

Jeng-Rong Ho

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Hybrid PSO&CWO Fuzzy Logic Controller with a New Fuzzy Tuner. International Journal of Fuzzy Systems, 2022, 24, 1586-1604.	4.0	5
2	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
3	Controller Design for Unstable Time-Delay Systems with Unknown Transfer Functions. Mathematics, 2022, 10, 431.	2.2	5
4	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
5	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
6	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
7	Formation of Bottom Conjugate Pair Grooves by Femtosecond Laser Grooving on Transparent Substrate. IEEE Photonics Technology Letters, 2021, 33, 305-308.	2.5	2
8	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
9	Design of Optimal Controllers for Unknown Dynamic Systems through the Nelder&CMead Simplex Method. Mathematics, 2021, 9, 2013.	2.2	2
10	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
11	Automatically Tightening Tiny Screw Using Two Images and Positioning Control. Mathematics, 2021, 9, 2521.	2.2	0
12	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
13	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
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 microlens array and bifocal microlens using the methods of laser ablation and solvent reflow. Optical Engineering, 2015, 54, 123109.	1.0	1
16	Tunable liquid iris actuated using electrowetting effect. Optical Engineering, 2014, 53, 057106.	1.0	13
17	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
18	Characterizations of photoconductivity of graphene oxide thin films. AIP Advances, 2012, 2, .	1.3	12

#	ARTICLE	IF	CITATIONS
19	PEDOT:PSS/Graphene Nanocomposite Hole-Injection Layer in Polymer Light-Emitting Diodes. Journal of Nanotechnology, 2012, 2012, 1-7.	3.4	31