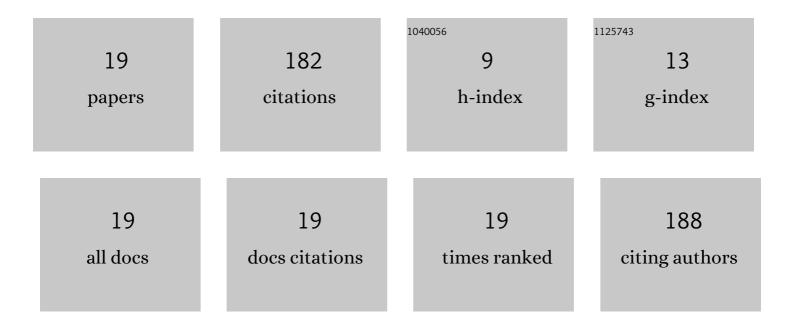
Jeng-Rong Ho

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	PEDOT:PSS/Graphene Nanocomposite Hole-Injection Layer in Polymer Light-Emitting Diodes. Journal of Nanotechnology, 2012, 2012, 1-7.	3.4	31
2	An extreme learning machine for predicting kerf waviness and heat affected zone in pulsed laser cutting of thin non-oriented silicon steel. Optics and Lasers in Engineering, 2020, 134, 106244.	3.8	19
3	Effects of Build Direction on the Mechanical Properties of a Martensitic Stainless Steel Fabricated by Selective Laser Melting. Materials, 2020, 13, 5142.	2.9	16
4	Effects of Laser Spot Size on the Mechanical Properties of AISI 420 Stainless Steel Fabricated by Selective Laser Melting. Materials, 2021, 14, 4593.	2.9	15
5	Tunable liquid iris actuated using electrowetting effect. Optical Engineering, 2014, 53, 057106.	1.0	13
6	Prediction and optimization of dross formation in laser cutting of electrical steel sheet in different environments. Journal of Materials Research and Technology, 2022, 18, 1977-1990.	5.8	13
7	Characterizations of photoconductivity of graphene oxide thin films. AIP Advances, 2012, 2, .	1.3	12
8	Prediction and optimization of geometrical quality for pulsed laser cutting of non-oriented electrical steel sheet. Optics and Laser Technology, 2022, 149, 107847.	4.6	12
9	An improved real-time temperature control for pulsed laser cutting of non-oriented electrical steel. Optics and Laser Technology, 2021, 136, 106783.	4.6	11
10	Artificial intelligence-based modeling and optimization of heat-affected zone and magnetic property in pulsed laser cutting of thin nonoriented silicon steel. International Journal of Advanced Manufacturing Technology, 2021, 113, 3225-3240.	3.0	10
11	Prediction of Kerf Width in Laser Cutting of Thin Non-Oriented Electrical Steel Sheets Using Convolutional Neural Network. Mathematics, 2021, 9, 2261.	2.2	9
12	A Hybrid PSO–GWO Fuzzy Logic Controller with a New Fuzzy Tuner. International Journal of Fuzzy Systems, 2022, 24, 1586-1604.	4.0	5
13	Controller Design for Unstable Time-Delay Systems with Unknown Transfer Functions. Mathematics, 2022, 10, 431.	2.2	5
14	Electrical and microstructure characteristics of SU8–Cu composite thin film fabricated using femtosecond laser direct writing. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	4
15	Fabrication of Carbon Nanotube Field-Emission Cathodes by Laser-Induced Transfer of Carbon Nanotubes and Silver Paste. Journal of Display Technology, 2014, 10, 1083-1087.	1.2	2
16	Formation of Bottom Conjugate Pair Grooves by Femtosecond Laser Grooving on Transparent Substrate. IEEE Photonics Technology Letters, 2021, 33, 305-308.	2.5	2
17	Design of Optimal Controllers for Unknown Dynamic Systems through the Nelder–Mead Simplex Method. Mathematics, 2021, 9, 2013.	2.2	2
18	Fabrication of microlens array and bifocal microlens using the methods of laser ablation and solvent reflow. Optical Engineering, 2015, 54, 123109.	1.0	1

#	Article	IF	CITATIONS
19	Automatically Tightening Tiny Screw Using Two Images and Positioning Control. Mathematics, 2021, 9, 2521.	2.2	ο