

# Andrew Kwok-Cheung Lam

## List of Publications by Year in descending order

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Version: 2024-02-01

94  
papers

2,256  
citations

236833

25  
h-index

243529

44  
g-index

96  
all docs

96  
docs citations

96  
times ranked

1909  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and haemodynamic properties of ocular vasculature in axial myopia. Australasian journal of optometry, The, 2022, 105, 247-262.	0.6	2
2	Hemodynamic and morphological changes of the central retinal artery in myopic eyes. Scientific Reports, 2022, 12, 7104.	1.6	4
3	Effect of caffeine on superficial retinal vasculature of the macula in high myopes using optical coherence tomography angiography – A pilot study. Journal of Optometry, 2022, , .	0.7	0
4	COVID-19: ensuring safe clinical teaching at university optometry schools. Ophthalmic and Physiological Optics, 2021, 41, 144-156.	1.0	10
5	Â. Ophthalmic and Physiological Optics, 2021, 41, 632-632.	1.0	0
6	Can deep learning improve the automatic segmentation of deep foveal avascular zone in optical coherence tomography angiography?. Biomedical Signal Processing and Control, 2021, 66, 102456.	3.5	12
7	Fixation stability and deviation in optical coherence tomography angiography using soft contact lens correction in myopes. Scientific Reports, 2021, 11, 11791.	1.6	0
8	Impact of Axial Eye Size on Retinal Microvasculature Density in the Macular Region. Journal of Clinical Medicine, 2020, 9, 2539.	1.0	21
9	In vivo measures of anterior scleral resistance in humans with rebound tonometry. Ophthalmic and Physiological Optics, 2020, 40, 472-481.	1.0	2
10	Comparison of Choroidal Thickness Measurements Using Semiautomated and Manual Segmentation Methods. Optometry and Vision Science, 2020, 97, 121-127.	0.6	10
11	Multiple scan averaging to yield accurate quantitative analysis of optical coherence tomography angiograms. Scientific Reports, 2020, 10, 6194.	1.6	6
12	Lower Tear Meniscus Height Measurements Using Keratography and Swept-Source Optical Coherence Tomography and Effect of Fluorescein Instillation Methods. Current Eye Research, 2019, 44, 1203-1208.	0.7	8
13	Association between long-term orthokeratology responses and corneal biomechanics. Scientific Reports, 2019, 9, 12566.	1.6	17
14	Automatic quantification of superficial foveal avascular zone in optical coherence tomography angiography implemented with deep learning. Visual Computing for Industry, Biomedicine, and Art, 2019, 2, 21.	2.2	32
15	Influence of Short-Term Orthokeratology to Corneal Tangent Modulus: A Randomized Study. Current Eye Research, 2018, 43, 474-481.	0.7	18
16	Comparison of Ocular Biomechanical Machine Learning Classifiers for Glaucoma Diagnosis. , 2018, , .		3
17	High myopes have lower normalised corneal tangent moduli (less –stiff–™ corneas) than low myopes. Ophthalmic and Physiological Optics, 2017, 37, 42-50.	1.0	28
18	In vivo measurement of regional corneal tangent modulus. Scientific Reports, 2017, 7, 14974.	1.6	9

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19	Fall risk in Chinese community-dwelling older adults: A physiological profile assessment study. <i>Geriatrics and Gerontology International</i> , 2016, 16, 259-265.	0.7	11
20	Diurnal Variation of Corneal Tangent Modulus in Normal Chinese. <i>Cornea</i> , 2016, 35, 1600-1604.	0.9	10
21	Ocular Aberrations and Corneal Shape in Adults with and without Astigmatism. <i>Optometry and Vision Science</i> , 2015, 92, 604-614.	0.6	13
22	Repeatability of a novel corneal indentation device for corneal biomechanical measurement. <i>Ophthalmic and Physiological Optics</i> , 2015, 35, 455-461.	1.0	25
23	Correction on the distortion of Scheimpflug imaging for dynamic central corneal thickness. <i>Journal of Biomedical Optics</i> , 2015, 20, 056006.	1.4	14
24	The Roles of Cornea and Axial Length in Corneal Hysteresis among Emmetropes and High Myopes: A Pilot Study. <i>Current Eye Research</i> , 2015, 40, 282-289.	0.7	25
25	Dynamic contour tonometry over silicone hydrogel contact lens. <i>Journal of Optometry</i> , 2014, 7, 91-99.	0.7	5
26	IOP variations from sitting to supine postures determined by rebound tonometer. <i>Journal of Optometry</i> , 2013, 6, 95-100.	0.7	10
27	Pentacam anterior chamber parameters in young and middle-aged Chinese. <i>Australasian journal of optometry, The</i> , 2013, 96, 85-91.	0.6	4
28	Improving Interobserver Variation in Corneal Sublayer Pachymetry Using ConfoScan4 With Z Ring. <i>Eye and Contact Lens</i> , 2013, 39, 214-219.	0.8	2
29	Corneal Shapes of Chinese Emmetropes and Myopic Astigmats Aged 10 to 45 Years. <i>Optometry and Vision Science</i> , 2013, 90, 1259-1266.	0.6	13
30	Corneal Deformation Measurement Using Scheimpflug Noncontact Tonometry. <i>Optometry and Vision Science</i> , 2013, 90, e1-e8.	0.6	197
31	Characteristics of Astigmatism as a Function of Age in a Hong Kong Clinical Population. <i>Optometry and Vision Science</i> , 2012, 89, 984-992.	0.6	58
32	Repeatability of corneal biomechanical measurements in children wearing spectacles and orthokeratology lenses. <i>Ophthalmic and Physiological Optics</i> , 2012, 32, 349-354.	1.0	7
33	Corneal volume measures for monitoring contact lens induced corneal swelling: a pilot study. <i>Australasian journal of optometry, The</i> , 2011, 94, 93-97.	0.6	14
34	Influence of corneal astigmatism, corneal curvature and meridional differences on corneal hysteresis and corneal resistance factor. <i>Australasian journal of optometry, The</i> , 2011, 94, 418-424.	0.6	9
35	Benefits of Matching Accommodative Demands to Vergence Demands in a Binocular Head-Mounted Display: A Study on Stereo Fusion Times. <i>Presence: Teleoperators and Virtual Environments</i> , 2011, 20, 545-558.	0.3	14
36	Corneal Sublayer Thickness Measurements with The Nidek ConfoScan 4 (Z Ring). <i>Optometry and Vision Science</i> , 2011, 88, E1240-E1244.	0.6	9

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37	The Usefulness of Waveform Score from the Ocular Response Analyzer. <i>Optometry and Vision Science</i> , 2010, 87, 195-199.	0.6	52
38	Retinal Nerve Fiber Layer Thickness in Normal Hong Kong Chinese Children Measured With Optical Coherence Tomography. <i>Journal of Glaucoma</i> , 2010, 19, 95-99.	0.8	73
39	Posterior corneal curvature change and recovery after 6 months of overnight orthokeratology treatment. <i>Ophthalmic and Physiological Optics</i> , 2010, 30, 274-280.	1.0	34
40	Effect of laser in situ keratomileusis on rebound tonometry and Goldmann applanation tonometry. <i>Journal of Cataract and Refractive Surgery</i> , 2010, 36, 631-636.	0.7	17
41	New applications in the corneal topography system. <i>Expert Review of Ophthalmology</i> , 2010, 5, 115-117.	0.3	0
42	Reliability and repeatability of the Pentacam on corneal curvatures. <i>Australasian journal of optometry, The</i> , 2009, 92, 110-118.	0.6	92
43	Intraobserver and interobserver variation of Hertel exophthalmometry. <i>Ophthalmic and Physiological Optics</i> , 2009, 29, 472-476.	1.0	33
44	A pilot study on the corneal biomechanical changes in short-term orthokeratology. <i>Ophthalmic and Physiological Optics</i> , 2009, 29, 464-471.	1.0	43
45	Repeatability of near visual acuity measurement at high and low contrast. <i>Australasian journal of optometry, The</i> , 2008, 91, 447-452.	0.6	11
46	The Influence of Corneal Properties on Rebound Tonometry. <i>Ophthalmology</i> , 2008, 115, 80-84.	2.5	141
47	Effect of Warm Compress Therapy From Hard-Boiled Eggs on Corneal Shape. <i>Cornea</i> , 2007, 26, 163-167.	0.9	25
48	Effect of Proparacaine on Central Corneal Thickness Values. <i>Cornea</i> , 2007, 26, 55-58.	0.9	27
49	Comparison of IOP Measurements Between ORA and GAT in Normal Chinese. <i>Optometry and Vision Science</i> , 2007, 84, 909-914.	0.6	77
50	Intrasession and intersession repeatability of the Pentacam system on posterior corneal assessment in the normal human eye. <i>Journal of Cataract and Refractive Surgery</i> , 2007, 33, 448-454.	0.7	135
51	Effect of ocular massage on intraocular pressure and corneal biomechanics. <i>Eye</i> , 2007, 21, 1245-1246.	1.1	12
52	The effect of mydriasis from phenylephrine on corneal shape. <i>Australasian journal of optometry, The</i> , 2007, 90, 44-48.	0.6	7
53	Pentacam pachometry: comparison with non-contact specular microscopy on the central cornea and intersession repeatability on the peripheral cornea. <i>Australasian journal of optometry, The</i> , 2007, 90, 108-114.	0.6	34
54	Technical Note: How many readings are required for an acceptable accuracy in pulsatile ocular blood flow assessment?. <i>Ophthalmic and Physiological Optics</i> , 2007, 27, 213-219.	1.0	5

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55	Comparison of near heterophoria tests under varying conditions on an adult sample. <i>Ophthalmic and Physiological Optics</i> , 2005, 25, 162-167.	1.0	9
56	The validity of a digital eyelid tonometer (TGDc-01) and its comparison with Goldmann applanation tonometry - a pilot study. <i>Ophthalmic and Physiological Optics</i> , 2005, 25, 205-210.	1.0	22
57	Should Orbscan pachometry be performed before or after Goldmann applanation tonometry?. <i>Ophthalmic and Physiological Optics</i> , 2005, 25, 441-445.	1.0	5
58	Pulsatile ocular blood flow in patients with asymmetric internal carotid artery stenosis. <i>Australasian journal of optometry, The</i> , 2005, 88, 382-386.	0.6	3
59	Effect of instrument rotation on handheld keratometry. <i>Journal of Cataract and Refractive Surgery</i> , 2004, 30, 2590-2594.	0.7	9
60	Effect of posture and artificial tears on corneal power measurements with a handheld automated keratometer. <i>Journal of Cataract and Refractive Surgery</i> , 2004, 30, 645-652.	0.7	10
61	The Validity of a New Noncontact Tonometer and Its Comparison with the Goldmann Tonometer. <i>Optometry and Vision Science</i> , 2004, 81, 601-605.	0.6	24
62	Effect of Breath-Holding on Pulsatile Ocular Blood Flow Measurement in Normal Subjects. <i>Optometry and Vision Science</i> , 2004, 81, 597-600.	0.6	13
63	The effect of axial length on ocular blood flow assessment in anisometropes. <i>Ophthalmic and Physiological Optics</i> , 2003, 23, 315-320.	1.0	30
64	Anterior chamber angle measurement with Anterior Eye Segment analysis system Nidek EAS-1000R: improving the repeatability. <i>Ophthalmic and Physiological Optics</i> , 2003, 23, 423-428.	1.0	8
65	Corneal thickness at different reference points from Orbscan II system. <i>Australasian journal of optometry, The</i> , 2003, 86, 230-234.	0.6	13
66	The Effect of Age on Ocular Blood Supply Determined by Pulsatile Ocular Blood Flow and Color Doppler Ultrasonography. <i>Optometry and Vision Science</i> , 2003, 80, 305-311.	0.6	55
67	The Performance of Four Different Corneal Topographers on Normal Human Corneas and Its Impact on Orthokeratology Lens Fitting. <i>Optometry and Vision Science</i> , 2002, 79, 175-183.	0.6	76
68	The Effect of Myopic Axial Elongation and Posture on the Pulsatile Ocular Blood Flow in Young Normal Subjects. <i>Optometry and Vision Science</i> , 2002, 79, 300-305.	0.6	35
69	Crossed and uncrossed stereoacuity at distance and the effect from heterophoria. <i>Ophthalmic and Physiological Optics</i> , 2002, 22, 189-193.	1.0	10
70	Intra-observer and inter-observer repeatability of Anterior Eye Segment analysis system (EAS-1000) in anterior chamber configuration. <i>Ophthalmic and Physiological Optics</i> , 2002, 22, 552-559.	1.0	18
71	The repeatability and accuracy of axial length and anterior chamber depth measurements from the IOLMasterm*. <i>Ophthalmic and Physiological Optics</i> , 2001, 21, 477-483.	1.0	129
72	Daytime variation of pulsatile ocular blood flow (POBF) in normal Chinese. <i>Australasian journal of optometry, The</i> , 2001, 84, 190-194.	0.6	5

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73	The ageing effect on the central posterior corneal radius. <i>Ophthalmic and Physiological Optics</i> , 2000, 20, 63-69.	1.0	18
74	Digital measurement of torsional eye movement due to postural change and its effect on reading performance. <i>Current Eye Research</i> , 2000, 21, 763-766.	0.7	4
75	The ageing effect on the central posterior corneal radius. <i>Ophthalmic and Physiological Optics</i> , 2000, 20, 63-69.	1.0	1
76	The aging effect on corneal curvature and the validity of Javal's rule in Hong Kong Chinese. <i>Current Eye Research</i> , 1999, 18, 83-90.	0.7	33
77	The characteristics of near prism induced fixation disparity curve in Hong Kong Chinese. <i>Ophthalmic and Physiological Optics</i> , 1999, 19, 393-400.	1.0	0
78	A preliminary study on the Ocular Blood Flow (OBF) of Hong Kong Chinese. <i>Ophthalmic and Physiological Optics</i> , 1999, 19, 512-517.	1.0	13
79	Fourth nerve palsy with monovision. <i>Australasian journal of optometry</i> , The, 1998, 81, 206-209.	0.6	1
80	Could a cycloplegic agent be replaced by a fogging or a corrective lens in the biometric measurement of the crystalline lens?. <i>Ophthalmic and Physiological Optics</i> , 1998, 18, 521-526.	1.0	4
81	The Corneal-Thickness Profile in Hong Kong Chinese. <i>Cornea</i> , 1998, 17, 384.	0.9	31
82	Does the Change of Anterior Chamber Depth or/and Episcleral Venous Pressure Cause Intraocular Pressure Change in Postural Variation?. <i>Optometry and Vision Science</i> , 1997, 74, 664-667.	0.6	56
83	The effect of an artificially elevated intraocular pressure on the central corneal curvature. <i>Ophthalmic and Physiological Optics</i> , 1997, 17, 18-24.	1.0	44
84	The effect of an artificially elevated intraocular pressure on the central corneal curvature. <i>Ophthalmic and Physiological Optics</i> , 1997, 17, 18-24.	1.0	30
85	A pilot study on the measurement of central posterior corneal radius in Hong Kong Chinese using Purkinje image technique. <i>Ophthalmic and Physiological Optics</i> , 1997, 17, 68-74.	1.0	16
86	Effect of naturally occurring visual acuity differences between two eyes in stereoacuity. <i>Ophthalmic and Physiological Optics</i> , 1996, 16, 189-195.	1.0	20
87	Application of a modified keratometer in the study of corneal topography on Chinese subjects. <i>Ophthalmic and Physiological Optics</i> , 1996, 16, 130-134.	1.0	8
88	Effect of naturally occurring visual acuity differences between two eyes in stereoacuity. <i>Ophthalmic and Physiological Optics</i> , 1996, 16, 189-195.	1.0	23
89	Application of a modified keratometer in the study of corneal topography on Chinese subjects. <i>Ophthalmic and Physiological Optics</i> , 1996, 16, 130-134.	1.0	5
90	A hand-held keratometer. <i>Ophthalmic and Physiological Optics</i> , 1995, 15, 227-230.	1.0	8

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91	Derivation of corneal flattening factor, p-value. <i>Ophthalmic and Physiological Optics</i> , 1994, 14, 423-427.	1.0	10
92	Three month study of changes in the cornea after computer-determined and conventionally-determined contact lens fitting. <i>Ophthalmic and Physiological Optics</i> , 1994, 14, 59-63.	1.0	3
93	Rigid lens fitting made easier using a modified keratometer. <i>Ophthalmic and Physiological Optics</i> , 1993, 13, 100-101.	1.0	6
94	A comparison of the efficiency of surfactant contact lens cleaners in removing eyeliner adherent to various soft contact lenses. <i>Australasian journal of optometry, The</i> , 1991, 74, 175-177.	0.6	0