Ivana K Kim

List of Publications by Citations

131 papers	5,626 citations	42 h-index	73 g-index
145 ext. papers	6,754 ext. citations	5.2 avg, IF	5.25 L-index

#	Paper	IF	Citations
131	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
130	Seven new loci associated with age-related macular degeneration. *Nature Genetics*, **2013**, 45, 433-9, 439e1-2	36.3	577
129	Genetic variants near TIMP3 and high-density lipoprotein-associated loci influence susceptibility to age-related macular degeneration. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 7401-6	11.5	417
128	Germline BAP1 inactivation is preferentially associated with metastatic ocular melanoma and cutaneous-ocular melanoma families. *PLoS ONE*, **2012**, 7, e35295	3.7	190
127	Conversion to aflibercept for chronic refractory or recurrent neovascular age-related macular degeneration. *American Journal of Ophthalmology*, **2013**, 156, 29-35.e2	4.9	146
126	Identification of a rare coding variant in complement 3 associated with age-related macular degeneration. *Nature Genetics*, **2013**, 45, 1375-9	36.3	130
125	Pharmacogenetics for genes associated with age-related macular degeneration in the Comparison of AMD Treatments Trials (CATT). *Ophthalmology*, **2013**, 120, 593-599	7.3	123
124	Pseudophakic cystoid macular edema. *Current Opinion in Ophthalmology*, **2012**, 23, 26-32	5.1	118
123	Cigarette smoking, CFH, APOE, ELOVL4, and risk of neovascular age-related macular degeneration. *JAMA Ophthalmology*, **2007**, 125, 49-54		103
122	Comprehensive Study of the Clinical Phenotype of Germline BAP1 Variant-Carrying Families Worldwide. *Journal of the National Cancer Institute*, **2018**, 110, 1328-1341	9.7	97
121	CFH and ARMS2 genetic polymorphisms predict response to antioxidants and zinc in patients with age-related macular degeneration. *Ophthalmology*, **2013**, 120, 2317-23	7.3	95
120	DNA sequence variants in the LOXL1 gene are associated with pseudoexfoliation glaucoma in a U.S. clinic-based population with broad ethnic diversity. *BMC Medical Genetics*, **2008**, 9, 5	2.1	91
119	Clinical Characteristics of Uveal Melanoma in Patients With Germline BAP1 Mutations. *JAMA Ophthalmology*, **2015**, 133, 881-7	3.9	83
118	Age-Related Macular Degeneration: Advances in Management and Diagnosis. *Journal of Clinical Medicine*, **2015**, 4, 343-59	5.1	83
117	Safety and efficacy of intravitreal injection of ranibizumab in combination with verteporfin PDT on experimental choroidal neovascularization in the monkey. *JAMA Ophthalmology*, **2005**, 123, 509-16		83
116	Alleles in the HtrA serine peptidase 1 gene alter the risk of neovascular age-related macular degeneration. *Ophthalmology*, **2008**, 115, 1209-1215.e7	7.3	80
115	Regression of Some High-risk Features of Age-related Macular Degeneration (AMD) in Patients Receiving Intensive Statin Treatment. *EBioMedicine*, **2016**, 5, 198-203	8.8	79

114	Diagnostic sensitivity and specificity of dark adaptometry for detection of age-related macular degeneration **2014**, 55, 1427-31		79
113	Successful treatment of Fusarium endophthalmitis with voriconazole and Aspergillus endophthalmitis with voriconazole plus caspofungin. *American Journal of Ophthalmology*, **2005**, 140, 552-4	4.9	79
112	Progression of Geographic Atrophy in Age-related Macular Degeneration: AREDS2 Report Number 16. *Ophthalmology*, **2018**, 125, 1913-1928	7.3	71
111	Inhibition of choroidal neovascularization in a nonhuman primate model by intravitreal administration of an AAV2 vector expressing a novel anti-VEGF molecule. *Molecular Therapy*, **2011**, 19, 260-5	11.7	70
110	In vivo evaluation of laser-induced choroidal neovascularization using spectral-domain optical coherence tomography **2011**, 52, 3880-7		69
109	Genetics of age-related macular degeneration: current concepts, future directions. *Seminars in Ophthalmology*, **2011**, 26, 77-93	2.4	65
108	Cell surface expression and functional significance of adhesion molecules on human myeloma-derived cell lines. *British Journal of Haematology*, **1994**, 87, 483-93	4.5	60
107	Endogenous endostatin inhibits choroidal neovascularization. *FASEB Journal*, **2007**, 21, 3809-18	0.9	56
106	Risk of Inflammation, Retinal Vasculitis, and Retinal Occlusion-Related Events with Brolucizumab: Post Hoc Review of HAWK and HARRIER. *Ophthalmology*, **2021**, 128, 1050-1059	7.3	55
105	Genetics of age-related macular degeneration (AMD). *Human Molecular Genetics*, **2017**, 26, R45-R50	5.6	53
104	Diabetic Choroidopathy: Choroidal Vascular Density and Volume in Diabetic Retinopathy With Swept-Source Optical Coherence Tomography. *American Journal of Ophthalmology*, **2017**, 184, 75-83	4.9	51
103	Systems biology-based analysis implicates a novel role for vitamin D metabolism in the pathogenesis of age-related macular degeneration. *Human Genomics*, **2011**, 5, 538-68	6.8	50
102	Increased choroidal neovascularization following laser induction in mice lacking lysyl oxidase-like 1. *Investigative Ophthalmology and Visual Science*, **2008**, 49, 2599-605		49
101	The NEI/NCBI dbGAP database: genotypes and haplotypes that may specifically predispose to risk of neovascular age-related macular degeneration. *BMC Medical Genetics*, **2008**, 9, 51	2.1	49
100	Long-term Follow-up and Outcomes in Traumatic Macular Holes. *American Journal of Ophthalmology*, **2015**, 160, 1255-1258.e1	4.9	48
99	Survival in patients with presymptomatic diagnosis of metastatic uveal melanoma. *JAMA Ophthalmology*, **2010**, 128, 871-5		48
98	Comprehensive analysis of complement factor H and LOC387715/ARMS2/HTRA1 variants with respect to phenotype in advanced age-related macular degeneration. *American Journal of Ophthalmology*, **2009**, 148, 869-74	4.9	48
97	CHOROIDAL THICKNESS IN DIABETIC RETINOPATHY ASSESSED WITH SWEPT-SOURCE OPTICAL COHERENCE TOMOGRAPHY. *Retina*, **2018**, 38, 173-182	3.6	46

96	Survival Rates in Patients After Treatment for Metastasis From Uveal Melanoma. *JAMA Ophthalmology*, **2018**, 136, 981-986	3.9	46
95	Epidemiology and management of uveal melanoma. *Hematology/Oncology Clinics of North America*, **2012**, 26, 1169-84	3.1	46
94	Effect of intravitreal injection of ranibizumab in combination with verteporfin PDT on normal primate retina and choroid. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 357-63		45
93	Clinical characteristics and current treatment of age-related macular degeneration. *Cold Spring Harbor Perspectives in Medicine*, **2014**, 5, a017178	5.4	44
92	Ranibizumab for choroidal neovascularization secondary to causes other than age-related macular degeneration: a phase I clinical trial. *Ophthalmology*, **2011**, 118, 111-8	7.3	43
91	Human Plasma Metabolomics Study across All Stages of Age-Related Macular Degeneration Identifies Potential Lipid Biomarkers. *Ophthalmology*, **2018**, 125, 245-254	7.3	42
90	Natural history of radiation papillopathy after proton beam irradiation of parapapillary melanoma. *Ophthalmology*, **2010**, 117, 1617-22	7.3	42
89	Structural Changes Associated with Delayed Dark Adaptation in Age-Related Macular Degeneration. *Ophthalmology*, **2017**, 124, 1340-1352	7.3	41
88	Long-term Risk of Melanoma-Related Mortality for Patients With Uveal Melanoma Treated With Proton Beam Therapy. *JAMA Ophthalmology*, **2015**, 133, 792-6	3.9	38
87	High throughput mass spectrometry-based mutation profiling of primary uveal melanoma **2012**, 53, 6991-6		38
86	Convergence of linkage, gene expression and association data demonstrates the influence of the RAR-related orphan receptor alpha (RORA) gene on neovascular AMD: a systems biology based approach. *Vision Research*, **2010**, 50, 698-715	2.1	37
85	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
84	Proton irradiation for peripapillary and parapapillary melanomas. *JAMA Ophthalmology*, **2011**, 129, 1127-30		32
83	Proton beam irradiation using a light-field technique for the treatment of choroidal hemangiomas. *Ophthalmologica*, **2010**, 224, 209-16	3.7	32
82	Human plasma metabolomics in age-related macular degeneration (AMD) using nuclear magnetic resonance spectroscopy. *PLoS ONE*, **2017**, 12, e0177749	3.7	32
81	Characterization of azurocidin as a permeability factor in the retina: involvement in VEGF-induced and early diabetic blood-retinal barrier breakdown. *Investigative Ophthalmology and Visual Science*, **2008**, 49, 726-31		30
80	Long-term Outcomes After Proton Beam Irradiation in Patients With Large Choroidal Melanomas. *JAMA Ophthalmology*, **2017**, 135, 1191-1196	3.9	29
79	Comprehensive analysis of CRP, CFH Y402H and environmental risk factors on risk of neovascular age-related macular degeneration. *Molecular Vision*, **2008**, 14, 1487-95	2.3	29

78	Ranibizumab for the Prevention of Radiation Complications in Patients Treated With Proton Beam Irradiation for Choroidal Melanoma. *Transactions of the American Ophthalmological Society*, **2016**, 114, T2		29
77	Management of dislocated lens material. *Seminars in Ophthalmology*, **2002**, 17, 162-6	2.4	27
76	Mechanisms in proliferative vitreoretinopathy. *Ophthalmology Clinics of North America*, **2002**, 15, 81-6		27
75	Utilizing targeted gene therapy with nanoparticles binding alpha v beta 3 for imaging and treating choroidal neovascularization. *PLoS ONE*, **2011**, 6, e18864	3.7	23
74	Choroidal Changes Associated With Subretinal Drusenoid Deposits in Age-related Macular Degeneration Using Swept-source Optical Coherence Tomography. *American Journal of Ophthalmology*, **2017**, 180, 55-63	4.9	22
73	Influence of ROBO1 and RORA on risk of age-related macular degeneration reveals genetically distinct phenotypes in disease pathophysiology. *PLoS ONE*, **2011**, 6, e25775	3.7	22
72	Systematic genomic and translational efficiency studies of uveal melanoma. *PLoS ONE*, **2017**, 12, e0178189	3.7	21
71	Posterior uveal melanoma in young patients treated with proton beam therapy. *Retina*, **2010**, 30, 1267-71	3.6	20
70	Natural History of Drusenoid Pigment Epithelial Detachment Associated with Age-Related Macular Degeneration: Age-Related Eye Disease Study 2 Report No. 17. *Ophthalmology*, **2019**, 126, 261-273	7.3	19
69	A review of advanced genetic testing for clinical prognostication in uveal melanoma. *Seminars in Ophthalmology*, **2013**, 28, 361-71	2.4	18
68	Age-related macular degeneration-associated silent polymorphisms in HtrA1 impair its ability to antagonize insulin-like growth factor 1. *Molecular and Cellular Biology*, **2013**, 33, 1976-90	4.8	17
67	Unilateral Eye Findings: A Rare Herald of Acute Leukemia. *Ocular Oncology and Pathology*, **2016**, 2, 166-70	1.6	17
66	Mortality after diagnosis of small melanocytic lesions of the choroid. *JAMA Ophthalmology*, **2010**, 128, 996-1000		16
65	Microperimetry in age-related macular degeneration: association with macular morphology assessed by optical coherence tomography. *British Journal of Ophthalmology*, **2019**, 103, 1769-1776	5.5	16
64	Automated Brightness and Contrast Adjustment of Color Fundus Photographs for the Grading of Age-Related Macular Degeneration. *Translational Vision Science and Technology*, **2017**, 6, 3	3.3	14
63	Visual Outcomes after Proton Beam Irradiation for Choroidal Melanomas Involving the Fovea. *Ophthalmology*, **2016**, 123, 369-377	7.3	14
62	FLT1 genetic variation predisposes to neovascular AMD in ethnically diverse populations and alters systemic FLT1 expression **2014**, 55, 3543-54		14
61	Photoreceptor protection after photodynamic therapy using dexamethasone in a rat model of choroidal neovascularization **2008**, 49, 5008-14		14

60	Second Primary Neoplasms in Patients With Uveal Melanoma: A SEER Database Analysis. *American Journal of Ophthalmology*, **2016**, 165, 54-64	4.9	14
59	Human Plasma Metabolomics in Age-Related Macular Degeneration: Meta-Analysis of Two Cohorts. *Metabolites*, **2019**, 9,	5.6	13
58	Treatment of Refractory Acute Retinal Necrosis with Intravenous Foscarnet or Cidofovir. *Ocular Immunology and Inflammation*, **2018**, 26, 199-203	2.8	12
57	The Utah Protocol for Postmortem Eye Phenotyping and Molecular Biochemical Analysis **2019**, 60, 1204-1212		11
56	Identifying subtypes of patients with neovascular age-related macular degeneration by genotypic and cardiovascular risk characteristics. *BMC Medical Genetics*, **2011**, 12, 83	2.1	11
55	Ocular melanocytoma. *International Ophthalmology Clinics*, **2009**, 49, 165-75	1.7	11
54	Intravitreous Cutaneous Metastatic Melanoma in the Era of Checkpoint Inhibition: Unmasking and Masquerading. *Ophthalmology*, **2020**, 127, 240-248	7.3	11
53	Characterization of Epiretinal Proliferation in Full-Thickness Macular Holes and Effects on Surgical Outcomes. *Ophthalmology Retina*, **2019**, 3, 694-702	3.8	10
52	HEALTH CONDITIONS LINKED TO AGE-RELATED MACULAR DEGENERATION ASSOCIATED WITH DARK ADAPTATION. *Retina*, **2018**, 38, 1145-1155	3.6	10
51	Outcomes of proton therapy for the treatment of uveal metastases. *International Journal of Radiation Oncology Biology Physics*, **2014**, 90, 1044-50	4	10
50	Melanocytoma of the optic nerve associated with sound-induced phosphenes. *JAMA Ophthalmology*, **2006**, 124, 273-7		10
49	Nonresponders to Ranibizumab Anti-VEGF Treatment Are Actually Short-term Responders: A Prospective Spectral-Domain OCT Study. *Ophthalmology Retina*, **2020**, 4, 1138-1145	3.8	10
48	Peripheral Changes Associated With Delayed Dark Adaptation in Age-related Macular Degeneration. *American Journal of Ophthalmology*, **2018**, 190, 113-124	4.9	8
47	Immunohistochemical investigations of adult intraocular medulloepitheliomas. *Clinical and Experimental Ophthalmology*, **2015**, 43, 379-85	2.4	8
46	Comparison of 20-gauge transconjunctival sutureless vitrectomy with conventional vitrectomy. *Retina*, **2010**, 30, 1496-504	3.6	7
45	Characteristics and Outcomes of Simultaneous Bilateral Rhegmatogenous Retinal Detachments. *Ophthalmic Surgery Lasers and Imaging Retina*, **2016**, 47, 840-5	1.4	7
44	Choroidal thickness and vascular density in macular telangiectasia type 2 using swept-source optical coherence tomography. *British Journal of Ophthalmology*, **2019**, 103, 1584-1589	5.5	7
43	Higher Intake of Polyunsaturated Fatty Acid and Monounsaturated Fatty Acid is Inversely Associated With AMD **2020**, 61, 20		6

42	A case of carotid aneurysm in familial retinal arterial tortuosity. *Korean Journal of Ophthalmology: KJO*, **2009**, 23, 57-8	1.2	6
41	Bone Morphogenetic Protein (BMP)4 But Not BMP2 Disrupts the Barrier Integrity of Retinal Pigment Epithelia and Induces Their Migration: A Potential Role in Neovascular Age-Related Macular Degeneration. *Journal of Clinical Medicine*, **2020**, 9,	5.1	6
40	Percentage of Foveal vs Total Macular Geographic Atrophy as a Predictor of Visual Acuity in Age-Related Macular Degeneration. *Journal of Vitreoretinal Diseases*, **2019**, 3, 278-282	0.7	6
39	Evaluation of choroidal lesions with swept-source optical coherence tomography. *British Journal of Ophthalmology*, **2019**, 103, 88-93	5.5	6
38	Urine Nuclear Magnetic Resonance (NMR) Metabolomics in Age-Related Macular Degeneration. *Journal of Proteome Research*, **2019**, 18, 1278-1288	5.6	5
37	Novel grid combined with peripheral distortion correction for ultra-widefield image grading of age-related macular degeneration. *Clinical Ophthalmology*, **2017**, 11, 1967-1974	2.5	5
36	Proton beam irradiation for non-AMD CNV: 2-year results of a randomised clinical trial. *British Journal of Ophthalmology*, **2014**, 98, 1212-7	5.5	5
35	Targeting the YAP/TAZ Pathway in Uveal and Conjunctival Melanoma With Verteporfin **2021**, 62, 3		5
34	Conservative management of suspicious melanocytic lesions of the iris. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2019**, 257, 1319-1324	3.8	4
33	Varicella Zoster Virus Necrotizing Retinitis in Two Patients with Idiopathic CD4 Lymphocytopenia. *Ocular Immunology and Inflammation*, **2016**, 24, 544-8	2.8	4
32	Ancestry of the Timorese: age-related macular degeneration associated genotype and allele sharing among human populations from throughout the world. *Frontiers in Genetics*, **2015**, 6, 238	4.5	4
31	Anti-vascular endothelial growth factor monotherapy versus combination treatment with photodynamic therapy for subfoveal choroidal neovascularization secondary to causes other than age-related macular degeneration. *Retina*, **2011**, 31, 2078-83	3.6	4
30	Hemorrhagic choroidal melanoma. *American Journal of Ophthalmology Case Reports*, **2018**, 10, 105-107	1.3	3
29	Aggressive skull base metastasis from uveal melanoma: a clinicopathologic study. *European Journal of Ophthalmology*, **2014**, 24, 811-3	1.9	3
28	Long-term Follow-up and Outcomes in Traumatic Macular Holes. *American Journal of Ophthalmology*, **2016**, 166, 206-207	4.9	2
27	Charged-Particle Irradiation of Uveal Melanoma **2013**, 2290-2297		2
26	Ultrasonographic biomicroscopy in lens-induced glaucoma. *JAMA Ophthalmology*, **2015**, 133, 112	3.9	2
25	Radiation therapy for neovascular age-related macular degeneration revisited. *British Journal of Ophthalmology*, **2009**, 93, 279-80	5.5	2

24	Proton beam irradiation of uveal melanoma involving the iris, ciliary body and anterior choroid without surgical localisation (light field). *British Journal of Ophthalmology*, **2020**,	5.5	2
23	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
22	Genetic Risk Factors for Radiation Vasculopathy **2018**, 59, 1547-1553		2
21	BASELINE PREDICTORS ASSOCIATED WITH 3-YEAR CHANGES IN DARK ADAPTATION IN AGE-RELATED MACULAR DEGENERATION. *Retina*, **2021**, 41, 2098-2105	3.6	2
20	Severe corneal ulcer with progression to endophthalmitis and high-grade bacteremia. *American Journal of Ophthalmology Case Reports*, **2017**, 6, 30-32	1.3	1
19	Uveal Melanoma: Proton Beam Radiation Therapy **2019**, 219-232		1
18	Author reply: To PMID 23972322. *Ophthalmology*, **2014**, 121, e39	7.3	1
17	Choroiditis and choroidal neovascularization in acute disseminated encephalomyelitis. *Retinal Cases and Brief Reports*, **2013**, 7, 89-90	1.1	1
16	Treatment of Aggressive Retinal Astrocytic Hamartoma with Oral mTOR Inhibition.. *Ophthalmology Retina*, **2022**,	3.8	1
15	A New Variant of Polypoidal Choroidal Vasculopathy With Annular Pigmentary Changes in Haitian Males. *Ophthalmic Surgery Lasers and Imaging Retina*, **2016**, 47, 381-6	1.4	1
14	Area under the dark adaptation curve as a reliable alternate measure of dark adaptation response. *British Journal of Ophthalmology*, **2021**,	5.5	1
13	Current Management of Age-Related Macular Degeneration. *Advances in Experimental Medicine and Biology*, **2021**, 1256, 295-314	3.6	1
12	Long-term Risk of Melanoma-Related Mortality After Uveal Melanoma--Reply. *JAMA Ophthalmology*, **2016**, 134, 239-40	3.9	
11	Author response: additional considerations in the utility of dark adaptometry for the diagnosis of age-related macular degeneration **2014**, 55, 3149		
10	Diagnostic and therapeutic challenges. *Retina*, **2006**, 26, 818-22	3.6	
9	Radiation Retinopathy **2020**, 1-17		
8	Charged particle radiotherapy for ocular melanoma **2014**, 148-159		
7	Uveal Malignant Melanoma Management Options: Proton Beam Radiotherapy **2014**, 189-200		

List of Publications

6 Pharmacotherapy of Age-Related Macular Degeneration **2021**, 1-26

5 Charged Particle Irradiation of Uveal Melanomas **2021**, 1-24

4 Reply. *Ophthalmology*, **2018**, 125, e46-e47 7.3

3 Pharmacotherapy of Age-Related Macular Degeneration **2022**, 3619-3644

2 Charged Particle Irradiation of Uveal Melanomas **2022**, 7667-7690

1 Radiation Retinopathy **2022**, 3085-3102