Retinal Disease as Part of Clinical Care. <i>JAMA Ophthalmology</i> , 2007, 125, 252.	2.6	37
38	Screening of a Large Cohort of Leber Congenital Amaurosis and Retinitis Pigmentosa Patients Identifies Novel <i>LCA5</i> Mutations and New Genotype-Phenotype Correlations. <i>Human Mutation</i> , 2013, 34, 1537-1546.	1.1	32
39	Phenotypic Conservation in Patients With X-Linked Retinitis Pigmentosa Caused by <i>RPGR</i> Mutations. <i>JAMA Ophthalmology</i> , 2013, 131, 1016.	1.4	31
40	A Novel Dominant Mutation in <i>SAG</i> , the Arrestin-1 Gene, Is a Common Cause of Retinitis Pigmentosa in Hispanic Families in the Southwestern United States. , 2017, 58, 2774.		31
41	Establishing the involvement of the novel gene <i>AGBL5</i> in retinitis pigmentosa by whole genome sequencing. <i>Physiological Genomics</i> , 2016, 48, 922-927.	1.0	29
42	Prevalence of Antiretinal Antibodies in Acute Zonal Occult Outer Retinopathy: A Comprehensive Review of 25 Cases. <i>American Journal of Ophthalmology</i> , 2017, 176, 210-218.	1.7	29
43	Association of Smoking, Alcohol Consumption, Blood Pressure, Body Mass Index, and Glycemic Risk Factors With Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2021, 139, 1299.	1.4	29
44	Long-term follow-up of a family with dominant X-linked retinitis pigmentosa. <i>Eye</i> , 2010, 24, 764-774.	1.1	27
45	Contribution of noncoding pathogenic variants to <i>RPGRI1</i> -mediated inherited retinal degeneration. <i>Genetics in Medicine</i> , 2019, 21, 694-704.	1.1	27
46	Real-world outcomes of voretigene neparvovec treatment in pediatric patients with RPE65-associated Leber congenital amaurosis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 1543-1550.	1.0	27
47	Deep intronic variants in <i>CNGB3</i> cause achromatopsia by pseudoexon activation. <i>Human Mutation</i> , 2020, 41, 255-264.	1.1	26
48	Family-based exome sequencing identifies rare coding variants in age-related macular degeneration. <i>Human Molecular Genetics</i> , 2020, 29, 2022-2034.	1.4	26
49	Peripapillary Dark Choroid Ring as a Helpful Diagnostic Sign in Advanced Stargardt Disease. <i>American Journal of Ophthalmology</i> , 2010, 149, 656-660.e2.	1.7	25
50	Genetic analysis of 10 pedigrees with inherited retinal degeneration by exome sequencing and phenotype-genotype association. <i>Physiological Genomics</i> , 2017, 49, 216-229.	1.0	23
51	Surgical outcomes of Glaucoma associated with Axenfeld-Rieger syndrome. <i>BMC Ophthalmology</i> , 2020, 20, 172.	0.6	21
52	Mutations in the small nuclear riboprotein 200 kDa gene ( <i>SNRNP200</i> ) cause 1.6% of autosomal dominant retinitis pigmentosa. <i>Molecular Vision</i> , 2013, 19, 2407-17.	1.1	20
53	Mutations in the gene <i>PDE6C</i> encoding the catalytic subunit of the cone photoreceptor phosphodiesterase in patients with achromatopsia. <i>Human Mutation</i> , 2018, 39, 1366-1371.	1.1	18
54	Expansion of Severely Constricted Visual Field Using Google Glass. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2016, 47, 486-489.	0.4	16

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55	Establishing baseline rod electroretinogram values in achromatopsia and cone dystrophy. <i>Documenta Ophthalmologica</i> , 2012, 125, 229-233.	1.0	13
56	<i>C2orf71</i> Mutations as a Frequent Cause of Autosomal-Recessive Retinitis Pigmentosa: Clinical Analysis and Presentation of 8 Novel Mutations. , 2017, 58, 3840.		13
57	Deciphering the genetic architecture and ethnographic distribution of IRD in three ethnic populations by whole genome sequence analysis. <i>PLoS Genetics</i> , 2021, 17, e1009848.	1.5	13
58	Providing comprehensive genetic-based ophthalmic care. <i>Clinical Genetics</i> , 2013, 84, 183-189.	1.0	12
59	Peripheral Visual Fields in ABCA4 Stargardt Disease and Correlation With Disease Extent on Ultra-widefield Fundus Autofluorescence. <i>American Journal of Ophthalmology</i> , 2017, 184, 181-188.	1.7	12
60	Peripheral Pigmented Retinal Lesions in Stargardt Disease. <i>American Journal of Ophthalmology</i> , 2018, 188, 104-110.	1.7	12
61	IFT88 mutations identified in individuals with non-syndromic recessive retinal degeneration result in abnormal ciliogenesis. <i>Human Genetics</i> , 2018, 137, 447-458.	1.8	11
62	Characterization of the Spectrum of Ophthalmic Changes in Patients With Alagille Syndrome. , 2021, 62, 27.		11
63	Genetic testing for inherited retinal degenerations: Triumphs and tribulations. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2020, 184, 571-577.	0.7	10
64	Tissue-specific genotype-phenotype correlations among <i>USH2A</i> -related disorders in the RUSH2A study. <i>Human Mutation</i> , 2022, 43, 613-624.	1.1	10
65	Cystoid macular changes on optical coherence tomography in a patient with maternally inherited diabetes and deafness (MIDD)-associated macular dystrophy. <i>Ophthalmic Genetics</i> , 2017, 38, 467-472.	0.5	9
66	Multimodal Imaging in Wagner Syndrome. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2016, 47, 574-579.	0.4	9
67	Reliability of kinetic visual field testing in children with mutation-proven retinal dystrophies: Implications for therapeutic clinical trials. <i>Ophthalmic Genetics</i> , 2018, 39, 22-28.	0.5	8
68	Comprehensive variant spectrum of the <i>CNGA3</i> gene in patients affected by achromatopsia. <i>Human Mutation</i> , 2022, 43, 832-858.	1.1	8
69	Molecular Findings in Families with an Initial Diagnose of Autosomal Dominant Retinitis Pigmentosa (adRP). <i>Advances in Experimental Medicine and Biology</i> , 2018, 1074, 237-245.	0.8	7
70	Association of No-Cost Genetic Testing Program Implementation and Patient Characteristics With Access to Genetic Testing for Inherited Retinal Degenerations. <i>JAMA Ophthalmology</i> , 2021, 139, 449.	1.4	6
71	The Ophthalmic Experience: Unanticipated Primary Findings in the Era of Next Generation Sequencing. <i>Journal of Genetic Counseling</i> , 2014, 23, 588-593.	0.9	5
72	Retinal Phenotype of an X-Linked Pseudo-usher Syndrome in Association with the G173R Mutation in the <i>RPGR</i> Gene. <i>Advances in Experimental Medicine and Biology</i> , 2008, 613, 221-227.	0.8	4

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73	SAG. , 2018, , 251-251.		3
74	Identification of Novel Deletions as the Underlying Cause of Retinal Degeneration in Two Pedigrees. Advances in Experimental Medicine and Biology, 2018, 1074, 229-236.	0.8	2
75	Double hyperautofluorescent ring on fundus autofluorescence in <i>ABCA4</i>. Ophthalmic Genetics, 2018, 39, 87-91.	0.5	2
76	Clinical trial design for neuroprotection in RHO autosomal dominant retinitis pigmentosa; outcome measure considerations. Ophthalmic Genetics, 2021, 42, 170-177.	0.5	2
77	The landscape of submicroscopic structural variants at the <i>OPN1LW/OPN1MW</i> gene cluster on Xq28 underlying blue cone monochromacy. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	2
78	RPGR. , 2018, , 237-242.		1
79	A novel think tank program to promote innovation and strategic planning in ophthalmic surgery. Perioperative Care and Operating Room Management, 2021, 22, 100147.	0.2	1
80	ABCA4. , 2018, , 1-5.		0
81	CLN3. , 2018, , 59-60.		0
82	CNGA3. , 2018, , 65-66.		0
83	CNGB3. , 2018, , 71-74.		0
84	KLHL7. , 2018, , 129-131.		0
85	RP2. , 2018, , 229-231.		0
86	Adherence and satisfaction in Argus II prosthesis users: a self determination theory model. Ophthalmic Genetics, 2022, 43, 462-469.	0.5	0