

# Barbara Zangerl Dvm

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5970440/publications.pdf>

Version: 2024-02-01

72  
papers

1,487  
citations

471509

17  
h-index

414414

32  
g-index

72  
all docs

72  
docs citations

72  
times ranked

1195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identical mutation in a novel retinal gene causes progressive rodâ€cone degeneration in dogs and retinitis pigmentosa in humans. <i>Genomics</i> , 2006, 88, 551-563.	2.9	161
2	Distribution of dinucleotide microsatellites in the <i>Drosophila melanogaster</i> genome. <i>Molecular Biology and Evolution</i> , 1999, 16, 602-610.	8.9	119
3	Bestrophin Gene Mutations Cause Canine Multifocal Retinopathy: A Novel Animal Model for Best Disease. , 2007, 48, 1959.		108
4	Linkage disequilibrium mapping in domestic dog breeds narrows the progressive rodâ€cone degeneration interval and identifies ancestral disease-transmitting chromosome. <i>Genomics</i> , 2006, 88, 541-550.	2.9	67
5	Conservation of locus-specific microsatellite variability across species: a comparison of two <i>Drosophila</i> sibling species, <i>D. melanogaster</i> and <i>D. simulans</i> . <i>Molecular Biology and Evolution</i> , 1998, 15, 176-184.	8.9	62
6	Clinical model assisting with the collaborative care of glaucoma patients and suspects. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 308-319.	2.6	58
7	Removal of Microsatellite Interruptions by DNA Replication Slippage: Phylogenetic Evidence from <i>Drosophila</i> . <i>Molecular Biology and Evolution</i> , 2000, 17, 1001-1009.	8.9	48
8	Recombinant AAV-Mediated BEST1 Transfer to the Retinal Pigment Epithelium: Analysis of Serotype-Dependent Retinal Effects. <i>PLoS ONE</i> , 2013, 8, e75666.	2.5	48
9	In Vivo Quantification of Retinal Changes Associated With Drusen in Age-Related Macular Degeneration. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 1689-1700.	3.3	40
10	Assessment of canine BEST1 variations identifies new mutations and establishes an independent bestrophinopathy model (cmr3). <i>Molecular Vision</i> , 2010, 16, 2791-804.	1.1	39
11	Pattern Recognition Analysis of Age-Related Retinal Ganglion Cell Signatures in the Human Eye. , 2017, 58, 3086.		34
12	Consistency of Structure-Function Correlation Between Spatially Scaled Visual Field Stimuli and In Vivo OCT Ganglion Cell Counts. , 2018, 59, 1693.		34
13	A comparison of Goldmann <sc>III</sc>, V and spatially equated test stimuli in visual field testing: the importance of complete and partial spatial summation. <i>Ophthalmic and Physiological Optics</i> , 2017, 37, 160-176.	2.0	33
14	Development of a Spatial Model of Age-Related Change in the Macular Ganglion Cell Layer to Predict Function From Structural Changes. <i>American Journal of Ophthalmology</i> , 2019, 208, 166-177.	3.3	33
15	Pattern Recognition Analysis Reveals Unique Contrast Sensitivity Isocontours Using Static Perimetry Thresholds Across the Visual Field. , 2017, 58, 4863.		32
16	Diurnal Intraocular Pressure Fluctuations with Self-tonometry in Glaucoma Patients and Suspects: A Clinical Trial. <i>Optometry and Vision Science</i> , 2018, 95, 88-95.	1.2	32
17	The Use of Imperfect Microsatellites for DNA Fingerprinting and Population Genetics. , 1999, , 153-165.		32
18	Molecular Consequences of<i>BEST1</i>Gene Mutations in Canine Multifocal Retinopathy Predict Functional Implications for Human Bestrophinopathies. , 2011, 52, 4497.		30

#	ARTICLE	IF	CITATIONS
19	Application of clinical techniques relevant for glaucoma assessment by optometrists: concordance with guidelines. <i>Ophthalmic and Physiological Optics</i> , 2014, 34, 580-591.	2.0	30
20	The usefulness of multimodal imaging for differentiating pseudopapilloedema and true swelling of the optic nerve head: a review and case series. <i>Australasian journal of optometry, The</i> , 2015, 98, 12-24.	1.3	28
21	Cloning of the canine ABCA4 gene and evaluation in canine cone-rod dystrophies and progressive retinal atrophies. <i>Molecular Vision</i> , 2004, 10, 223-32.	1.1	25
22	Anterior Chamber Angle Evaluation Using Gonioscopy: Consistency and Agreement between Optometrists and Ophthalmologists. <i>Optometry and Vision Science</i> , 2019, 96, 751-760.	1.2	22
23	Implementing collaborative care for glaucoma patients and suspects in Australia. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 826-828.	2.6	21
24	Familial cutaneous lupus erythematosus (CLE) in the German shorthaired pointer maps to CFA18, a canine orthologue to human CLE. <i>Immunogenetics</i> , 2011, 63, 197-207.	2.4	16
25	Advanced imaging for the diagnosis of age-related macular degeneration: a case vignettes study. <i>Australasian journal of optometry, The</i> , 2018, 101, 243-254.	1.3	16
26	Canine multifocal retinopathy in the Australian Shepherd: a case report. <i>Veterinary Ophthalmology</i> , 2012, 15, 134-138.	1.0	15
27	Influence of education and diagnostic modes on glaucoma assessment by optometrists. <i>Ophthalmic and Physiological Optics</i> , 2015, 35, 682-698.	2.0	15
28	Cluster analysis reveals patterns of age-related change in anterior chamber depth for gender and ethnicity: clinical implications. <i>Ophthalmic and Physiological Optics</i> , 2020, 40, 632-649.	2.0	15
29	Transcriptional Profile Analysis of <i>RPGR</i> ORF15 Frameshift Mutation Identifies Novel Genes Associated with Retinal Degeneration. , 2010, 51, 6038.		14
30	Impact of referral refinement on management of glaucoma suspects in Australia. <i>Australasian journal of optometry, The</i> , 2020, 103, 675-683.	1.3	14
31	Modelling normal age-related changes in individual retinal layers using location-specific OCT analysis. <i>Scientific Reports</i> , 2021, 11, 558.	3.3	14
32	Reconciling visual field defects and retinal nerve fibre layer asymmetric patterns in retrograde degeneration: an extended case series. <i>Australasian journal of optometry, The</i> , 2017, 100, 214-226.	1.3	13
33	Contrast sensitivity isocontours of the central visual field. <i>Scientific Reports</i> , 2019, 9, 11603.	3.3	13
34	Macula Ganglion Cell Thickness Changes Display Location-Specific Variation Patterns in Intermediate Age-Related Macular Degeneration. , 2020, 61, 2.		13
35	Therapeutic endorsement enhances compliance with national glaucoma guidelines in Australian and New Zealand optometrists. <i>Ophthalmic and Physiological Optics</i> , 2015, 35, 212-224.	2.0	12
36	Self-reported optometric practise patterns in age-related macular degeneration. <i>Australasian journal of optometry, The</i> , 2017, 100, 718-728.	1.3	11

#	ARTICLE	IF	CITATIONS
37	Glaucoma Community Care: Does Ongoing Shared Care Work?. International Journal of Integrated Care, 2020, 20, 5.	0.2	11
38	Cloning and characterization of the canine photoreceptor specific cone-rod homeobox (CRX) gene and evaluation as a candidate for early onset photoreceptor diseases in the dog. Molecular Vision, 2002, 8, 79-84.	1.1	11
39	Structural Organization and Expression Pattern of the Canine <i>RPGRIPI</i> Isoforms in Retinal Tissue. , 2011, 52, 2989.		10
40	Modeling Changes in Corneal Parameters With Age: Implications for Corneal Disease Detection. American Journal of Ophthalmology, 2020, 209, 117-131.	3.3	10
41	Development and Characterization of a Normalized Canine Retinal cDNA Library for Genomic and Expression Studies. , 2006, 47, 2632.		9
42	Cirrus HD-OCT Short-Term Repeatability of Clinical Retinal Nerve Fiber Layer Measurements. Optometry and Vision Science, 2015, 92, 83-88.	1.2	9
43	Progressive vascular remodelling, endothelial dysfunction and stiffness in mesenteric resistance arteries in a rodent model of chronic kidney disease. Vascular Pharmacology, 2016, 81, 42-52.	2.1	9
44	Independent Origin and Restricted Distribution of RPGR Deletions Causing XLPRA. Journal of Heredity, 2007, 98, 526-530.	2.4	8
45	The short-sighted perspective of long-term eye health-care. Australasian journal of optometry, The, 2014, 97, 565-567.	1.3	8
46	Custom extraction of macular ganglion cell-inner plexiform layer thickness more precisely co-localizes structural measurements with visual fields test grids. Scientific Reports, 2020, 10, 18527.	3.3	7
47	The impact of optic nerve and related characteristics on disc area measurements derived from different imaging techniques. PLoS ONE, 2018, 13, e0190273.	2.5	6
48	Virtual Reality Improves Clinical Assessment of the Optic Nerve. Frontiers in Virtual Reality, 2020, 1, .	3.7	6
49	Review of referrals reveal the impact of referral content on the triage and management of ophthalmology wait lists. BMJ Open, 2021, 11, e047246.	1.9	6
50	Characterization of gene expression profiles of normal canine retina and brain using a retinal cDNA microarray. Molecular Vision, 2006, 12, 1048-56.	1.1	6
51	Cloning of the canine delta tubulin cDNA (TUBD ) and mapping to CFA9. Animal Genetics, 2002, 33, 161-162.	1.7	5
52	Interocular asymmetry of the superonasal retinal nerve fibre layer thickness and blood vessel diameter in healthy subjects. PLoS ONE, 2019, 14, e0226728.	2.5	5
53	Quality of 2019 American optometric association clinical practice guideline for diabetic eye care. Ophthalmic and Physiological Optics, 2021, 41, 165-170.	2.0	5
54	Systematic review of diabetic eye disease practice guidelines: more applicability, transparency and development rigor are needed. Journal of Clinical Epidemiology, 2021, 140, 56-68.	5.0	5

#	ARTICLE	IF	CITATIONS
55	Modeling the Structural Consequences of BEST1 Missense Mutations. <i>Advances in Experimental Medicine and Biology</i> , 2012, 723, 611-618.	1.6	5
56	Characterization of Three Microsatellite Loci Linked to the Canine RP3 Interval. , 2002, 93, 70-73.		4
57	Evaluation of the initial implementation of a nationwide diabetic retinopathy screening programme in primary care: a multimethod study. <i>BMJ Open</i> , 2021, 11, e044805.	1.9	4
58	RPGRIPI and Coneâ€Rod Dystrophy in Dogs. <i>Advances in Experimental Medicine and Biology</i> , 2012, 723, 321-328.	1.6	4
59	Prediction of visual field defects from macular optical coherence tomography in glaucoma using cluster analysis. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 948-964.	2.0	4
60	Molecular cloning, characterization and mapping of the canine glucocorticoid receptor DNA binding factor 1 ( GRLF1 ). <i>Gene</i> , 2002, 294, 167-176.	2.2	3
61	Characterization of Gene Expression Profiles of Normal Canine Retina and Brain Using a Retinal cDNA Microarray. <i>Advances in Experimental Medicine and Biology</i> , 2008, 613, 179-184.	1.6	3
62	Ganglion cell-inner plexiform layer measurements derived from widefield compared to montaged 9-field optical coherence tomography. <i>Australasian journal of optometry, The</i> , 2022, 105, 822-830.	1.3	3
63	Identification of genetic variation and haplotype structure of the canine ABCA4 gene for retinal disease association studies. <i>Molecular Genetics and Genomics</i> , 2010, 284, 243-250.	2.1	2
64	Retinal Nerve Fiber Layer Protrusion Associated with Tilted Optic Discs. <i>Optometry and Vision Science</i> , 2018, 95, 239-246.	1.2	1
65	Quality of the Australian National Health and Medical Research Councilâ€™s clinical practice guidelines for the management of diabetic retinopathy. <i>Australasian journal of optometry, The</i> , 2021, 104, 1-7.	1.3	1
66	Repeatability of Heidelberg Retinal Tomography 3 and effect of alignment algorithm on glaucoma suspects. <i>Australasian journal of optometry, The</i> , 2017, 100, 41-48.	1.3	0
67	Authorsâ€™ reply. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 203-204.	2.0	0
68	The performance and confidence of clinicians in training in the analysis of ophthalmic images within a workâ€integrated teaching model. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 768-781.	2.0	0
69	Title is missing!. , 2019, 14, e0226728.		0
70	Title is missing!. , 2019, 14, e0226728.		0
71	Title is missing!. , 2019, 14, e0226728.		0
72	Title is missing!. , 2019, 14, e0226728.		0