Eric B Papas

List of Publications by Year
in descending order

109 papers	4,324 citations	185998 28 h-index	149479 56 g-index
110 all docs	110 docs citations	110 times ranked	3220 citing authors

#	Article	IF	Citations
1	TFOS DEWS II Tear Film Report. Ocular Surface, 2017, 15, 366-403.	2.2	610
2	The International Workshop on Meibomian Gland Dysfunction: Report of the Subcommittee on the Epidemiology of, and Associated Risk Factors for, MGD. , 2011, 52, 1994.		436
3	Global Vision Impairment Due to Uncorrected Presbyopia. JAMA Ophthalmology, 2008, 126, 1731.	2.6	339
4	Global Prevalence of Presbyopia and Vision Impairment from Uncorrected Presbyopia. Ophthalmology, 2018, 125, 1492-1499.	2.5	302
5	Silicone Hydrogel Contact Lenses and the Ocular Surface. Ocular Surface, 2006, 4, 24-43.	2.2	178
6	A Comparison of Patient Matched Meibum and Tear Lipidomes. , 2013, 54, 7417.		121
7	Solution Toxicity in Soft Contact Lens Daily Wear Is Associated With Corneal Inflammation. Optometry and Vision Science, 2007, 84, 309-315.	0.6	111
8	Contact Lensâ€“Related Adverse Events and the Silicone Hydrogel Lenses and Daily Wear Care System Used. JAMA Ophthalmology, 2009, 127, 1616.	2.6	110
9	On the Relationship Between Soft Contact Lens Oxygen Transmissibility and Induced Limbal Hyperaemia. Experimental Eye Research, 1998, 67, 125-131.	1.2	100
10	Functional and Morphologic Changes of Meibomian Glands in an Asymptomatic Adult Population. , 2016, 57, 3996.		72
11	Impact of duration of contact lens wear on the structure and function of the meibomian glands. Ophthalmic and Physiological Optics, 2016, 36, 120-131.	1.0	72
12	Imaging the Tear Film: A Comparison Between the Subjective Keeler Tearscope-Plusâ„¢ and the Objective OculusÂ® Keratograph 5M and LipiViewÂ® Interferometer. Current Eye Research, 2018, 43, 155-162.	0.7	70
13	Validation of the Flush Method as an Alternative to Basal or Reflex Tear Collection. Current Eye Research, 2011, 36, 198-207.	0.7	68
14	Utility of Short-Term Evaluation of Presbyopic Contact Lens Performance. Eye and Contact Lens, 2009, 35, 144-148.	0.8	61
15	Utility and Uncorrected Refractive Error. Ophthalmology, 2013, 120, 1736-1744.	2.5	61
16	The TFOS International Workshop on Contact Lens Discomfort: Report of the Management and Therapy Subcommittee. , 2013, 54, TFOS183.		61
17	The Diurnal Variation of Matrix Metalloproteinase-9 and Its Associated Factors in Human Tears. , 2012, 53, 1479.		58
18	Interactions of Lens Care with Silicone Hydrogel Lenses and Effect on Comfort. Optometry and Vision Science, 2010, 87, 839-846.	0.6	56

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19	Effect of Lens Care Systems on the Clinical Performance of a Contact Lens. Optometry and Vision Science, 2013, 90, 344-350.	0.6	55
20	Morphologic changes in cat epithelium following continuous wear of orthokeratology lenses: A pilot study. Contact Lens and Anterior Eye, 2008, 31, 29-37.	0.8	53
21	The global prevalence of dry eye disease: A Bayesian view. Ophthalmic and Physiological Optics, 2021, 41, 1254-1266.	1.0	53
22	Estimating a Just-Noticeable Difference for Ocular Comfort in Contact Lens Wearers. , 2011, 52, 4390.		48
23	Finite schematic eye models and their accuracy to in-vivo data. Vision Research, 2008, 48, 1681-1694.	0.7	45
24	Fluorescein staining and physiological state of corneal epithelial cells. Contact Lens and Anterior Eye, 2014, 37, 213-223.	0.8	41
25	Inherent Ocular Spherical Aberration and Multifocal Contact Lens Optical Performance. Optometry and Vision Science, 2010, 87, 1009-1022.	0.6	38
26	The Role of Hypoxia in the Limbal Vascular Response to Soft Contact Lens Wear. Eye and Contact Lens, 2003, 29, S72-S74.	0.8	36
27	Clinical Appearance and Microscopic Analysis of Mucin Balls Associated with Contact Lens Wear. Cornea, 2003, 22, 740-745.	0.9	34
28	Factors Affecting Corneal and Conjunctival Sensitivity Measurement. Optometry and Vision Science, 2008, 85, E241-E246.	0.6	33
29	Prevalence of Idiopathic Corneal Anomalies in a Non Contact Lens-Wearing Population. Optometry and Vision Science, 1997, 74, 293-297.	0.6	31
30	Videoreflective dacryomeniscometry in normal adults and in patients with functional or primary acquired nasolacrimal duct obstruction. American Journal of Ophthalmology, 2005, 139, 493-497.	1.7	31
31	Effect of Contact Lens Wear on the Diurnal Profile of Matrix Metalloproteinase 9 in Tears. Optometry and Vision Science, 2013, 90, 419-429.	0.6	31
32	Combined Effect of Comfort and Adverse Events on Contact Lens Performance. Optometry and Vision Science, 2013, 90, 674-681.	0.6	31
33	Consequences of Wear Interruption for Discomfort With Contact Lenses. Optometry and Vision Science, 2014, 91, 24-31.	0.6	31
34	The significance of oxygen during contact lens wear. Contact Lens and Anterior Eye, 2014, 37, 394-404.	0.8	31
35	Performance Standards for Toric Soft Contact Lenses. Optometry and Vision Science, 2007, 84, 422-428.	0.6	29
36	Complications Associated With Care Product Use During Silicone Daily Wear of Hydrogel Contact Lens. Eye and Contact Lens, 2007, 33, 392-393.	0.8	28

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37	Simultaneous Vision Bifocal Contact Lenses: A Comparative Assessment of the in Vitro Optical Performance. Optometry and Vision Science, 1990, 67, 339-345.	0.6	26
38	Onset time course of solution induced corneal staining. Contact Lens and Anterior Eye, 2010, 33, 199-201.	0.8	25
39	Corneal erosions in contact lens wear. Contact Lens and Anterior Eye, 2012, 35, 2-8.	0.8	24
40	Effect of Lens and Solution Choice on the Comfort of Contact Lens Wearers. Optometry and Vision Science, 2013, 90, 411-418.	0.6	24
41	Retinal image quality in albinos: A review. Ophthalmic Paediatrics and Genetics, 1990, 11, 171-176.	0.4	23
42	Monovision vs. soft diffractive bifocal contact lenses: A crossover study. International Contact Lens Clinic (New York, N Y), 1990, 17, 181-187.	0.1	23
43	Adhesion of Pseudomonas aeruginosa to Orthokeratology and Alignment Lenses. Optometry and Vision Science, 2009, 86, 93-97.	0.6	23
44	Physical human model eye and methods of its use to analyse optical performance of soft contact lenses. Optics Express, 2010, 18, 16868.	1.7	23
45	Ocular Discomfort Responses after Short Periods of Contact Lens Wear. Optometry and Vision Science, 2015, 92, 665-670.	0.6	23
46	Intersubject and Interday Variability in Human Tear and Meibum Lipidomes: A Pilot Study. Ocular Surface, 2016, 14, 43-48.	2.2	23
47	The limbal vasculature. Contact Lens and Anterior Eye, 2003, 26, 71-76.	0.8	22
48	Pantoscopic tilt in spectacleâ€corrected myopia and its effect on peripheral refraction. Ophthalmic and Physiological Optics, 2008, 28, 538-549.	1.0	22
49	Repeatability and comparison of visual analogue and numerical rating scales in the assessment of visual quality. Ophthalmic and Physiological Optics, 1997, 17, 492-498.	1.0	22
50	Lubricant Effects on Low Dk and Silicone Hydrogel Lens Comfort. Optometry and Vision Science, 2008, 85, 773-777.	0.6	21
51	Corneal mechanical sensitivity measurement using a staircase technique. Ophthalmic and Physiological Optics, 2005, 25, 246-253.	1.0	18
52	Genetic factors and molecular mechanisms in dry eye disease. Ocular Surface, 2018, 16, 206-217.	2.2	18
53	Depth-of-Focus and its Association with the Spherical Aberration Sign. A Ray-Tracing Analysis. Journal of Optometry, 2010, 3, 51-59.	0.7	17
54	Mechanisms of superficial micropunctate corneal staining with sodium fluorescein: The contribution of pooling. Contact Lens and Anterior Eye, 2012, 35, 81-84.	0.8	17

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55	The Ocular Surface, the Tear Film, and the Wettability of Contact Lenses. Advances in Experimental Medicine and Biology, 1998, 438, 717-722.	0.8	17
56	Power Profiles and Short-Term Visual Performance of Soft Contact Lenses. Optometry and Vision Science, 2009, 86, 318-323.	0.6	16
57	Understanding the stimulus of an airâ€jet aesthesiometer: computerised modelling and subjective interpretation. Ophthalmic and Physiological Optics, 2013, 33, 104-113.	1.0	16
58	Influence of Meibomian Gland Expression Methods on Human Lipid Analysis Results. Ocular Surface, 2016, 14, 49-55.	2.2	16
59	Photobiomodulation (low-level light therapy) and dry eye disease. Australasian journal of optometry, The, 2021, 104, 561-566.	0.6	16
60	VARIABILITY OF CLINICAL INVESTIGATORS IN CONTACT LENS RESEARCH. Optometry and Vision Science, 1995, 72, 16.	0.6	15
61	Contact lens technology to 2020 and beyond: a review of recent patent literature. Australasian journal of optometry, The, 2017, 100, 529-536.	0.6	15
62	Optical Performance of Multifocal Soft Contact Lenses via a Single-Pass Method. Optometry and Vision Science, 2012, 89, 1107-1118.	0.6	14
63	Differential Gel Electrophoresis of the Tear Proteome. Optometry and Vision Science, 2012, 89, E875-E883.	0.6	14
64	Measuring Daily Disposable Contact Lenses against Nonwearer Benchmarks. Optometry and Vision Science, 2018, 95, 1088-1095.	0.6	14
65	Review of 20Âyears of soft contact lens wearer ocular physiology data. Contact Lens and Anterior Eye, 2022, 45, 101525.	0.8	14
66	Do Peripheral Refraction and Aberration Profiles Vary with the Type of Myopia? - An Illustration Using a Ray-Tracing Approach. Journal of Optometry, 2009, 2, 29-38.	0.7	12
67	Demographic Factors Affect Ocular Comfort Ratings During Contact Lens Wear. Optometry and Vision Science, 2016, 93, 1004-1010.	0.6	12
68	The relationship between tear film MMP-9 and meibomian gland changes during soft contact lens wear. Contact Lens and Anterior Eye, 2020, 43, 154-158.	0.8	12
69	A Histopathological Study of Bulbar Conjunctival Flaps Occurring in 2 Contact Lens Wearers. Cornea, 2011, 30, 1037-1041.	0.9	10
70	Interpreting the corneal response to oxygen: Is there a basis for re-evaluating data from gas-goggle studies?. Experimental Eye Research, 2016, 151, 222-226.	1.2	10
71	The validity of point of care tear film osmometers in the diagnosis of dry eye. Ophthalmic and Physiological Optics, 2022, 42, 140-148.	1.0	10
72	The spectral transmittance of hydrogel contact lens filters. Ophthalmic and Physiological Optics, 1989, 9, 360-367.	1.0	9

#	Article	IF	Citations
73	Agreement of glaucoma specialists and experienced optometrists in gonioscopy and optic disc evaluation. Journal of Optometry, 2013, 6, 212-218.	0.7	9
74	Visual performance with artificial iris contact lenses. Journal of the British Contact Lens Association, 1987, 10, 10-15.	0.2	8
75	Revolutionary Future Uses of Contact Lenses. Optometry and Vision Science, 2016, 93, 325-327.	0.6	8
76	The Effect of Contact Lens Wear on the Cellular Morphology of the Lid Wiper Area. Optometry and Vision Science, 2018, 95, 491-497.	0.6	8
77	PRE-CORNEAL DEPOSITS DURING SOFT CONTACT LENS WEAR. Optometry and Vision Science, 1994, 71, 152-153.	0.6	7
78	LV Prasad Eye Institute Glaucoma Epidemiology and Molecular Genetic Study (LVPEI- GLEAMS). Report 1: Study Design and Research Methodology. Ophthalmic Epidemiology, 2013, 20, 188-195.	0.8	7
79	Temporal Characteristics of Sodium Fluorescein in the Tear Meniscus. Optometry and Vision Science, 2017, 94, 166-173.	0.6	7
80	Prevalence of Primary Glaucoma as Diagnosed by Study Optometrists of L. V. Prasad eye Institute â€“ Glaucoma Epidemiology and Molecular Genetics Study. Ophthalmic Epidemiology, 2019, 26, 150-154.	0.8	7
81	4. Contemporary research in contact lens care. Contact Lens and Anterior Eye, 2013, 36, S22-S27.	0.8	6
82	Associations between Binocular Vision Disorders and Contact Lens Dissatisfaction. Optometry and Vision Science, 2021, 98, 1160-1168.	0.6	6
83	Diurnal Variation of Corneal Dendritic Cell Density. Current Eye Research, 2022, 47, 1239-1245.	0.7	6
84	Contact Lens Comfort. Optometry and Vision Science, 2016, 93, 790-792.	0.6	5
85	Discrimination of subjective responses between contact lenses with a novel questionnaire. Contact Lens and Anterior Eye, 2017, 40, 367-381.	0.8	5
86	Changes in the tarsal conjunctiva viewed by in vivo confocal microscopy are associated with ocular symptoms and contact lens wear. Ophthalmic and Physiological Optics, 2019, 39, 328-336.	1.0	4
87	Temporal considerations in contact lens discomfort. Contact Lens and Anterior Eye, 2021, 44, 14-17.	0.8	4
88	Bio-chemical markers of chronic, non-infectious disease in the human tear film. Australasian journal of optometry, The, 2022, 105, 166-176.	0.6	4
89	The spectral transmittance of hydrogel contact lens filters. Ophthalmic and Physiological Optics, 1989, 9, 360-367.	1.0	4
90	Monovision versus diffractive bifocals. Journal of the British Contact Lens Association, 1989, 12, 75-76.	0.2	3

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91	Taking care of the future for contact lenses. Ophthalmic and Physiological Optics, 2016, 36, 75-76.	1.0	3
92	The presbyope and the contact lens:a fatal attraction. Journal of the British Contact Lens Association, 1991, 14, 51-54.	0.2	2
93	11 Sodium fluorescein staining of the corneal epithelium: what does it mean at a cellular level?. Contact Lens and Anterior Eye, 2011, 34, S19.	0.8	2
94	LIMBAL VASCULAR RESPONSE DURING DAILY WEAR OF CONVENTIONAL AND HIGH DK SOFT LENSES. Optometry and Vision Science, 1995, 72, 171.	0.6	1
95	Characterisation of mucins in the tear film of ocular prosthesis wearers. Australian and New Zealand Journal of Ophthalmology, 1996, 24, 2-5.	0.4	1
96	CORNEAL TOPOGRAPHICAL CHANGES AFTER FIFTEEN MINUTES OF REVERSE GEOMETRY LENS WEAR.. Optometry and Vision Science, 2001, 78, 61.	0.6	1
97	Nasolacrimal Obstruction. Ophthalmology, 2006, 113, 162.	2.5	1
98	Objective assessment of meibomian gland drop out and its relationship with dry eye symptoms. Contact Lens and Anterior Eye, 2018, 41, S35-S36.	0.8	1
99	The role of retinotopic cues in deciphering the direction and magnitude of monocular dynamic ocular accommodation: A review. Vision Research, 2022, 196, 108026.	0.7	1
100	DAILY AND EXTENDED WEAR COMPARISON OF TWO DISPOSABLE LENS SYSTEMS. Optometry and Vision Science, 1994, 71, 75-76.	0.6	0
101	A novel method for assessing variations in visual acuity after the blink. Contact Lens and Anterior Eye, 2005, 28, 157-162.	0.8	0
102	Working sketch of an anatomically and optically equivalent physical model eye. , 2009, , .		0
103	A theoretical design of gradient index multifocal contact lens for correcting presbyopia and an attempt to elicit its performance using ray tracing. , 2009, , .		0
104	Editorial. Contact Lens and Anterior Eye, 2010, 33, 255.	0.8	0
105	Discrimination of ocular discomfort between contact lenses. Contact Lens and Anterior Eye, 2015, 38, e19.	0.8	0
106	Corrigendum to â€œThe significance of oxygen during contact lens wearâ€•[Cont. Lens Anterior Eye 37 (2014) 394â€“404]. Contact Lens and Anterior Eye, 2015, 38, 393.	0.8	0
107	Authors' Response. Optometry and Vision Science, 2019, 96, 466-467.	0.6	0
108	Extended and Continuous Wear Lenses. , 2019, , 237-264.		0

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109	Filaggrin Expression in the Lid Margin During Contact Lens Wear. Eye and Contact Lens, 2021, Publish Ahead of Print, 638-641.	0.8	0