

Hung-Chi Chen

List of Publications by Year in descending order

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Version: 2024-02-01

253
papers

4,085
citations

117625

34
h-index

189892

50
g-index

262
all docs

262
docs citations

262
times ranked

3492
citing authors

#	ARTICLE	IF	CITATIONS
1	Corneal Endothelial Changes Following Early Capsulotomy Using Neodymium:Yttrium-Aluminum-Garnet Laser. <i>Diagnostics</i> , 2022, 12, 150.	2.6	2
2	The Pathomechanism, Antioxidant Biomarkers, and Treatment of Oxidative Stress-Related Eye Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1255.	4.1	47
3	Elevated risk of mood disorders after the occurrence of recurrent retinal detachment: a population-based cohort study. <i>Ophthalmologica</i> , 2022, , .	1.9	0
4	Refractive Changes Following Premature Posterior Capsulotomy Using Neodymium:Yttrium-Aluminum-Garnet Laser. <i>Journal of Personalized Medicine</i> , 2022, 12, 272.	2.5	7
5	An Assessment of Cataract Severity Based on Antioxidant Status and Ascorbic Acid Levels in Aqueous Humor. <i>Antioxidants</i> , 2022, 11, 397.	5.1	7
6	Efficacy of Myopia Control and Distribution of Corneal Epithelial Thickness in Children Treated with Orthokeratology Assessed Using Optical Coherence Tomography. <i>Journal of Personalized Medicine</i> , 2022, 12, 278.	2.5	8
7	Application of a Deep Learning System in Pterygium Grading and Further Prediction of Recurrence with Slit Lamp Photographs. <i>Diagnostics</i> , 2022, 12, 888.	2.6	8
8	Amniotic membrane transplantation in a patient with impending perforated corneal ulcer caused by <i>Streptococcus mitis</i> : A case report and review of literature. <i>World Journal of Clinical Cases</i> , 2022, 10, 3923-3929.	0.8	1
9	Fusarium Keratitis in Taiwan: Molecular Identification, Antifungal Susceptibilities, and Clinical Features. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 476.	3.5	6
10	Myopia in school-aged children with preterm birth: the roles of time spent outdoors and serum vitamin D. <i>British Journal of Ophthalmology</i> , 2021, 105, 468-472.	3.9	7
11	Analysis of aqueous humor total antioxidant capacity and its correlation with corneal endothelial health. <i>Bioengineering and Translational Medicine</i> , 2021, 6, e10199.	7.1	13
12	Extraneous E-Cadherin Engages the Deterministic Process of Somatic Reprogramming through Modulating STAT3 and Erk1/2 Activity. <i>Cells</i> , 2021, 10, 284.	4.1	4
13	Gelatin scaffold with multifunctional curcumin-loaded lipid-PLGA hybrid microparticles for regenerating corneal endothelium. <i>Materials Science and Engineering C</i> , 2021, 120, 111753.	7.3	20
14	Clinical characteristics and topographic findings of corneal ectasia in patients with symptomatic Demodex blepharitis. <i>Taiwan Journal of Ophthalmology</i> , 2021, 11, 146.	0.7	3
15	<i>Streptococcus pneumoniae</i> endophthalmitis: clinical settings, antibiotic susceptibility, and visual outcomes. <i>Scientific Reports</i> , 2021, 11, 6195.	3.3	6
16	<i>Enterococcus faecalis</i> Endophthalmitis: Clinical Settings, Antibiotic Susceptibility, and Management Outcomes. <i>Microorganisms</i> , 2021, 9, 918.	3.6	5
17	Accelerated Corneal Endothelial Cell Loss after Phacoemulsification in Patients with Mildly Low Endothelial Cell Density. <i>Journal of Clinical Medicine</i> , 2021, 10, 2270.	2.4	8
18	MicroRNA-126 inhibits pathological retinal neovascularization via suppressing vascular endothelial growth factor expression in a rat model of retinopathy of prematurity. <i>European Journal of Pharmacology</i> , 2021, 900, 174035.	3.5	4

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19	Sporadic zonular cataract found by scleral penetration. American Journal of Ophthalmology Case Reports, 2021, 22, 101101.	0.7	0
20	Endogenous Conjugation of Biomimetic Dinitrosyl Iron Complex with Protein Vehicles for Oral Delivery of Nitric Oxide to Brain and Activation of Hippocampal Neurogenesis. Jacs Au, 2021, 1, 998-1013.	7.9	24
21	Predisposing Factors for Severe Complications after Cataract Surgery: A Nationwide Population-Based Study. Journal of Clinical Medicine, 2021, 10, 3336.	2.4	4
22	The Association of Diabetic Retinopathy and Cardiovascular Disease: A 13-Year Nationwide Population-Based Cohort Study. International Journal of Environmental Research and Public Health, 2021, 18, 8106.	2.6	10
23	Integrated G2V/V2G Switched Reluctance Motor Drive With Sensing Only Switch-Bus Current. IEEE Transactions on Power Electronics, 2021, 36, 9372-9381.	7.9	15
24	Susceptibility of bacterial endophthalmitis isolates to vancomycin, ceftazidime, and amikacin. Scientific Reports, 2021, 11, 15878.	3.3	14
25	The elevated risk of sight-threatening cataract in diabetes with retinopathy: a retrospective population-based cohort study. BMC Ophthalmology, 2021, 21, 349.	1.4	2
26	Decoupled Design of Voltage Regulating and Balancing Controls for Four-Level Flying Capacitor Converter. IEEE Transactions on Industrial Electronics, 2021, 68, 12152-12161.	7.9	6
27	Clinico-microbiological profile of Burkholderia cepacia keratitis: a case series. Annals of Clinical Microbiology and Antimicrobials, 2021, 20, 6.	3.8	4
28	Long-term survival of cultivated oral mucosal epithelial cells in human cornea: generating cell sheets using an animal product-free culture protocol. Stem Cell Research and Therapy, 2021, 12, 524.	5.5	14
29	Ascorbic acid ameliorates corneal endothelial dysfunction and enhances cell proliferation via the noncanonical GLUT1-ERK axis. Biomedicine and Pharmacotherapy, 2021, 144, 112306.	5.6	7
30	Acute visual loss as the first ocular symptom in a Sjögren's syndrome patient with bilateral common carotid artery occlusion: a case report. BMC Ophthalmology, 2021, 21, 409.	1.4	1
31	Higher Order Aberrations following Scleral Buckling Surgery in Patients with Rhegmatogenous Retinal Detachment. Healthcare (Switzerland), 2021, 9, 1643.	2.0	0
32	Clinical Features and Molecular Characteristics of Methicillin-Susceptible Staphylococcus aureus Ocular Infection in Taiwan. Antibiotics, 2021, 10, 1445.	3.7	5
33	Capturing Pluripotency and Beyond. Cells, 2021, 10, 3558.	4.1	4
34	Paecilomyces/Purpureocillium keratitis: A consecutive study with a case series and literature review. Medical Mycology, 2020, 58, 293-299.	0.7	14
35	Design and Implementation of Four-Switch Current Sensorless Control for Three-Phase PFC Converter. IEEE Transactions on Industrial Electronics, 2020, 67, 3307-3312.	7.9	10
36	A Simple Control Strategy Extending Intrinsic Current Balancing Characteristics to Achieve a Full Operating Range for Interleaved Voltage-Doubler Boost DC-DC Converters. IEEE Transactions on Industry Applications, 2020, 56, 436-445.	4.9	9

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37	Correction of Myopic Astigmatism with Topography-Guided Laser In Situ Keratomileusis (TOPOLINK). <i>Healthcare (Switzerland)</i> , 2020, 8, 477.	2.0	2
38	The Existence of Periodontal Disease and Subsequent Ocular Diseases: A Population-Based Cohort Study. <i>Medicina (Lithuania)</i> , 2020, 56, 621.	2.0	8
39	Filamentous Fungal Keratitis in Taiwan: Based on Molecular Diagnosis. <i>Translational Vision Science and Technology</i> , 2020, 9, 32.	2.2	10
40	Accelerated corneal endothelial cell loss in two patients with granulomatosis with polyangiitis following phacoemulsification. <i>BMC Ophthalmology</i> , 2020, 20, 480.	1.4	4
41	The Development of Dry Eye Disease after Surgery-Indicated Chronic Rhinosinusitis: A Population-Based Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3829.	2.6	2
42	Bioengineering of Human Corneal Endothelial Cells from Single- to Four-Dimensional Cultures. <i>Current Ophthalmology Reports</i> , 2020, 8, 172-184.	1.2	2
43	Revisiting Existing Evidence of Corneal Endothelial Progenitors and Their Potential Therapeutic Applications in Corneal Endothelial Dysfunction. <i>Advances in Therapy</i> , 2020, 37, 1034-1048.	2.9	7
44	Clinical demographics of pterygium excision and prevalence of conjunctival intraepithelial neoplasia: a 15-year review. <i>International Ophthalmology</i> , 2020, 40, 1781-1788.	1.4	8
45	Topical Ascorbic Acid Ameliorates Oxidative Stress-Induced Corneal Endothelial Damage via Suppression of Apoptosis and Autophagic Flux Blockage. <i>Cells</i> , 2020, 9, 943.	4.1	20
46	Lysophosphatidic acid improves corneal endothelial density in tissue culture by stimulating stromal secretion of interleukin-1 β . <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 6596-6608.	3.6	3
47	Proposed measures to be taken by ophthalmologists during the coronavirus disease 2019 pandemic: Experience from Chang Gung Memorial Hospital, Linkou, Taiwan. <i>Taiwan Journal of Ophthalmology</i> , 2020, 10, 80.	0.7	7
48	Ocular manifestation, comorbidities, and detection of severe acute respiratory syndrome-coronavirus 2 from conjunctiva in coronavirus disease 2019: A systematic review and meta-analysis. <i>Taiwan Journal of Ophthalmology</i> , 2020, 10, 153.	0.7	19
49	Potential Role and Significance of Ocular Demodicosis in Patients with Concomitant Refractory Herpetic Keratitis. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 4469-4482.	1.8	8
50	The development of optic neuropathy after chronic rhinosinusitis: A population-based cohort study. <i>PLoS ONE</i> , 2019, 14, e0220286.	2.5	5
51	Dermatologic Vasculature Diseases as a Risk Factor of Subconjunctival Hemorrhage. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2865.	2.6	1
52	Increased Incidence of Glaucoma in Sensorineural Hearing Loss: A Population-Based Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2907.	2.6	7
53	Perioperative topical ascorbic acid for the prevention of phacoemulsification-related corneal endothelial damage: Two case reports and review of literature. <i>World Journal of Clinical Cases</i> , 2019, 7, 642-649.	0.8	9
54	<p>Retinal angiographic alteration in diabetic macular edema after dexamethasone implantation: a case report</p>. <i>International Medical Case Reports Journal</i> , 2019, Volume 12, 277-283.	0.8	1

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55	Increased incidence of age-related macular degeneration in sensorineural hearing loss: A population-based cohort study. PLoS ONE, 2019, 14, e0222919.	2.5	1
56	Early Macular Angiography among Patients with Glaucoma, Ocular Hypertension, and Normal Subjects. Journal of Ophthalmology, 2019, 2019, 1-7.	1.3	21
57	Risk factors for the occurrence of visual-threatening posterior capsule opacification. Journal of Translational Medicine, 2019, 17, 209.	4.4	16
58	Extracellular Matrix Protein Coating of Processed Fish Scales Improves Human Corneal Endothelial Cell Adhesion and Proliferation. Translational Vision Science and Technology, 2019, 8, 27.	2.2	15
59	Correlation between Basal Macular Circulation and Following Glaucomatous Damage in Progressed High-Tension and Normal-Tension Glaucoma. Ophthalmic Research, 2019, 62, 46-54.	1.9	6
60	The Development of Keratopathy after Surgery-Indicated Chronic Rhinosinusitis: A Population-Based Cohort Study. International Journal of Environmental Research and Public Health, 2019, 16, 1218.	2.6	2
61	The Development of Glaucoma after Surgery-Indicated Chronic Rhinosinusitis: A Population-Based Cohort Study. International Journal of Environmental Research and Public Health, 2019, 16, 4456.	2.6	3
62	Integrated Driving/Charging/Discharging Battery-Powered Four-Phase Switched Reluctance Motor Drive With Two Current Sensors. IEEE Transactions on Power Electronics, 2019, 34, 5019-5022.	7.9	16
63	Changes in corneal endothelial density following scleral buckling surgery for rhegmatogenous retinal detachment: a retrospective cross-sectional study. BMC Ophthalmology, 2019, 19, 3.	1.4	1
64	Gout as a Risk Factor for Dry Eye Disease: A Population-Based Cohort Study. Journal of Clinical Medicine, 2019, 8, 62.	2.4	8
65	Active Capacitor Voltage Balancing Control for Three-Level Flying Capacitor Boost Converter Based on Average-Behavior Circuit Model. IEEE Transactions on Industry Applications, 2019, 55, 1628-1638.	4.9	33
66	Ileocecal vascularized lymph node transfer for the treatment of extremity lymphedema: A case report. Microsurgery, 2019, 39, 81-84.	1.3	13
67	Prevalence of microbial contamination in donor corneas. Taiwan Journal of Ophthalmology, 2019, 9, 179.	0.7	2
68	Optimization of reprogramming culture conditions for the generation of induced pluripotent stem cells from Col1a1 ^{Cre} Oct4 ^{Cre} GFP mice with high efficiency. FEBS Journal, 2018, 285, 1667-1683.	4.7	3
69	Cataract surgery in patients with corneal opacities. BMC Ophthalmology, 2018, 18, 106.	1.4	15
70	Active capacitor voltage balancing control for three-level flying capacitor boost converter. , 2018, , .		13
71	Design and Implementation of Three-Phase Current Sensorless Control for PFC Bridge Converter With Considering Voltage Drops of Power Semiconductors. IEEE Transactions on Industrial Electronics, 2018, 65, 9234-9242.	7.9	9
72	Vascularized appendicular lymph node transfer for treatment of extremity lymphedema: A case report. Microsurgery, 2018, 38, 553-557.	1.3	14

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73	The pineapple technique for excision of large plexiform neurofibromas. <i>European Journal of Plastic Surgery</i> , 2018, 41, 97-100.	0.6	0
74	Histo-anatomical basis of the gastroepiploic vascularized lymph node flap: The overlooked "micro" lymph nodes. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018, 71, 118-120.	1.0	15
75	Decoupled Master-Slave Current Balancing Control for Three-Phase Interleaved Boost Converters. <i>IEEE Transactions on Power Electronics</i> , 2018, 33, 3683-3687.	7.9	51
76	Blepharitis as an early sign of metabolic syndrome: a nationwide population-based study. <i>British Journal of Ophthalmology</i> , 2018, 102, 1283-1287.	3.9	8
77	Effect of Uveitis on the Development of Keratopathy: A Population-Based Cohort Study. , 2018, 59, 5053.		5
78	Increased risk of keratopathy after psoriasis: A nationwide population-based study. <i>PLoS ONE</i> , 2018, 13, e0201285.	2.5	8
79	Paper-Based Microfluidic Platforms for Understanding the Role of Exosomes in the Pathogenesis of Major Blindness-Threatening Diseases. <i>Nanomaterials</i> , 2018, 8, 310.	4.1	11
80	Effect of deacetylation degree on controlled pilocarpine release from injectable chitosan-g-poly(N-isopropylacrylamide) carriers. <i>Carbohydrate Polymers</i> , 2018, 197, 375-384.	10.2	28
81	Photorefractive keratectomy for correcting residual refractive error following cataract surgery with premium intraocular lens implantation. <i>Taiwan Journal of Ophthalmology</i> , 2018, 8, 149.	0.7	10
82	Oculomotor palsy as a single presenting sign of midbrain hemorrhage. <i>Taiwan Journal of Ophthalmology</i> , 2018, 8, 108.	0.7	2
83	The venous lymph node flap for the treatment of peripheral lymphedema: Preliminary evidence. <i>Microsurgery</i> , 2017, 37, 86-87.	1.3	4
84	Pearls and pitfalls of voice reconstruction after pharyngolaryngectomy using the ileocolon free flap. <i>Microsurgery</i> , 2017, 37, 453-454.	1.3	5
85	Delayed grafting for banked skin graft in lymph node flap transfer. <i>International Wound Journal</i> , 2017, 14, 125-129.	2.9	5
86	The laparoscopic right gastroepiploic lymph node flap transfer for upper and lower limb lymphedema: Technique and outcomes. <i>Microsurgery</i> , 2017, 37, 197-205.	1.3	75
87	Free Tissue Transfers for Head and Neck Reconstruction in Patients with End-Stage Renal Disease on Dialysis: Analysis of Outcomes Using the Taiwan National Health Insurance Research Database. <i>Journal of Reconstructive Microsurgery</i> , 2017, 33, 587-591.	1.8	7
88	A Discontinuous Space Vector PWM Algorithm in abc Reference Frame for Multilevel Three-Phase Cascaded H-Bridge Voltage Source Inverters. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 8406-8414.	7.9	20
89	Current sensorless control for dual-boost full-bridge PFC converter. , 2017, , .		1
90	Early Markers of Angiogenesis and Ischemia during Bowel Conduit Neovascularization. <i>Journal of Reconstructive Microsurgery</i> , 2017, 33, 605-611.	1.8	5

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91	Subconjunctival injection of bevacizumab for recurrent conjunctival papilloma: a case report. Canadian Journal of Ophthalmology, 2017, 52, e156-e159.	0.7	4
92	Double gastroepiploic vascularized lymph node transfers to middle and distal limb for the treatment of lymphedema. Microsurgery, 2017, 37, 771-779.	1.3	62
93	Laparoscopic harvest of ileocolon flap in pharyngoesophageal reconstruction. Microsurgery, 2017, 37, 737-738.	1.3	8
94	Comparison of long-term clinical outcomes among different vascularized lymph node transfers: 6-year experience of a single center's approach to the treatment of lymphedema. Journal of Surgical Oncology, 2017, 116, 671-682.	1.7	64
95	Asymptomatic Meibomian Gland Dysfunction and Cardiovascular Disease Risk Factors in a Middle-Aged Population in Taiwan - A Cross-sectional Analysis. Scientific Reports, 2017, 7, 4935.	3.3	13
96	Shifting trends in microbial keratitis following penetrating keratoplasty in Taiwan. Medicine (United Tj ETQqO O 0 rgBT /Overlock 10 TF 5	1.0	14
97	Simultaneous vascularized lymph node transfer and carpal tunnel release for treatment of advanced stage of breast-related lymphedema with carpal tunnel syndrome. Microsurgery, 2017, 37, 745-746.	1.3	3
98	Successful Surgical Treatment of Intractable Chylous Ascites Using the Lymphatic Cable Flap: A Retrospective Review Study. World Journal of Surgery, 2017, 41, 3100-3104.	1.6	5
99	The retrograde transverse cervical artery as a recipient vessel for free tissue transfer in complex head and neck reconstruction with a vessel-depleted neck. Microsurgery, 2017, 37, 902-909.	1.3	25
100	Fluorescein Isothiocyanate. Annals of Plastic Surgery, 2017, 78, S296-S298.	0.9	32
101	The split vein graft to avoid kinking and compression of the vascular pedicle. Microsurgery, 2017, 37, 739-740.	1.3	9
102	Optimizing Outcomes following Total and Subtotal Tongue Reconstruction: A Systematic Review of the Contemporary Literature. Journal of Reconstructive Microsurgery, 2017, 33, 103-111.	1.8	36
103	Digital Current Sensorless Control for Dual-Boost Half-Bridge PFC Converter With Natural Capacitor Voltage Balancing. IEEE Transactions on Power Electronics, 2017, 32, 4074-4083.	7.9	20
104	A head-to-head comparison among donor site morbidity after vascularized lymph node transfer: Pearls and pitfalls of a 6-year single center experience. Journal of Surgical Oncology, 2017, 115, 37-42.	1.7	44
105	Neovascularization Failure of an Interposed Free Intestinal Colon Flap 10 Years after Esophageal Reconstruction. Journal of Reconstructive Microsurgery Open, 2017, 02, e35-e36.	0.2	3
106	Microsurgical dissection of facial nerve in parotidectomy: a discussion of techniques and long-term results. Gland Surgery, 2017, 6, 308-314.	1.1	13
107	Surgical outcome of deep anterior lamellar keratoplasty with air-assisted manual dissection for corneas with previous inflammation or fibrosis. Taiwan Journal of Ophthalmology, 2017, 7, 191.	0.7	6
108	Recurrent Advanced Lower Extremity Lymphedema Following Initial Successful Vascularized Lymph Node Transfer: A Clinical and Histopathological Analysis. Archives of Plastic Surgery, 2017, 44, 87-89.	0.9	7

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109	Shifting Trends in Bacterial Keratitis in Taiwan. <i>Cornea</i> , 2016, 35, 313-317.	1.7	58
110	The venous lymph node flap. <i>Microsurgery</i> , 2016, 36, 527-528.	1.3	1
111	The latissimus dorsi-groin lymph node compound flap: A comprehensive technique with three features including skin coverage, restoration of motor function, and prevention of upper limb lymphedema. <i>Microsurgery</i> , 2016, 36, 689-694.	1.3	9
112	The combined transverse upper gracilis and profunda artery perforator (TUGPAP) flap for breast reconstruction. <i>Microsurgery</i> , 2016, 36, 359-366.	1.3	36
113	Speed control for two series-connected five-phase permanent-magnet synchronous motors without position sensor. , 2016, , .		3
114	Pelvic-perineal reconstruction with the combined transverse upper gracilis and profunda artery perforator (TUG-PAP) flap. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016, 69, 573-575.	1.0	10
115	The Venous Lymph Node Flap: Concepts, Experimental Evidence, and Potential Clinical Implications. <i>Journal of Reconstructive Microsurgery</i> , 2016, 32, 625-631.	1.8	10
116	Preservation of epithelial progenitor cells from collagenase-digested oral mucosa during ex vivo cultivation. <i>Scientific Reports</i> , 2016, 6, 36266.	3.3	20
117	Recurrent Fungal Keratitis and Blepharitis Caused by <i>Aspergillus flavus</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 1216-1218.	1.4	8
118	Average current method to detect open-winding fault of three-phase permanent magnet synchronous motors. , 2016, , .		1
119	Design and implementation of two single-phase AC voltage sources with six-switch inverter. , 2016, , .		1
120	A method to preserve limbus during penetrating keratoplasty for a case of presumed PHACES syndrome with sclerocornea. <i>Medicine (United States)</i> , 2016, 95, e4938.	1.0	4
121	Clinical Characteristics of <i>Stenotrophomonas maltophilia</i> Keratitis. <i>Cornea</i> , 2016, 35, 795-800.	1.7	18
122	Improved voice function with anastomosis between somatic and autonomic nerve when ileocolon flap is used for simultaneous reconstruction of esophagus and voice. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2016, 69, e166-e167.	1.0	3
123	Backup procedures following complicated gastric pull-up procedure for esophageal reconstruction: Salvage with intestinal flaps. <i>Microsurgery</i> , 2016, 36, 567-572.	1.3	13
124	Simultaneous reconstruction of the oral commissure, lip and buccal mucosa with microvascular transfer of combined first-second toe web and dorsalis pedis flap. <i>International Wound Journal</i> , 2016, 13, 787-790.	2.9	2
125	Septum-based cervical lymph-node free flap in rat: a new model. <i>Journal of Surgical Research</i> , 2016, 201, 1-12.	1.6	14
126	Decoupled Current-Balancing Control With Single-Sensor Sampling-Current Strategy For Two-Phase Interleaved Boost-Type Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2016, 63, 1507-1518.	7.9	31

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127	Preservation of human limbal epithelial progenitor cells on carbodiimide cross-linked amniotic membrane via integrin-linked kinase-mediated Wnt activation. <i>Acta Biomaterialia</i> , 2016, 31, 144-155.	8.3	33
128	Evaluation of peripheral microcirculation improvement of foot after tarsal tunnel release in diabetic patients by transcutaneous oximetry. <i>Microsurgery</i> , 2016, 36, 37-41.	1.3	24
129	Robotic Harvest of a Right Gastroepiploic Lymph Node Flap. <i>Archives of Plastic Surgery</i> , 2016, 43, 210-212.	0.9	23
130	Methicillin-Resistant <i>Staphylococcus aureus</i> Ocular Infection in Taiwan. <i>Medicine (United States)</i> , 2015, 94, e1620.	1.0	18
131	Application of multi-dimensional feedback quantized modulation to inverter-fed two cascaded electrodynamic shakers. , 2015, , .		1
132	True Functional Reconstruction of Total or Subtotal Glossectomy Defects Using a Chimeric Anterolateral Thigh Flap With Both Sensorial and Motor Innervation. <i>Annals of Plastic Surgery</i> , 2015, 74, 557-564.	0.9	33
133	Lysophosphatidic acid induces YAP-promoted proliferation of human corneal endothelial cells via PI3K and ROCK pathways. <i>Molecular Therapy - Methods and Clinical Development</i> , 2015, 2, 15014.	4.1	41
134	Risk Factors and Microbiological Features of Patients Hospitalized for Microbial Keratitis. <i>Medicine (United States)</i> , 2015, 94, e1905.	1.0	44
135	Functional Outcome Analysis After Anterolateral Thigh Flap Reconstruction of Pharyngoesophageal Defect. <i>Annals of Plastic Surgery</i> , 2015, 75, 174-179.	0.9	19
136	Modified Interleaved Current Sensorless Control for Three-Level Boost PFC Converter With Considering Voltage Imbalance and Zero-Crossing Current Distortion. <i>IEEE Transactions on Industrial Electronics</i> , 2015, 62, 6896-6904.	7.9	38
137	End-to-patch anastomosis for microvascular transfer of free flaps with small pedicle. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015, 68, 559-564.	1.0	10
138	Free lymph node flap transfer and laser-assisted liposuction: a combined technique for the treatment of moderate upper limb lymphedema. <i>Lasers in Medical Science</i> , 2015, 30, 1377-1385.	2.1	52
139	Keyhole anterolateral thigh flap: A special way of partition for reconstruction around a protruding structure or cavity/tunnel. <i>Microsurgery</i> , 2015, 35, 356-363.	1.3	12
140	Current sensorless control for dual-boost half-bridge PFC converter. , 2015, , .		0
141	Potential Use of Transferred Lymph Nodes as Metastasis Detectors after Tumor Excision. <i>Archives of Plastic Surgery</i> , 2015, 42, 478.	0.9	5
142	Technical Considerations to Avoid Microvascular Complications during Groin Lymph Node Free Flap Transfer. <i>Archives of Plastic Surgery</i> , 2015, 42, 650.	0.9	8
143	Modified Charlesâ€™™ Procedure and Its Combination with Lymph Node Flap Transfer for Advanced Lymphedema. , 2015, , 289-299.		1
144	Clinical Characteristics of <i>Alternaria</i> Keratitis. <i>Journal of Ophthalmology</i> , 2014, 2014, 1-7.	1.3	15

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145	Morphological and morphometric evaluation of the ilium, fibula, and scapula bones for oral and maxillofacial reconstruction. <i>Microsurgery</i> , 2014, 34, 638-645.	1.3	14
146	Multiloop Interleaved Control for Three-Level Switch-Mode Rectifier in AC/DC Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2014, 61, 3210-3219.	7.9	18
147	Infectious Scleritis in Taiwan—A 10-Year Review in a Tertiary-Care Hospital. <i>Cornea</i> , 2014, 33, 838-843.	1.7	34
148	Single-stage DC generating system fed by simulator of PMSM wind turbine. , 2014, , .		0
149	Pediatric Microbial Keratitis in Taiwan: Clinical and Microbiological Profiles, 1998—2002 Versus 2008—2012. <i>American Journal of Ophthalmology</i> , 2014, 157, 1090-1096.e1.	3.3	49
150	MPPT and Voltage Balancing Control With Sensing Only Inductor Current for Photovoltaic-Fed, Three-Level, Boost-Type Converters. <i>IEEE Transactions on Power Electronics</i> , 2014, 29, 29-35.	7.9	62
151	Bidirectional Current Sensorless Control for the Full-Bridge AC/DC Converter With Considering Both Inductor Resistance and Conduction Voltages. <i>IEEE Transactions on Power Electronics</i> , 2014, 29, 2071-2082.	7.9	36
152	A Novel Control Strategy of Circulating Currents in Paralleled Single-Phase Boost Converters With Different Power Sharing for Microgrid Applications. <i>IEEE Transactions on Industry Applications</i> , 2014, 50, 1304-1312.	4.9	25
153	Interleaved Current Sensorless Control for Multiphase Boost-Type Switch-Mode Rectifier With Phase-Shedding Operation. <i>IEEE Transactions on Industrial Electronics</i> , 2014, 61, 766-775.	7.9	24
154	Modified interleaved current sensorless control for three-level boost PFC converter with asymmetric loads. , 2014, , .		2
155	A comparison study of boost and Buck-boost power factor corrector for ultra-wide input voltage range applications. , 2014, , .		2
156	Microsurgical debulking procedure after free lymph node flap transfer. <i>Microsurgery</i> , 2014, 34, 670-671.	1.3	18
157	High-Efficiency Current Control Methods Based on Multidimensional Feedback Quantization and Its Application to Three-Phase PMSM. <i>IEEE Transactions on Industrial Electronics</i> , 2014, 61, 5820-5829.	7.9	11
158	Design and Implementation of Sensorless Capacitor Voltage Balancing Control for Three-Level Boosting PFC. <i>IEEE Transactions on Power Electronics</i> , 2014, 29, 3808-3817.	7.9	25
159	Position sensorless control for five-phase permanent-magnet synchronous motors. , 2014, , .		7
160	Simultaneous pectoralis major-latissimus dorsi myocutaneous flap: An option of reconstruction for open sternal wounds. <i>Formosan Journal of Surgery</i> , 2014, 47, 150-155.	0.2	1
161	Input current control for bridgeless PFC converter without sensing current. , 2014, , .		5
162	Sequential multi-layered hemostatic sutures for stepwise removal of arteriovenous malformations: The pineapple technique. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 581-582.	1.0	3

#	ARTICLE	IF	CITATIONS
163	Epithelial phenotype in total sclerocornea. <i>Molecular Vision</i> , 2014, 20, 468-79.	1.1	4
164	Design of buck-type current source inverter fed brushless DC motor drive and its application to position sensorless control with square-wave current. <i>IET Electric Power Applications</i> , 2013, 7, 416-426.	1.8	35
165	Speed control for buck-type current source inverter fed BDCM without position sensors. , 2013, , .		1
166	Three-level boosting MPPT control with reduced number of sensors. , 2013, , .		1
167	Multi-dimensional feedback quantized modulation used in three-phase PMSM motor current control. , 2013, , .		0
168	Common mode and differential mode circulating-current control in paralleled single-phase boost rectifiers. , 2013, , .		3
169	Digital implementation of GaN-based inverter for permanent magnet electrodynamic shaker. , 2013, , .		0
170	Current control for single-inverter-fed series-connected five-phase PMSMs. , 2013, , .		5
171	Wnt signaling induces epithelial-to-mesenchymal transition with proliferation in ARPE-19 cells upon loss of contact inhibition. <i>Laboratory Investigation</i> , 2012, 92, 676-687.	3.7	87
172	DSP-based current control with dead-time compensation for full-bridge-fed permanent-magnet electrodynamic shaker. , 2012, , .		2
173	Current sensorless control for bidirectional full-bridge converter in DC distributed system. , 2012, , .		0
174	A novel control strategy of circulating currents in parallel single-phase boost rectifiers. , 2012, , .		6
175	Power quality monitoring and control for DFIG wind generation. , 2012, , .		1
176	Nuclear p120 catenin unlocks mitotic block of contact-inhibited human corneal endothelial monolayers without disrupting adherent junctions. <i>Journal of Cell Science</i> , 2012, 125, 3636-3648.	2.0	95
177	Acceleration harmonics reduction for electrodynamic shaker fed by cascaded H-bridge inverter. , 2012, , .		4
178	Selective Activation of p120 ^{Ctn} -Kaiso Signaling to Unlock Contact Inhibition of ARPE-19 Cells without Epithelial-Mesenchymal Transition. <i>PLoS ONE</i> , 2012, 7, e36864.	2.5	19
179	Dynamic Modeling and Controller Design for a Single-Stage Single-Switch Parallel Boost-Flyback-to-Flyback Converter. <i>IEEE Transactions on Power Electronics</i> , 2012, 27, 816-827.	7.9	26
180	Early Keratectomy in the Treatment of Moderate Fusarium Keratitis. <i>PLoS ONE</i> , 2012, 7, e42126.	2.5	12

#	ARTICLE	IF	CITATIONS
181	An Isolated Full-Bridge DC-DC Converter With 1-MHz Bidirectional Communication Channel. IEEE Transactions on Industrial Electronics, 2011, 58, 4407-4413.	7.9	15
182	Reply: Comparison between Fasciocutaneous and Jejunum Flaps in Pharyngolaryngoesophageal Reconstruction. Plastic and Reconstructive Surgery, 2011, 127, 2126-2128.	1.4	0
183	An innovative design for reconstruction of plantar heel by split partially overlapping anterolateral thigh flap. European Journal of Plastic Surgery, 2011, 34, 403-407.	0.6	3
184	Modified Single-Loop Current Sensorless Control for Single-Phase Boost-Type SMR With Distorted Input Voltage. IEEE Transactions on Power Electronics, 2011, 26, 1322-1328.	7.9	38
185	Multiloop interleaved control for two-switch two-capacitor three-level SMR without capacitor voltage balancing loop. , 2011, , .		4
186	Reconstruction of the Esophagus and Voice. Plastic and Reconstructive Surgery, 2010, 126, 471-485.	1.4	17
187	Preservation of Toes in Advanced Lymphedema. Annals of Plastic Surgery, 2010, 64, 446-450.	0.9	17
188	DSP-based current control for inverter-fed permanent-magnet electrodynamic shaker. , 2010, , .		2
189	Modeling and Small-Signal Analysis of a Switch-Mode Rectifier With Single-Loop Current Sensorless Control. IEEE Transactions on Power Electronics, 2010, 25, 75-84.	7.9	21
190	Effects of hyperbaric oxygen on the replanted extremity subjected to prolonged warm ischaemia. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2010, 63, 532-537.	1.0	12
191	Position sensorless BDCM control with repetitive position-dependent load torque. , 2010, , .		4
192	PMSM sensorless control with Coordinate Rotation Digital Computer. , 2010, , .		0
193	Jejunum flap. , 2009, , 225-247.		0
194	Tissue Plug Technique for Management of Large Chronic Empyema Defects and Bronchopleural Fistulas. Journal of Reconstructive Microsurgery, 2009, 25, 213-218.	1.8	4
195	Analysis and Design of a Single-Stage Parallel AC-to-DC Converter. IEEE Transactions on Power Electronics, 2009, 24, 2989-3002.	7.9	40
196	Single-Loop Current Sensorless Control for Single-Phase Boost-Type SMR. IEEE Transactions on Power Electronics, 2009, 24, 163-171.	7.9	63
197	BDCM sensorless control for twelve-step square-wave PWM. , 2009, , .		4
198	Phase Feedforward Control for Single-Phase Boost-Type SMR. IEEE Transactions on Power Electronics, 2009, 24, 1428-1432.	7.9	9

#	ARTICLE	IF	CITATIONS
199	Comparisons of six-step square-wave PWMs in ultra-low-power SOC integration. , 2009, , .		0
200	Life after Intentional Corrosive Ingestion: Combining Esophageal Reconstruction with Aesthetic Procedures. Plastic and Reconstructive Surgery, 2009, 124, 448e-449e.	1.4	0
201	The Occlusion-Adjusted Prefabricated 3D Mirror Image Templates by Computer Simulation. Annals of Plastic Surgery, 2009, 63, 517-521.	0.9	13
202	Doctorsâ€™ emotional intelligence and the patientâ€™ doctor relationship. Medical Education, 2008, 42, 703-711.	2.1	91
203	Current sensorless control for single-phase boost-type SMR. IEEE Applied Power Electronics Conference and Exposition, 2008, , .	0.0	2
204	The venous flap â€“ a safe alternative to the simple vein graft in a special situation. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2008, 61, 434-437.	1.0	3
205	Duty Phase Control for Single-Phase Boost-Type SMR. IEEE Transactions on Power Electronics, 2008, 23, 1927-1934.	7.9	17
206	Augmentation of Venous Drainage by a Venous Anastomosis for Pedicled Flaps. Journal of Reconstructive Microsurgery, 2008, 24, 369-376.	1.8	17
207	Phase feedforward control for single-phase boost-type SMR. IEEE Applied Power Electronics Conference and Exposition, 2008, , .	0.0	2
208	Perforators in Local Peninsular and Island Flaps: Are They Always Useful?. Plastic and Reconstructive Surgery, 2008, 121, 1864-1865.	1.4	0
209	Novel Duty Phase Control for Single-Phase Boost-Type SMR. , 2007, , .		1
210	Robust BDCM Sensorless Control With Position-Dependent Load Torque. , 2007, , .		2
211	Surgical Treatment of Persistent Dysphagia in Stroke Patients Using a Newly Reconstructed Conduit from the Anterior Mouth. Journal of Reconstructive Microsurgery, 2007, 23, 283-288.	1.8	2
212	Prefabrication of the Free Fibula Osteocutaneous Flap to Create a Functional Human Penis Using a Controlled Fistula Method. Journal of Reconstructive Microsurgery, 2007, 23, 151-154.	1.8	6
213	Radical Reduction of Lymphedema With Preservation of Perforators. Annals of Plastic Surgery, 2007, 59, 173-179.	0.9	37
214	Dysphasia due to solitary jejunal diverticulum after free jejunal transfer for reconstruction of the cervical oesophagus. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2006, 59, 874-877.	1.0	1
215	Free microvascular transfer of the reverse ileo-colon flap with ileocaecal valve valvuloplasty for reconstruction of a pharyngoesophageal defect: indication and usage of the â€“funnel flapâ€™. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2006, 59, 1241-1246.	1.0	12
216	Voice reconstruction using the free ileocolon flap versus the pneumatic artificial larynx: a comparison of patients' preference and experience following laryngectomy. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2006, 59, 1269-1275.	1.0	16

#	ARTICLE	IF	CITATIONS
217	Amniotic Membrane Transplantation for Persistent Corneal Ulcers and Perforations in Acute Fungal Keratitis. <i>Cornea</i> , 2006, 25, 564-572.	1.7	58
218	The Balloon as an Internal Bolster for Skin Grafts. <i>Annals of Plastic Surgery</i> , 2006, 56, 226-227.	0.9	1
219	Extraperitoneal Approach for Closure of Epithelized Enterocutaneous Fistulas Following Late Removal of Jejunostomy Tube. <i>Annals of Plastic Surgery</i> , 2006, 57, 585-588.	0.9	0
220	Free Flaps Harvested from Paralytic Lower Extremities in Patients with Late Polio Sequel. <i>Plastic and Reconstructive Surgery</i> , 2006, 118, 5e-7e.	1.4	5
221	Principles for the management of toe-to-hand transfer in reexploration: toe salvage with a tubed groin flap in the last step. <i>Microsurgery</i> , 2006, 26, 100-105.	1.3	9
222	Repair of buccal defects with anterolateral thigh flaps. <i>Microsurgery</i> , 2006, 26, 182-189.	1.3	26
223	Guidelines for the optimization of microsurgery in atherosclerotic patients. <i>Microsurgery</i> , 2006, 26, 356-362.	1.3	60
224	Comparisons of Voltage Spectrum in RFPWM Scheme. , 2006, , .		0
225	Deltpectoral flap revisited: Role of the extended flap in reconstruction of the head and neck. <i>Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery</i> , 2006, 40, 275-280.	0.6	17
226	Selection of Recipient Vessels in Double Free-Flap Reconstruction of Composite Head and Neck Defects. <i>Plastic and Reconstructive Surgery</i> , 2005, 115, 1553-1561.	1.4	82
227	RECONSTRUCTION OF THE RECONSTRUCTIVE LADDER. <i>Plastic and Reconstructive Surgery</i> , 2005, 115, 2174.	1.4	24
228	Tubed Deltpectoral Flap for Creation of a Controlled Esophagocutaneous Fistula in Patients With Persistent Choking Following Esophageal Reconstruction With Free Diversionary Jejunum. <i>Annals of Plastic Surgery</i> , 2005, 55, 648-653.	0.9	10
229	Simultaneous Double Second Toe Transfer for Reconstruction of Adjacent Fingers. <i>Plastic and Reconstructive Surgery</i> , 2005, 115, 1064-1069.	1.4	29
230	Intussusception of a Transferred Jejunal Flap in Cervical Esophagus Reconstruction. <i>Annals of Plastic Surgery</i> , 2005, 55, 327-329.	0.9	5
231	Advancement of the endoscopic assisted microsurgery: a clinical experience. <i>European Journal of Plastic Surgery</i> , 2005, 28, 272-275.	0.6	3
232	Extended Trapezius Myocutaneous Free Flap for the Reconstruction of a Foot Defect Lacking Adjacent Recipient Vessels. <i>Journal of Reconstructive Microsurgery</i> , 2004, 20, 599-603.	1.8	3
233	Reconstruction of the hand and upper limb with free flaps based on musculocutaneous perforators. <i>Microsurgery</i> , 2004, 24, 270-280.	1.3	51
234	Switch-Mode Rectifier With Digital Robust Ripple Compensation and Current Waveform Controls. <i>IEEE Transactions on Power Electronics</i> , 2004, 19, 560-566.	7.9	24

#	ARTICLE	IF	CITATIONS
235	“Airborne” Suture Tying Technique for the Microvascular Anastomosis. <i>Plastic and Reconstructive Surgery</i> , 2004, 113, 1225-1228.	1.4	20
236	Comparison of the Radial Forearm Flap and the Thinned Anterolateral Thigh Cutaneous Flap for Reconstruction of Tongue Defects: An Evaluation of Donor-Site Morbidity. <i>Plastic and Reconstructive Surgery</i> , 2004, 114, 1704-1710.	1.4	125
237	Anterolateral thigh flap: an ideal soft tissue flap. <i>Clinics in Plastic Surgery</i> , 2003, 30, 383-401.	1.5	145
238	A New Method of Subcutaneous Placement of Free Jejunal Flaps to Reconstruct a Diversionary Conduit for Swallowing in Complicated Pharyngoesophageal Injury. <i>Plastic and Reconstructive Surgery</i> , 2003, 112, 1528-1533.	1.4	39
239	Long-Term Follow-up and Unusual Findings After Microvascular Transfer of Hair-Bearing Skin for Pubic Hair Restoration. <i>Annals of Plastic Surgery</i> , 2003, 51, 627-629.	0.9	4
240	A New Method for Vaginal Reconstruction Using a Pedicled Jejunal Flap. <i>Annals of Plastic Surgery</i> , 2003, 51, 429-431.	0.9	22
241	Talking Jejunum: A New, Safe Technique for Voice Reconstruction Using Free-Jejunum Transfer. <i>Plastic and Reconstructive Surgery</i> , 2003, 111, 336-340.	1.4	11
242	Current-mode control for sensorless BDCM drive with intelligent commutation tuning. <i>IEEE Transactions on Power Electronics</i> , 2002, 17, 747-756.	7.9	40
243	Behavior of free jejunal flaps after early disruption of blood supply. <i>Annals of Thoracic Surgery</i> , 2002, 73, 987-989.	1.3	22
244	Free flaps for reconstruction of the lower back and sacral area. , 2000, 20, 72-76.		50
245	Microsurgical reconstruction of the esophagus. <i>Journal of Surgical Oncology</i> , 2000, 19, 235-245.	1.4	74
246	Microsurgical reconstruction of the esophagus. <i>Journal of Surgical Oncology</i> , 2000, 19, 235-245.	1.4	1
247	The versatility of free rectus femoris muscle flap: An alternative flap. <i>Microsurgery</i> , 1995, 16, 698-703.	1.3	33
248	Distal phalanx replantation. <i>Microsurgery</i> , 1994, 15, 77-82.	1.3	53
249	Major mandibular reconstruction with vascularized bone grafts: Indications and selection of donor tissue. <i>Microsurgery</i> , 1994, 15, 227-237.	1.3	50
250	Functional and esthetic reconstruction of a mutilated hand using multiple toe transfers and iliac osteocutaneous flap: A case report. <i>Microsurgery</i> , 1993, 14, 388-390.	1.3	14
251	Performance Improvement of the Speed Control for DC Compressors. , 0, , .		0
252	A New Motor Design for Hermetic DC Compressor. , 0, , .		0

#	ARTICLE	IF	CITATIONS
253	Analysis of the Optimal Voltage Spectrum in RPWM Tables. , 0, , .		0