Stephen D Klyce

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11851803/publications.pdf

Version: 2024-02-01

82	4,263	108046	124990
papers	citations	37 h-index	64 g-index

84	84	84	1510
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Corneal Physiology: Corneal Form and Function. , 2022, , 31-103.		0
2	Corneal Physiology: Corneal Form and Function. , 2021, , 1-74.		0
3	Advances in Corneal Surgical and Pharmacological Approaches to the Treatment of Presbyopia. Journal of Refractive Surgery, 2021, 37, S20-S27.	1.1	6
4	12. Endothelial pump and barrier function. Experimental Eye Research, 2020, 198, 108068.	1.2	18
5	Fourier Analysis of Corneal Irregular Astigmatism Due to the Anterior Corneal Surface in Dry Eye. Eye and Contact Lens, 2019, 45, 188-194.	0.8	14
6	Long-term Chronological Changes in Very Asymmetric Keratoconus. Cornea, 2019, 38, 605-611.	0.9	5
7	Screening for Keratoconus and Related Ectatic Corneal Disorders. Cornea, 2015, 34, e20-e22.	0.9	31
8	Comparison of objective and subjective refractive surgery screening parameters between regular and high-resolution Scheimpflug imaging devices. Journal of Cataract and Refractive Surgery, 2015, 41, 286-294.	0.7	12
9	UVAâ€“Riboflavin Collagen Cross-Linking: A Misnomer Perhaps, but It Works!. , 2013, 54, 1635.		2
10	Variability of Subjective Classifications of Corneal Topography Maps From LASIK Candidates. Journal of Refractive Surgery, 2013, 29, 770-775.	1.1	37
11	Can You spot the Keratoconus Suspect?. International Journal of Keratoconus and Ectatic Corneal Diseases, 2012, 1, 0-0.	0.5	1
12	Corneal Inlays for the Treatment of Presbyopia. International Ophthalmology Clinics, 2011, 51, 51-62.	0.3	42
13	Chasing the suspect: keratoconus. British Journal of Ophthalmology, 2009, 93, 845-847.	2.1	133
14	Corneal structure and function: Placido-based corneal topography. , 2009, , 75-82.		0
15	Night vision disturbances after refractive surgery: haloes are not just for angels. British Journal of Ophthalmology, 2007, 91, 992-993.	2.1	18
16	Absolute Color Scale for Improved Diagnostics with Wavefront Error Mapping. Ophthalmology, 2007, 114, 2022-2030.e1.	2.5	2
17	Functional Optical Zone of the Cornea. , 2007, 48, 1053.		61
18	Goodness-of-prediction of Zernike polynomial fitting to corneal surfaces. Journal of Cataract and Refractive Surgery, 2005, 31, 2350-2355.	0.7	57

#	Article	IF	Citations
19	Screening Patients With the Corneal Navigator. Journal of Refractive Surgery, 2005, 21, .	1.1	43
20	Screening patients with the corneal navigator. Journal of Refractive Surgery, 2005, 21, S617-22.	1.1	12
21	Night vision after LASIK: the pupil proclaims innocence. Ophthalmology, 2004, 111, 1-2.	2.5	26
22	Evaluation of the tear film stability after laser in situ keratomileusis using the tear film stability analysis system. American Journal of Ophthalmology, 2004, 137, 116-120.	1.7	48
23	Advantages and Disadvantages of the Zernike Expansion for Representing Wave Aberration of the Normal and Aberrated Eye. Journal of Refractive Surgery, 2004, 20, .	1.1	66
24	Advantages and disadvantages of the Zernike expansion for representing wave aberration of the normal and aberrated eye. Journal of Refractive Surgery, 2004, 20, S537-41.	1.1	15
25	A new method for tear film stability analysis using videokeratography. American Journal of Ophthalmology, 2003, 135, 607-612.	1.7	121
26	Zernike Polynomial Fitting Fails to Represent All Visually Significant Corneal Aberrations. , 2003, 44, 4676.		126
27	Corneal Topographic and Pachymetric Screening of Keratorefractive Patients. Journal of Refractive Surgery, 2003, 19, 24-29.	1.1	158
28	Corneal Topography in Modern Refractive Surgery. International Ophthalmology Clinics, 2002, 42, 19-30.	0.3	8
29	Inattention to Nonsuperimposable Midline Symmetry Causes Wavefront Analysis Error. JAMA Ophthalmology, 2002, 120, 439.	2.6	61
30	The Universal Standard Scale. Ophthalmology, 2002, 109, 361-369.	2.5	39
31	Physiological System Models of the Cornea. Topics in Biomedical Engineering, 2002, , 3-55.	0.2	3
32	Gender- and Age-related Differences in Corneal Topography. Cornea, 2001, 20, 270-276.	0.9	97
33	Developments in corneal topographic analysis following contact lens wear and refractive surgery. Contact Lens and Anterior Eye, 2001, 24, 168-174.	0.8	1
34	Corneal Topography and the New Wave. Cornea, 2000, 19, 723-729.	0.9	18
35	Keratoconus Detection with the KISA% Methodâ€"Another View. Journal of Cataract and Refractive Surgery, 2000, 26, 472-473.	0.7	31
36	Corneal topography of small-beam tracking excimer laser photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 1999, 25, 675-684.	0.7	28

#	Article	IF	Citations
37	Diurnal fluctuations in corneal topography 10 years after radial keratotomy in the prospective evaluation of radial keratotomy study. Journal of Cataract and Refractive Surgery, 1999, 25, 904-910.	0.7	27
38	Comparison of photorefractive keratectomy with excimer laser in situ keratomileusis in correcting low myopia (from â^'2.00 to â^'5.50 diopters). Ophthalmology, 1999, 106, 411-421.	2.5	107
39	Comparison of corneal wavefront aberrations after photorefractive keratectomy and laser in situ keratomileusis. American Journal of Ophthalmology, 1999, 127, 1-7.	1.7	397
40	Detection and Classification of Mild Irregular Astigmatism in Patients With Good Visual Acuity. Survey of Ophthalmology, 1998, 43, 53-58.	1.7	56
41	Topographic assessment of irregular astigmatism after photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 1998, 24, 1079-1086.	0.7	11
42	Corneal Topography in LASIK. Seminars in Ophthalmology, 1998, 13, 64-70.	0.8	14
43	Disparity Between Keratometry-Style Readings and Corneal Power Within the Pupil After Refractive Surgery for Myopia. Cornea, 1997, 16, 517???524.	0.9	70
44	Screening for Corneal Topographic Abnormalities before Refractive Surgery. Ophthalmology, 1994, 101, 147-152.	2.5	209
45	Videokeratography in contact lens practice. International Contact Lens Clinic (New York, N Y), 1994, 21, 163-169.	0.1	10
46	Standardized Color-coded Maps for Corneal Topography. Ophthalmology, 1993, 100, 1723-1727.	2.5	79
47	Corneal topography of excimer laser photorefractive keratectomy. Journal of Cataract and Refractive Surgery, 1993, 19, 122-130.	0.7	52
48	Corneal Topographic Alterations in Normal Contact Lens Wearers. Ophthalmology, 1993, 100, 128-134.	2.5	73
49	Quantification and Mathematical Analysis of Photokeratoscopic Images. , 1992, , 1-9.		4
50	Advances in the analysis of corneal topography. Survey of Ophthalmology, 1991, 35, 269-277.	1.7	155
51	Changes in Corneal Topography after Excimer Laser Photorefractive Keratectomy for Myopia. Ophthalmology, 1991, 98, 1338-1347.	2.5	160
52	Corneal Topography of Keratoconus. Cornea, 1991, 10, 2-8.	0.9	205
53	Analysis of the Effects of Astigmatism and Misalignment on Corneal Surface Reconstruction From Photokeratoscopic Data. Journal of Refractive Surgery, 1991, 7, 129-140.	1.1	27
54	An Adjustable Single Running Suture Technique to Reduce Postkeratoplasty Astigmatism. Ophthalmology, 1990, 97, 934-938.	2.5	61

#	Article	IF	Citations
55	Corneal Topography. , 1990, , 61-81.		0
56	Topographic Changes in Contact Lens-induced Corneal Warpage. Ophthalmology, 1990, 97, 734-744.	2.5	166
57	Terrien's Marginal Degeneration: Corneal Topography. Journal of Refractive Surgery, 1990, 6, 15-20.	1.1	27
58	Topographic Changes that Occur with 10-0 Running Suture Removal Following Penetrating Keratoplasty. Journal of Refractive Surgery, 1990, 6, 21-25.	1.1	38
59	The Corneal Topography of Epikeratophakia. Journal of Refractive Surgery, 1990, 6, 26-31.	1.1	8
60	Topographic Analysis and Visual Acuity After Radial Keratotomy. American Journal of Ophthalmology, 1989, 107, 436-437.	1.7	11
61	Corneal Compression Sutures for the Reduction of Astigmatism After Penetrating Keratoplasty. American Journal of Ophthalmology, 1989, 108, 36-42.	1.7	53
62	Imaging, Reconstruction, And Display Of Corneal Topography. Proceedings of SPIE, 1989, , .	0.8	1
63	Corneal Topography Comes of Age. Journal of Refractive Surgery, 1989, 5, 359-361.	1.1	10
64	Methods of Analysis of Corneal Topography. Journal of Refractive Surgery, 1989, 5, 368-371.	1.1	37
65	Quantitative Descriptors of Corneal Shape Derived from Computer-assisted Analysis of Photokeratographs. Journal of Refractive Surgery, 1989, 5, 372-378.	1.1	141
66	A New Reconstruction Algorithm for Improvement of Corneal Topographical Analysis. Journal of Refractive Surgery, 1989, 5, 379-387.	1.1	55
67	Corneal Topography of Pellucid Marginal Degeneration. Ophthalmology, 1987, 94, 519-524.	2.5	113
68	Corneal Topography in Myopic Patients Undergoing Epikeratophakia. American Journal of Ophthalmology, 1987, 103, 404-416.	1.7	49
69	Visual Distortion After Myopic Keratomileusis: Computer Analysis of Keratoscope Photographs. Ophthalmic Surgery Lasers and Imaging Retina, 1987, 18, 352-356.	0.4	6
70	Keratometry in Epikeratophakia. Journal of Refractive Surgery, 1986, 2, 61-64.	1.1	23
71	Transport processes across the rabbit corneal epithelium: A review. Current Eye Research, 1985, 4, 323-331.	0.7	154
72	Epikeratophakia for Myopia Correction. Ophthalmology, 1985, 92, 1417-1422.	2.5	62

#	Article	IF	Citations
73	Cellular mode of serotonin action on Clâ^' transport in the rabbit corneal epithelium. Biochimica Et Biophysica Acta - Biomembranes, 1984, 778, 139-143.	1.4	9
74	The Cornea Press: Restoring Donor Corneas to Normal Dimensions and Hydration Before Cryolathing. Ophthalmic Surgery Lasers and Imaging Retina, 1983, 14, 327-331.	0.4	17
75	Effects of Ag+ on ion transport by the corneal epithelium of the rabbit. Journal of Membrane Biology, 1982, 66, 133-144.	1.0	24
76	Cl TRANSPORT IN RABBIT CORNEA. , 1982, , 199-221.		2
77	The Origins of Sattler's Veil. American Journal of Ophthalmology, 1981, 91, 51-56.	1.7	42
78	Epikeratophakia: The surgical correction of aphakia. I. Lathing of corneal tissue. Current Eye Research, 1981, 1, 123-129.	0.7	69
79	Cell finder speeds impalements with microelectrodes. Pflugers Archiv European Journal of Physiology, 1981, 391, 258-259.	1.3	5
80	Epikeratophakia: The surgical correction of myopia. I. Lathing of corneal tissue. Current Eye Research, 1981, 1, 591-597.	0.7	40
81	In vivo determination of corneal swelling pressure. Experimental Eye Research, 1971, 11, 220-229.	1.2	35
82	Swelling properties of dogfish cornea. Experimental Eye Research, 1969, 8, 429-437.	1.2	9