

Kelly K Nichols

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

11,109
citations

117453

34
h-index

62479

80
g-index

110
all docs

110
docs citations

110
times ranked

5065
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of Presbyopia by Severity. <i>Ophthalmology and Therapy</i> , 2022, 11, 1-11.	1.0	7
2	Human meibum and tear film derived cholesteryl and wax esters in meibomian gland dysfunction and tear film structure. <i>Ocular Surface</i> , 2022, 23, 12-23.	2.2	10
3	Reduction of Artificial Tears and Use of Adjunctive Dry Eye Therapies After Lifitegrast Treatment: Evidence from Clinical and Real-World Studies. <i>Clinical Ophthalmology</i> , 2022, Volume 16, 909-916.	0.9	1
4	Nicotinic acetylcholine receptor stimulation: A new approach for stimulating tear secretion in dry eye disease. <i>Ocular Surface</i> , 2022, 25, 58-64.	2.2	8
5	A Comprehensive Review of the Clinical Trials Conducted for Dry Eye Disease and the Impact of the Vehicle Comparators in These Trials. <i>Current Eye Research</i> , 2021, 46, 609-614.	0.7	7
6	Real-World Experience with Lifitegrast Ophthalmic Solution (Xiidra®) in the US and Canada: Retrospective Study of Patient Characteristics, Treatment Patterns, and Clinical Effectiveness in 600 Patients with Dry Eye Disease. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 1041-1054.	0.9	13
7	Saturation of cholesteryl esters produced by human meibomian gland epithelial cells after treatment with rosiglitazone. <i>Ocular Surface</i> , 2021, 20, 39-47.	2.2	12
8	Triacylglycerol lipidome from human meibomian gland epithelial cells: Description, response to culture conditions, and perspective on function. <i>Experimental Eye Research</i> , 2021, 207, 108573.	1.2	5
9	Tear Film Surface Quality in Modern Daily Disposable Contact Lens Wear. <i>Eye and Contact Lens</i> , 2021, 47, 631-637.	0.8	2
10	Human meibum and tear film derived (O-acyl)-omega-hydroxy fatty acids in meibomian gland dysfunction. <i>Ocular Surface</i> , 2021, 21, 118-128.	2.2	15
11	Human Meibum and Tear Film Derived (O-Acyl)-Omega-Hydroxy Fatty Acids as Biomarkers of Tear Film Dynamics in Meibomian Gland Dysfunction and Dry Eye Disease. , 2021, 62, 13.		11
12	Human precorneal tear film and lipid layer dynamics in meibomian gland dysfunction. <i>Ocular Surface</i> , 2021, 21, 250-256.	2.2	11
13	Prostaglandin E2 and F2± Alter Expression of Select Cholesteryl Esters and Triacylglycerols Produced by Human Meibomian Gland Epithelial Cells. <i>Cornea</i> , 2021, Publish Ahead of Print, 95-105.	0.9	0
14	Safety of KPI-121 Ophthalmic Suspension 0.25% in Patients With Dry Eye Disease: A Pooled Analysis of 4 Multicenter, Randomized, Vehicle-Controlled Studies. <i>Cornea</i> , 2021, 40, 564-570.	0.9	23
15	Enhanced closed eye neutrophil degranulation in dry eye disease. <i>Ocular Surface</i> , 2020, 18, 841-851.	2.2	20
16	Evaluation of Cell Harvesting Techniques to Optimize Lipidomic Analysis from Human Meibomian Gland Epithelial Cells in Culture. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3277.	1.8	8
17	Dry Eye Disease Practice in Ghana: Diagnostic Perspectives, Treatment Modalities, and Challenges. <i>Optometry and Vision Science</i> , 2020, 97, 137-144.	0.6	8
18	Safety and tolerability of lifitegrast ophthalmic solution 5.0%: Pooled analysis of five randomized controlled trials in dry eye disease. <i>European Journal of Ophthalmology</i> , 2019, 29, 394-401.	0.7	20

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19	Efficacy of topical ophthalmic drugs in the treatment of dry eye disease: A systematic literature review. <i>Ocular Surface</i> , 2019, 17, 412-423.	2.2	56
20	Untargeted lipidomic analysis of human tears: A new approach for quantification of O-acyl-omega hydroxy fatty acids. <i>Ocular Surface</i> , 2019, 17, 347-355.	2.2	31
21	Effect of the Bruder moist heat eye compress on contact lens discomfort in contact lens wearers: An open-label randomized clinical trial. <i>Contact Lens and Anterior Eye</i> , 2019, 42, 625-632.	0.8	17
22	Tear Film and Meibomian Gland Characteristics in Adolescents. <i>Cornea</i> , 2019, 38, 1475-1482.	0.9	11
23	Relation Between Dietary Essential Fatty Acid Intake and Dry Eye Disease and Meibomian Gland Dysfunction in Postmenopausal Women. <i>American Journal of Ophthalmology</i> , 2018, 189, 29-40.	1.7	25
24	Comprehensive shotgun lipidomics of human meibomian gland secretions using MS/MSall with successive switching between acquisition polarity modes. <i>Journal of Lipid Research</i> , 2018, 59, 2223-2236.	2.0	29
25	Comparison of Collection Methods for the Measure of Human Meibum and Tear Film-Derived Lipids Using Mass Spectrometry. <i>Current Eye Research</i> , 2018, 43, 1244-1252.	0.7	14
26	Ocular comfort assessment of lifitegrast ophthalmic solution 5.0% in OPUS-3, a Phase III randomized controlled trial. <i>Clinical Ophthalmology</i> , 2018, Volume 12, 263-270.	0.9	14
27	Short Tandem Repeat (STR) Profiles of Commonly Used Human Ocular Surface Cell Lines. <i>Current Eye Research</i> , 2018, 43, 1097-1101.	0.7	16
28	A single vectored thermal pulsation treatment for meibomian gland dysfunction increases mean comfortable contact lens wearing time by approximately 4 hours per day. <i>Clinical Ophthalmology</i> , 2018, Volume 12, 169-183.	0.9	19
29	Leukocyte Distribution in the Open Eye Tears of Normal and Dry Eye Subjects. <i>Current Eye Research</i> , 2018, 43, 1253-1259.	0.7	16
30	TFOS DEWS II Introduction. <i>Ocular Surface</i> , 2017, 15, 269-275.	2.2	180
31	TFOS DEWS II Definition and Classification Report. <i>Ocular Surface</i> , 2017, 15, 276-283.	2.2	1,932
32	TFOS DEWS II Report Executive Summary. <i>Ocular Surface</i> , 2017, 15, 802-812.	2.2	502
33	Lifitegrast for the Treatment of Dry Eye Disease. <i>Ophthalmology</i> , 2017, 124, 53-60.	2.5	141
34	Neutrophil and T-Cell Homeostasis in the Closed Eye. , 2017, 58, 6212.		32
35	Expression Profiling of Nonpolar Lipids in Meibum From Patients With Dry Eye: A Pilot Study. , 2017, 58, 2266.		18
36	Safety of Lifitegrast Ophthalmic Solution 5.0% in Patients With Dry Eye Disease. <i>Cornea</i> , 2016, 35, 741-748.	0.9	78

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37	Differential Profiling of T-Cell Cytokines as Measured by Protein Microarray Across Dry Eye Subgroups. <i>Cornea</i> , 2016, 35, 329-335.	0.9	31
38	Compositional Analysis of Wax Esters in Human Meibomian Gland Secretions by Direct Infusion Electrospray Ionization Mass Spectrometry. <i>Lipids</i> , 2016, 51, 1269-1287.	0.7	9
39	Analysis of tear inflammatory mediators: A comparison between the microarray and Luminex methods. <i>Molecular Vision</i> , 2016, 22, 177-88.	1.1	26
40	Dry Eye Disease. <i>Optometry and Vision Science</i> , 2015, 92, 922-924.	0.6	3
41	Clinical Guidelines for Management of Dry Eye Associated with Sjögren Disease. <i>Ocular Surface</i> , 2015, 13, 118-132.	2.2	171
42	Characterization of Wax Esters by Electrospray Ionization Tandem Mass Spectrometry: Double Bond Effect and Unusual Product Ions. <i>Lipids</i> , 2015, 50, 821-836.	0.7	12
43	Correlations between commonly used objective signs and symptoms for the diagnosis of dry eye disease: clinical implications. <i>Acta Ophthalmologica</i> , 2014, 92, 161-166.	0.6	280
44	Rethinking Dry Eye Disease: A Perspective on Clinical Implications. <i>Ocular Surface</i> , 2014, 12, S1-S31.	2.2	189
45	Dry Eye Disease and Microbial Keratitis: Is There a Connection?. <i>Ocular Surface</i> , 2013, 11, 75-92.	2.2	63
46	An algorithm for the management of allergic conjunctivitis. <i>Allergy and Asthma Proceedings</i> , 2013, 34, 408-420.	1.0	52
47	Quantitative Profiling of Major Neutral Lipid Classes in Human Meibum by Direct Infusion Electrospray Ionization Mass Spectrometry. , 2013, 54, 5730.		59
48	The TFOS International Workshop on Contact Lens Discomfort: Report of the Definition and Classification Subcommittee. , 2013, 54, TFOS14.		90
49	Tear Film Breakup and Structure Studied by Simultaneous Video Recording of Fluorescence and Tear Film Lipid Layer Images. , 2013, 54, 4900.		80
50	Development of the 4â€“3â€“2â€“1 Meibum Expressibility Scale. <i>Eye and Contact Lens</i> , 2012, 38, 86-92.	0.8	14
51	Safety and Efficacy of Topical Azithromycin Ophthalmic Solution 1.0% in the Treatment of Contact Lensâ€“Related Dry Eye. <i>Eye and Contact Lens</i> , 2012, 38, 73-79.	0.8	31
52	The International Workshop on Meibomian Gland Dysfunction: Report of the Subcommittee on Management and Treatment of Meibomian Gland Dysfunction. , 2011, 52, 2050.		470
53	High Resolution Microscopy of the Lipid Layer of the Tear Film. <i>Ocular Surface</i> , 2011, 9, 197-211.	2.2	49
54	Author Response: On the Presence of (<i>O</i>-Acyl)-Omega-Hydroxy Fatty Acids and Their Esters in Human Meibomian Gland Secretions. , 2011, 52, 1894.		5

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55	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
56	The International Workshop on Meibomian Gland Dysfunction: Introduction. , 2011, 52, 1917.		88
57	Examination of Human Meibum Collection and Extraction Techniques. Optometry and Vision Science, 2011, 88, 525-533.	0.6	13
58	Rasch Analysis of the Ocular Surface Disease Index (OSDI). , 2011, 52, 8630.		123
59	The International Workshop on Meibomian Gland Dysfunction: Executive Summary. , 2011, 52, 1922.		738
60	An Objective Approach to Dry Eye Disease Severity. , 2010, 51, 6125.		449
61	Shotgun Lipidomic Analysis of Human Meibomian Gland Secretions with Electrospray Ionization Tandem Mass Spectrometry. , 2010, 51, 6220.		109
62	Collecting tear osmolarity measurements in the diagnosis of dry eye. Expert Review of Ophthalmology, 2009, 4, 451-453.	0.3	9
63	Blepharitis in the United States 2009: A Survey-based Perspective on Prevalence and Treatment. Ocular Surface, 2009, 7, S1-S14.	2.2	197
64	Epinastine 0.05% Ophthalmic Solution in Contact Lens-Wearing Subjects With a History of Allergic Conjunctivitis. Eye and Contact Lens, 2009, 35, 26-31.	0.8	8
65	Contributions of Evaporation and Other Mechanisms to Tear Film Thinning and Break-Up. Optometry and Vision Science, 2008, 85, 623-630.	0.6	111
66	The Changing Times in Dry Eye Research. Optometry and Vision Science, 2008, 85, 613-614.	0.6	2
67	Current Patterns in the Use of Diagnostic Tests in Dry Eye Evaluation. Cornea, 2008, 27, 656-662.	0.9	82
68	Investigation of the human tear film proteome using multiple proteomic approaches. Molecular Vision, 2008, 14, 456-70.	1.1	127
69	Methodologies to Diagnose and Monitor Dry Eye Disease: Report of the Diagnostic Methodology Subcommittee of the International Dry Eye WorkShop (2007). Ocular Surface, 2007, 5, 108-152.	2.2	695
70	The Contact Lens and Tear Film Laboratory, The Ohio State University College of Optometry. Ocular Surface, 2007, 5, 259-261.	2.2	1
71	Identification of Fatty Acids and Fatty Acid Amides in Human Meibomian Gland Secretions. , 2007, 48, 34.		81
72	Patient-Reported Symptoms in Dry Eye Disease. Ocular Surface, 2006, 4, 137-145.	2.2	86

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73	Interferometric imaging of the full thickness of the precorneal tear film. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2006, 23, 2097.	0.8	50
74	The Global Sex Disparity in Blindness and Visual Impairment. <i>Optometry and Vision Science</i> , 2006, 83, 700-701.	0.6	6
75	An Assessment of Grading Scales for Meibography Images. <i>Cornea</i> , 2005, 24, 382-388.	0.9	122
76	Self-Reported Dry Eye Disease across Refractive Modalities. , 2005, 46, 1911.		129
77	The Frequency of Dilated Diabetic Eye Examinations by Optometrists in the State of Ohio. <i>Optometry and Vision Science</i> , 2005, 82, 959-963.	0.6	4
78	An Assessment of Self-Reported Disease Classification in Epidemiological Studies of Dry Eye. , 2004, 45, 3453.		34
79	Diquafosol tetrasodium: a novel dry eye therapy. <i>Expert Opinion on Investigational Drugs</i> , 2004, 13, 47-54.	1.9	88
80	Double-Masked, Placebo-Controlled Safety and Efficacy Trial of Diquafosol Tetrasodium (INS365) Ophthalmic Solution for the Treatment of Dry Eye. <i>Cornea</i> , 2004, 23, 784-792.	0.9	151
81	The Lack of Association Between Signs and Symptoms in Patients With Dry Eye Disease. <i>Cornea</i> , 2004, 23, 762-770.	0.9	635
82	Anterior Eye Disease and Therapeutics: A??Z. <i>Optometry and Vision Science</i> , 2004, 81, 485.	0.6	0
83	The Repeatability of Clinical Measurements of Dry Eye. <i>Cornea</i> , 2004, 23, 272-285.	0.9	393
84	The Reliability and Validity of McMonnies Dry Eye Index. <i>Cornea</i> , 2004, 23, 365-371.	0.9	85
85	The relation between tear film tests in patients with dry eye disease. <i>Ophthalmic and Physiological Optics</i> , 2003, 23, 553-560.	1.0	66
86	Performance and Repeatability of the NEI-VFQ-25 in Patients With Dry Eye. <i>Cornea</i> , 2002, 21, 578-583.	0.9	87
87	The Performance of the Contact Lens Dry Eye Questionnaire as a Screening Survey for Contact Lens-related Dry Eye. <i>Cornea</i> , 2002, 21, 469-475.	0.9	121
88	Evaluation of Tear Film Interference Patterns and Measures of Tear Break-Up Time. <i>Optometry and Vision Science</i> , 2002, 79, 363-369.	0.6	126
89	Results of a Dry Eye Questionnaire from Optometric Practices in North America. <i>Advances in Experimental Medicine and Biology</i> , 2002, 506, 1009-1016.	0.8	22
90	Association of Clinical Diagnostic Tests and Dry Eye Surveys: The Nei-Vfq-25 and the OSDI. <i>Advances in Experimental Medicine and Biology</i> , 2002, 506, 1177-1181.	0.8	12

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91	Patient-Reported Versus Doctor-Diagnosed Dry Eye: The Assessment of Symptoms. <i>Advances in Experimental Medicine and Biology</i> , 2002, 506, 1189-1193.	0.8	1
92	Characterization of Ocular Surface Symptoms From Optometric Practices in North America. <i>Cornea</i> , 2001, 20, 610-618.	0.9	253
93	The Contact Lens and Myopia Progression (CLAMP) Study: Design and Baseline Data. <i>Optometry and Vision Science</i> , 2001, 78, 223-233.	0.6	40
94	(CL-207)THE ASSESSMENT OF OCULAR SYMPTOMS IN PATIENT-REPORTED DRY EYE VERSUS DOCTOR-DIAGNOSED DRY EYE. <i>Optometry and Vision Science</i> , 2000, 77, 181.	0.6	0
95	(CL-231)DRY EYE DIAGNOSTIC TESTS AND SURVEYS: PERFORMANCE AND ASSOCIATION. <i>Optometry and Vision Science</i> , 2000, 77, 20.	0.6	0
96	Frequency of Dry Eye Diagnostic Test Procedures Used in Various Modes of Ophthalmic Practice. <i>Cornea</i> , 2000, 19, 477-482.	0.9	116
97	Responses of Contact Lens Wearers to a Dry Eye Survey. <i>Optometry and Vision Science</i> , 2000, 77, 40-46.	0.6	209
98	ASSOCIATION OF CLINICAL DIAGNOSTIC TESTS AND DRY EYE SURVEYS: THE NEI VISUAL FUNCTION QUESTIONNAIRE-25 AND THE OCULAR SURFACE DISEASE INDEXÂ©.. <i>Cornea</i> , 2000, 19, S109.	0.9	0
99	PATIENT-REPORTED DRY EYE VERSUS DOCTOR-DIAGNOSED DRY EYE: THE ASSESSMENT OF SYMPTOMS.. <i>Cornea</i> , 2000, 19, S106.	0.9	0