

Kai-Jung Chen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

325
citations

1478505

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15
all docs

15
docs citations

15
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	Research on Novel Normal Fuzzy Kalman Filter for Speech Enhancement in Noisy Environment. , 2021, , .		2
2	Advanced Proportional-Integral-Derivative Control Compensation Based on a Grey Estimated Model in Dynamic Balance of Single-Wheeled Robot. Axioms, 2021, 10, 326.	1.9	0
3	Simulation of Air Puff Tonometry Test Using Arbitrary Lagrangianâ€Eulerian (ALE) Deforming Mesh for Corneal Material Characterisation. International Journal of Environmental Research and Public Health, 2020, 17, 54.	2.6	22
4	Fluid-Structure Interaction Based Algorithms for IOP and Corneal Material Behavior. Frontiers in Bioengineering and Biotechnology, 2020, 8, 970.	4.1	11
5	Development and validation of a new intraocular pressure estimate for patients with soft corneas. Journal of Cataract and Refractive Surgery, 2019, 45, 1316-1323.	1.5	24
6	Design of Active Disturbance Rejection Control Architecture for Bicycle Automatic Transmission. , 2019, , .		0
7	Applying a Stable Dynamic walking mode of Humanoid Robot Based on Adaptive Fuzzy Control. , 2019, , .		3
8	Determination of Corneal Biomechanical Behavior in-vivo for Healthy Eyes Using CorVis ST Tonometry: Stress-Strain Index. Frontiers in Bioengineering and Biotechnology, 2019, 7, 105.	4.1	138
9	Clinical evaluation of a new correction algorithm for dynamic Scheimpflug analyzer tonometry before and after laser in situ keratomileusis and small-incision lenticule extraction. Journal of Cataract and Refractive Surgery, 2018, 44, 581-588.	1.5	22
10	Ex-vivo experimental validation of biomechanically-corrected intraocular pressure measurements on human eyes using the CorVis ST. Experimental Eye Research, 2018, 175, 98-102.	2.6	60
11	The Relationship Between Mechanical Properties, Ultrastructural Changes, and Intrafibrillar Bond Formation in Corneal UVA/Riboflavin Cross-linking Treatment for Keratoconus. Journal of Refractive Surgery, 2018, 34, 264-272.	2.3	38
12	Biomechanically Corrected IOP Measurement. Highlights of Ophthalmology, 2016, 44, 7-8.	0.0	1
13	Irrigating methicillinâ€resistant <i>Staphylococcus aureus</i> â€colonised and â€infected chronic wounds with tap water. International Wound Journal, 2013, 10, 359-359.	2.9	4
14	Embedded System for PCB Soldering Platform Controller Design. Advanced Materials Research, 2012, 472-475, 2471-2475.	0.3	0