Wei-Li Chen

List of Publications by Year
in descending order

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		257357	330025
94	2,006	24	37
papers	citations	h-index	g-index

94	94	94	2175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The effect of human platelet lysate on corneal nerve regeneration. British Journal of Ophthalmology, 2021, 105, 884-890.	2.1	12
2	Toxic keratopathy related to antiseptics in nonocular surgery. Taiwan Journal of Ophthalmology, 2021, 11, 179.	0.3	1
3	Neurotrophic keratitis in autoimmune polyglandular syndrome type 1: a case report. BMC Ophthalmology, 2021, 21, 17.	0.6	4
4	Pigment Epithelium-Derived Factor Peptide Promotes Corneal Nerve Regeneration: An In Vivo and In Vitro Study. , 2021, 62, 23.		8
5	Medical device composed of amniotic membrane inhibits the rapid progression of acute calcareous degeneration caused by ocular graft-versus-host disease: Case report. Indian Journal of Ophthalmology Case Reports, 2021, 1, 476.	0.0	1
6	Submicron spatial resolution optical coherence tomography for visualising the 3D structures of cells cultivated in complex culture systems. Scientific Reports, 2021, 11, 3492.	1.6	8
7	Spectral-domain optical coherence tomography for evaluating palisades of Vogt in ocular surface disorders with limbal involvement. Scientific Reports, 2021, 11, 12502.	1.6	1
8	Comparing the results of manual and automated quantitative corneal neuroanalysing modules for beginners. Scientific Reports, 2021, 11, 18208.	1.6	4
9	Review, analysis, and education of antiseptic related ocular injury in the surgical settings. Ocular Surface, 2021, 22, 60-71.	2.2	4
10	Clinical features and outcomes of Acanthamoeba keratitis in a tertiary hospital over 20- year period. Journal of the Formosan Medical Association, 2020, 119, 211-217.	0.8	2
11	Tear cytokine profiling in patients with superior limbic keratoconjunctivitis who underwent medical treatment or in conjunction with surgical management. British Journal of Ophthalmology, 2020, 104, 735-740.	2.1	6
12	Knockdown of IQGAP-1 Enhances Tight Junctions and Prevents P. aeruginosa Invasion of Human Corneal Epithelial Cells. Ocular Immunology and Inflammation, 2020, 28, 876-883.	1.0	3
13	Therapeutic penetrating keratoplasty for microbial keratitis in Taiwan from 2001 to 2014. Journal of the Formosan Medical Association, 2020, 119, 1061-1069.	0.8	18
14	Analysis of P. aeruginosa disinfectant sensitivity and microbial adhesions to worn cosmetic contact lenses. Contact Lens and Anterior Eye, 2020, 43, 338-344.	0.8	3
15	In-Depth Thinking About the Diagnostic Methods and Treatment Strategies for the Corneal Nerves in Ocular Surface Disorders. Current Ophthalmology Reports, 2020, 8, 19-27.	0.5	5
16	Use of white light in vivo confocal microscopy for the detection of spatial changes in the corneal nerves in cases of early-stage Acanthamoeba keratitis with radial keratoneuritis. Indian Journal of Ophthalmology, 2020, 68, 1061.	0.5	4
17	Dermatologic tacrolimus ointment on the eyelids for steroid-refractory vernal keratoconjunctivitis. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 967-974.	1.0	13
18	Traumatic Iridodialysis. New England Journal of Medicine, 2019, 380, 1463-1463.	13.9	4

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19	Microbial Keratitis in Taiwan: A 20-Year Update. American Journal of Ophthalmology, 2019, 205, 74-81.	1.7	33
20	The Neural Differentiation Potential of Limbal Stem Cells: A Model for Studying the Multipotency of Limbal Stem Cells. Cornea, 2019, 38, S4-S10.	0.9	1
21	Rapidly Growing Conjunctival Squamous Cell Carcinoma After Corneal Transplantation in a Patient With Xeroderma Pigmentosum. Transplantation, 2019, 103, e59-e60.	0.5	2
22	Reappraisal of the suitability of corneas from bacteremic donors for use in corneal transplants. British Journal of Ophthalmology, 2019, 103, 1030-1034.	2.1	8
23	Clinicopathologic correlation of ocular surface squamous neoplasia from a university hospital in North Taiwan 1994 to 2014. Journal of the Formosan Medical Association, 2019, 118, 776-782.	0.8	10
24	In Vivo Confocal Microscopic Study of Hard Contact Lensâ€“Induced Lipid Keratopathy Secondary to Corneal Neovascularization in a Rabbit Hypercholesterolemic Model. Eye and Contact Lens, 2018, 44, S325-S332.	0.8	2
25	Pembrolizumab induced acute corneal toxicity after allogeneic stem cell transplantation. Clinical and Experimental Ophthalmology, 2018, 46, 698-700.	1.3	14
26	Mini-Scleral Lenses for Correction of Refractive Errors After Radial Keratotomy. Eye and Contact Lens, 2018, 44, S164-S168.	0.8	10
27	Bilateral Non-tuberculous Mycobacterial Keratitis After Small Incision Lenticule Extraction. Journal of Refractive Surgery, 2018, 34, 633-636.	1.1	13
28	Analysis of SmartPlug Insertionâ€“Related Complications. Eye and Contact Lens, 2018, 44, S333-S337.	0.8	3
29	En Face and Cross-sectional Corneal Tomograms Using Sub-micron spatial resolution Optical Coherence Tomography. Scientific Reports, 2018, 8, 14349.	1.6	14
30	The corneal epitheliotrophic abilities of lyophilized powder form human platelet lysates. PLoS ONE, 2018, 13, e0194345.	1.1	23
31	In vivo Images of Rat Peripheral Cornea and Limbus With Full-Field Optical Coherence Tomography. , 2018, , .		0
32	Surgical result of pterygium extended removal followed by fibrin glue-assisted amniotic membrane transplantation. Journal of the Formosan Medical Association, 2017, 116, 10-17.	0.8	7
33	Microbial Keratitis After Penetrating Keratoplasty. American Journal of Ophthalmology, 2017, 178, 150-156.	1.7	27
34	Surgical Management of Limbal Dermoids Using Anterior Corneal Buttons From Descemet Stripping Automated Endothelial Keratoplasty Donor Tissue as Patch Grafts. Cornea, 2017, 36, 64-67.	0.9	9
35	Monocarboxylate Transporters Mediate Fluorescein Uptake in Corneal Epithelial Cells. , 2017, 58, 3716.		6
36	Comparison of corneal epitheliotrophic capacities among human platelet lysates and other blood derivatives. PLoS ONE, 2017, 12, e0171008.	1.1	28

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37	Effect of air-lifting on the stemness, junctional protein formation, and cytokeratin expression of in vitro cultivated limbal epithelial cell sheets. Taiwan Journal of Ophthalmology, 2017, 7, 205.	0.3	5
38	Serum components and clinical efficacies of autologous serum eye drops in dry eye patients with active and inactive Sjogren syndrome. Taiwan Journal of Ophthalmology, 2017, 7, 213.	0.3	15
39	Endothelial cell loss in penetrating keratoplasty, endothelial keratoplasty, and deep anterior lamellar keratoplasty. Taiwan Journal of Ophthalmology, 2017, 7, 199.	0.3	10
40	Therapy for corneal diseases, layer by layer. Taiwan Journal of Ophthalmology, 2017, 7, 177.	0.3	0
41	A high en-face resolution AS-OCT providing quantitative ability to measure layered corneal opacities. , 2017, , .		0
42	Using optical coherence tomography to assess the role of age and region in corneal epithelium and palisades of vogt. Medicine (United States), 2016, 95, e4234.	0.4	14
43	Therapeutic outcomes of combined topical autologous serum eye drops with siliconeâ€“hydrogel soft contact lenses in the treatment of corneal persistent epithelial defects: A preliminary study. Contact Lens and Anterior Eye, 2016, 39, 425-430.	0.8	21
44	Concordance Between Patient and Clinician Assessment of Dry Eye Severity and Treatment Response in Taiwan. Cornea, 2015, 34, 500-505.	0.9	11
45	Changes of Ocular Surface and the Inflammatory Response in a Rabbit Model of Short-Term Exposure Keratopathy. PLoS ONE, 2015, 10, e0137186.	1.1	14
46	InÂvivo confocal microscopy of bulbar conjunctiva in patients with Graves' ophthalmopathy. Journal of the Formosan Medical Association, 2015, 114, 965-972.	0.8	31
47	Change of Recipient Corneal Endothelial Cells After Non-Descemet's Stripping Automated Endothelial Keratoplasty in a Rabbit Model. Investigative Ophthalmology and Visual Science, 2014, 55, 8467-8474.	3.3	5
48	Anterior Corneal Buttons From DSAEK Donor Tissue Can Be Stored in Optisol GS for Later Use in Tectonic Lamellar Patch Grafting. Cornea, 2014, 33, 555-558.	0.9	13
49	Mechanisms Controlling the Effects of Bevacizumab (Avastin) on the Inhibition of Early but Not Late Formed Corneal Neovascularization. PLoS ONE, 2014, 9, e94205.	1.1	37
50	The role of protein tyrosine phosphorylation in the cellâ€“cell junctions and intercellular permeability of post-confluent bovine corneal epithelial cells. Taiwan Journal of Ophthalmology, 2013, 3, 37-41.	0.3	4
51	Pupil centroid shift and cyclotorsion in bilateral wavefront-guided laser refractive surgery and the correlation between both eyes. Journal of the Formosan Medical Association, 2013, 112, 64-71.	0.8	14
52	Recurrence of Corneal Neovascularization Associated With Lipid Deposition After Subconjunctival Injection of Bevacizumab. Cornea, 2013, 32, 1446-1453.	0.9	13
53	Topical ganciclovir treatment in patients with cytomegalovirus endotheliitis receiving penetrating keratoplasty. Clinical and Experimental Ophthalmology, 2013, 41, 339-347.	1.3	30
54	The influence of corneal wound size on surgically induced corneal astigmatism after phacoemulsification. Journal of the Formosan Medical Association, 2012, 111, 284-289.	0.8	18

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55	Netrin-1 Simultaneously Suppresses Corneal Inflammation and Neovascularization. , 2012, 53, 1285.		63
56	A double-masked study to compare the efficacy and safety of topical cromolyn for the treatment of allergic conjunctivitis. Journal of the Formosan Medical Association, 2011, 110, 690-694.	0.8	3
57	Overexpression of Matrix Metalloproteinase-1 (MMP-1) and MMP-3 in Superior Limbic Keratoconjunctivitis. , 2011, 52, 3701.		12
58	Comparison of Corneal Epitheliotrophic Capacity Among Different Human Bloodâ€“derived Preparations. Cornea, 2011, 30, 208-214.	0.9	22
59	Subconjunctival Injection of Bevacizumab in the Treatment of Corneal Neovascularization Associated With Lipid Deposition. Cornea, 2011, 30, 60-66.	0.9	36
60	Comparison of In Vivo Confocal Microscopic Findings between epi-LASIK Procedures with Different Management of the Epithelial Flaps. , 2011, 52, 3640.		14
61	Migration of Limbal Melanocytes Onto the Central Cornea After Ocular Surface Reconstruction: An In Vivo Confocal Microscopic Case Report. Cornea, 2010, 29, 204-206.	0.9	11
62	Comparison of fluoroquinolones: cytotoxicity on human corneal epithelial cells. Eye, 2010, 24, 909-917.	1.1	31
63	The Different Effects of Early and Late Bevacizumab (Avastin) Injection on Inhibiting Corneal Neovascularization and Conjunctivalization in Rabbit Limbal Insufficiency. , 2010, 51, 6277.		50
64	Manual limbal markings versus iris-registration software for correction of myopic astigmatism by laser in situ keratomileusis. Journal of Cataract and Refractive Surgery, 2010, 36, 431-436.	0.7	32
65	The Effect of Topical Autologous Serum on Graft Re-epithelialization After Penetrating Keratoplasty. American Journal of Ophthalmology, 2010, 150, 352-359.e2.	1.7	46
66	Lens Opacities in Young Individuals Long after Exposure to Protracted Low-Dose-Rate Î³ Radiation in60Co-Contaminated Buildings in Taiwan. Radiation Research, 2010, 173, 197-204.	0.7	29
67	Subconjunctival Injection of Bevacizumab (Avastin) on Corneal Neovascularization in Different Rabbit Models of Corneal Angiogenesis. , 2009, 50, 1659.		74
68	In Vivo Confocal Microscopic Findings of Corneal Wound Healing after Corneal Epithelial Debridement in Diabetic Vitrectomy. Ophthalmology, 2009, 116, 1038-1047.	2.5	66
69	ERK1/2 Activation Regulates the Wound Healing Process of Rabbit Corneal Endothelial Cells. Current Eye Research, 2009, 34, 103-111.	0.7	16
70	Bevacizumab for the Treatment of Corneal Neovascularization. Cornea, 2009, 28, S26-S30.	0.9	2
71	Bilateral Complicated Stromal Dissections During Mechanical Epikeratome Separation of the Corneal Epithelium. Journal of Refractive Surgery, 2009, 25, 626-628.	1.1	6
72	Conjunctival Resection Combined With Tenon Layer Excision and the Involvement of Mast Cells in Superior Limbic Keratoconjunctivitis. American Journal of Ophthalmology, 2008, 145, 445-452.e1.	1.7	20

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73	In Vivo Confocal Microscopic Evaluation of Corneal Wound Healing after Epi-LASIK. , 2008, 49, 2416.		26
74	Recurrent Advancing Wavelike Epitheliopathy From the Opposite Side of the Initial Presentation. Cornea, 2008, 27, 111-113.	0.9	10
75	Comparison of the Bacteriostatic Effects, Corneal Cytotoxicity, and the Ability to Seal Corneal Incisions Among Three Different Tissue Adhesives. Cornea, 2007, 26, 1228-1234.	0.9	62
76	Antibiotic Susceptibility of Bacterial Isolates from Bacterial Keratitis Cases in a University Hospital in Taiwan. American Journal of Ophthalmology, 2007, 144, 682-689.e1.	1.7	36
77	The role of protein tyrosine phosphorylation in the cellâ€“cell interactions, junctional permeability and cell cycle control in post-confluent bovine corneal endothelial cells. Experimental Eye Research, 2007, 85, 259-269.	1.2	14
78	Dendritiform Cells Found in Central Cornea by In-Vivo Confocal Microscopy in a Patient with Mixed Bacterial Keratitis. Ocular Immunology and Inflammation, 2006, 14, 241-244.	1.0	36
79	In-Vitro Effects of Dexamethasone on Cellular Proliferation, Apoptosis, and Na+-K+-ATPase Activity of Bovine Corneal Endothelial Cells. Ocular Immunology and Inflammation, 2006, 14, 215-223.	1.0	47
80	Decreased Density of Corneal Basal Epithelium and Subbasal Corneal Nerve Bundle Changes in Patients with Diabetic Retinopathy. American Journal of Ophthalmology, 2006, 142, 488-490.e1.	1.7	95
81	Dematiaceous fungal keratitis presented as a foreign body-like isolated pigmented corneal plaque: a case report. Eye, 2006, 20, 740-741.	1.1	12
82	A Role for the Mitogen-activated Protein Kinase Kinase Kinase 1 in Epithelial Wound Healing. Molecular Biology of the Cell, 2006, 17, 3446-3455.	0.9	64
83	Overnight Orthokeratology-Associated Microbial Keratitis. Cornea, 2005, 24, 778-782.	0.9	53
84	Soluble Lumican Glycoprotein Purified from Human Amniotic Membrane Promotes Corneal Epithelial Wound Healing. , 2005, 46, 479.		63
85	Effects of SOV-induced phosphatase inhibition and expression of protein tyrosine phosphatases in rat corneal endothelial cells. Experimental Eye Research, 2005, 81, 570-580.	1.2	21
86	Full-Thickness Central Corneal Grafts in Lamellar Keratoscleroplasty to Treat Limbal Dermoids. Ophthalmology, 2005, 112, 1955.e1-1955.e10.	2.5	37
87	Clinical characteristics of microbial keratitis in a university hospital in Taiwan. American Journal of Ophthalmology, 2004, 137, 329-336.	1.7	128
88	Therapeutic penetrating keratoplasty for microbial keratitis in Taiwan from 1987 to 2001. American Journal of Ophthalmology, 2004, 137, 736-743.	1.7	46
89	CILIARY DETACHMENT AFTER PARS PLANA VITRECTOMY. Retina, 2002, 22, 53-58.	1.0	22
90	Removal of semitranslucent cactus spines embedded in deep cornea with the aid of a fiberoptic illuminator. American Journal of Ophthalmology, 2002, 134, 769-771.	1.7	12

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91	Changing Indications for Penetrating Keratoplasty in Taiwan from 1987 to 1999. Cornea, 2001, 20, 141-144.	0.9	71
92	Lenticular Opacities in Populations Exposed to Chronic Low-Dose-Rate Gamma Radiation from Radiocontaminated Buildings in Taiwan. Radiation Research, 2001, 156, 71-77.	0.7	49
93	Surgical results of photorefractive keratectomy with different operative modes. Journal of Cataract and Refractive Surgery, 2000, 26, 879-886.	0.7	3
94	Extending the utility of anterior corneal buttons through refrigeration and glycerol cryopreservation: utility rate and outcome analysis. British Journal of Ophthalmology, 0, , bjophthalmol-2022-321433.	2.1	0