

Barbara Zangerl Dvm

List of Publications by Year in descending order

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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	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
2	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
3	Quality of 2019 American optometric association clinical practice guideline for diabetic eye care. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 165-170.	2.0	5
4	Authors'™ reply. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 203-204.	2.0	0
5	Quality of the Australian National Health and Medical Research Council's™ clinical practice guidelines for the management of diabetic retinopathy. <i>Australasian journal of optometry, The</i> , 2021, 104, 1-7.	1.3	1
6	The performance and confidence of clinicians in training in the analysis of ophthalmic images within a work-integrated teaching model. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 768-781.	2.0	0
7	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
8	Review of referrals reveal the impact of referral content on the triage and management of ophthalmology wait lists. <i>BMJ Open</i> , 2021, 11, e047246.	1.9	6
9	Systematic review of diabetic eye disease practice guidelines: more applicability, transparency and development rigor are needed. <i>Journal of Clinical Epidemiology</i> , 2021, 140, 56-68.	5.0	5
10	Modelling normal age-related changes in individual retinal layers using location-specific OCT analysis. <i>Scientific Reports</i> , 2021, 11, 558.	3.3	14
11	Modeling Changes in Corneal Parameters With Age: Implications for Corneal Disease Detection. <i>American Journal of Ophthalmology</i> , 2020, 209, 117-131.	3.3	10
12	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
13	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
14	Virtual Reality Improves Clinical Assessment of the Optic Nerve. <i>Frontiers in Virtual Reality</i> , 2020, 1, .	3.7	6
15	Custom extraction of macular ganglion cell-inner plexiform layer thickness more precisely co-localizes structural measurements with visual fields test grids. <i>Scientific Reports</i> , 2020, 10, 18527.	3.3	7
16	Macula Ganglion Cell Thickness Changes Display Location-Specific Variation Patterns in Intermediate Age-Related Macular Degeneration. , 2020, 61, 2.		13
17	Glaucoma Community Care: Does Ongoing Shared Care Work?. <i>International Journal of Integrated Care</i> , 2020, 20, 5.	0.2	11
18	Contrast sensitivity isocontours of the central visual field. <i>Scientific Reports</i> , 2019, 9, 11603.	3.3	13

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19	Development of a Spatial Model of Age-Related Change in the Macular Ganglion Cell Layer to Predict Function From Structural Changes. American Journal of Ophthalmology, 2019, 208, 166-177.	3.3	33
20	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
21	Anterior Chamber Angle Evaluation Using Gonioscopy: Consistency and Agreement between Optometrists and Ophthalmologists. Optometry and Vision Science, 2019, 96, 751-760.	1.2	22
22	Title is missing!. , 2019, 14, e0226728.		0
23	Title is missing!. , 2019, 14, e0226728.		0
24	Title is missing!. , 2019, 14, e0226728.		0
25	Title is missing!. , 2019, 14, e0226728.		0
26	Implementing collaborative care for glaucoma patients and suspects in Australia. Clinical and Experimental Ophthalmology, 2018, 46, 826-828.	2.6	21
27	Diurnal Intraocular Pressure Fluctuations with Self-tonometry in Glaucoma Patients and Suspects: A Clinical Trial. Optometry and Vision Science, 2018, 95, 88-95.	1.2	32
28	Advanced imaging for the diagnosis of age-related macular degeneration: a case vignettes study. Australasian journal of optometry, The, 2018, 101, 243-254.	1.3	16
29	Consistency of Structure-Function Correlation Between Spatially Scaled Visual Field Stimuli and In Vivo OCT Ganglion Cell Counts. , 2018, 59, 1693.		34
30	Retinal Nerve Fiber Layer Protrusion Associated with Tilted Optic Discs. Optometry and Vision Science, 2018, 95, 239-246.	1.2	1
31	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
32	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. Ophthalmic and Physiological Optics, 2017, 37, 160-176.	2.0	33
33	Self-reported optometric practise patterns in age-related macular degeneration. Australasian journal of optometry, The, 2017, 100, 718-728.	1.3	11
34	Reconciling visual field defects and retinal nerve fibre layer asymmetric patterns in retrograde degeneration: an extended case series. Australasian journal of optometry, The, 2017, 100, 214-226.	1.3	13
35	Repeatability of Heidelberg Retinal Tomography 3 and effect of alignment algorithm on glaucoma suspects. Australasian journal of optometry, The, 2017, 100, 41-48.	1.3	0
36	Pattern Recognition Analysis Reveals Unique Contrast Sensitivity Isocontours Using Static Perimetry Thresholds Across the Visual Field. , 2017, 58, 4863.		32

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37	Pattern Recognition Analysis of Age-Related Retinal Ganglion Cell Signatures in the Human Eye. , 2017, 58, 3086.		34
38	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
39	Influence of education and diagnostic modes on glaucoma assessment by optometrists. Ophthalmic and Physiological Optics, 2015, 35, 682-698.	2.0	15
40	Clinical model assisting with the collaborative care of glaucoma patients and suspects. Clinical and Experimental Ophthalmology, 2015, 43, 308-319.	2.6	58
41	In Vivo Quantification of Retinal Changes Associated With Drusen in Age-Related Macular Degeneration. Investigative Ophthalmology and Visual Science, 2015, 56, 1689-1700.	3.3	40
42	The usefulness of multimodal imaging for differentiating pseudopapilloedema and true swelling of the optic nerve head: a review and case series. Australasian journal of optometry, The, 2015, 98, 12-24.	1.3	28
43	Cirrus HD-OCT Short-Term Repeatability of Clinical Retinal Nerve Fiber Layer Measurements. Optometry and Vision Science, 2015, 92, 83-88.	1.2	9
44	Therapeutic endorsement enhances compliance with national glaucoma guidelines in Australian and New Zealand optometrists. Ophthalmic and Physiological Optics, 2015, 35, 212-224.	2.0	12
45	The short-sighted perspective of long-term eye health-care. Australasian journal of optometry, The, 2014, 97, 565-567.	1.3	8
46	Application of clinical techniques relevant for glaucoma assessment by optometrists: concordance with guidelines. Ophthalmic and Physiological Optics, 2014, 34, 580-591.	2.0	30
47	Recombinant AAV-Mediated BEST1 Transfer to the Retinal Pigment Epithelium: Analysis of Serotype-Dependent Retinal Effects. PLoS ONE, 2013, 8, e75666.	2.5	48
48	Canine multifocal retinopathy in the Australian Shepherd: a case report. Veterinary Ophthalmology, 2012, 15, 134-138.	1.0	15
49	RPGRIP1 and Cone-Rod Dystrophy in Dogs. Advances in Experimental Medicine and Biology, 2012, 723, 321-328.	1.6	4
50	Modeling the Structural Consequences of BEST1 Missense Mutations. Advances in Experimental Medicine and Biology, 2012, 723, 611-618.	1.6	5
51	Molecular Consequences of BEST1 Gene Mutations in Canine Multifocal Retinopathy Predict Functional Implications for Human Bestrophinopathies. , 2011, 52, 4497.		30
52	Structural Organization and Expression Pattern of the Canine RPGRIP1 Isoforms in Retinal Tissue. , 2011, 52, 2989.		10
53	Familial cutaneous lupus erythematosus (CLE) in the German shorthaired pointer maps to CFA18, a canine orthologue to human CLE. Immunogenetics, 2011, 63, 197-207.	2.4	16
54	Identification of genetic variation and haplotype structure of the canine ABCA4 gene for retinal disease association studies. Molecular Genetics and Genomics, 2010, 284, 243-250.	2.1	2

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55	Transcriptional Profile Analysis of <i>RPGR</i> ORF15 Frameshift Mutation Identifies Novel Genes Associated with Retinal Degeneration. , 2010, 51, 6038.		14
56	Assessment of canine BEST1 variations identifies new mutations and establishes an independent bestrophinopathy model (cmr3). Molecular Vision, 2010, 16, 2791-804.	1.1	39
57	Characterization of Gene Expression Profiles of Normal Canine Retina and Brain Using a Retinal cDNA Microarray. Advances in Experimental Medicine and Biology, 2008, 613, 179-184.	1.6	3
58	Bestrophin Gene Mutations Cause Canine Multifocal Retinopathy: A Novel Animal Model for Best Disease. , 2007, 48, 1959.		108
59	Independent Origin and Restricted Distribution of RPGR Deletions Causing XLPR. Journal of Heredity, 2007, 98, 526-530.	2.4	8
60	Linkage disequilibrium mapping in domestic dog breeds narrows the progressive rod-cone degeneration interval and identifies ancestral disease-transmitting chromosome. Genomics, 2006, 88, 541-550.	2.9	67
61	Identical mutation in a novel retinal gene causes progressive rod-cone degeneration in dogs and retinitis pigmentosa in humans. Genomics, 2006, 88, 551-563.	2.9	161
62	Development and Characterization of a Normalized Canine Retinal cDNA Library for Genomic and Expression Studies. , 2006, 47, 2632.		9
63	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
64	Cloning of the canine ABCA4 gene and evaluation in canine cone-rod dystrophies and progressive retinal atrophies. Molecular Vision, 2004, 10, 223-32.	1.1	25
65	Characterization of Three Microsatellite Loci Linked to the Canine RP3 Interval. , 2002, 93, 70-73.		4
66	Molecular cloning, characterization and mapping of the canine glucocorticoid receptor DNA binding factor 1 (GRLF1). Gene, 2002, 294, 167-176.	2.2	3
67	Cloning of the canine delta tubulin cDNA (TUBD) and mapping to CFA9. Animal Genetics, 2002, 33, 161-162.	1.7	5
68	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
69	Removal of Microsatellite Interruptions by DNA Replication Slippage: Phylogenetic Evidence from Drosophila. Molecular Biology and Evolution, 2000, 17, 1001-1009.	8.9	48
70	Distribution of dinucleotide microsatellites in the Drosophila melanogaster genome. Molecular Biology and Evolution, 1999, 16, 602-610.	8.9	119
71	The Use of Imperfect Microsatellites for DNA Fingerprinting and Population Genetics. , 1999, , 153-165.		32
72	Conservation of locus-specific microsatellite variability across species: a comparison of two Drosophila sibling species, D. melanogaster and D. simulans. Molecular Biology and Evolution, 1998, 15, 176-184.	8.9	62