

# Jeng-Rong Ho

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

182  
citations

1040056

9  
h-index

1125743

13  
g-index

19  
all docs

19  
docs citations

19  
times ranked

188  
citing authors

#	ARTICLE	IF	CITATIONS
1	PEDOT:PSS/Graphene Nanocomposite Hole-Injection Layer in Polymer Light-Emitting Diodes. <i>Journal of Nanotechnology</i> , 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. <i>Optics and Lasers in Engineering</i> , 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. <i>Materials</i> , 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. <i>Materials</i> , 2021, 14, 4593.	2.9	15
5	Tunable liquid iris actuated using electrowetting effect. <i>Optical Engineering</i> , 2014, 53, 057106.	1.0	13
6	Prediction and optimization of dross formation in laser cutting of electrical steel sheet in different environments. <i>Journal of Materials Research and Technology</i> , 2022, 18, 1977-1990.	5.8	13
7	Characterizations of photoconductivity of graphene oxide thin films. <i>AIP Advances</i> , 2012, 2, .	1.3	12
8	Prediction and optimization of geometrical quality for pulsed laser cutting of non-oriented electrical steel sheet. <i>Optics and Laser Technology</i> , 2022, 149, 107847.	4.6	12
9	An improved real-time temperature control for pulsed laser cutting of non-oriented electrical steel. <i>Optics and Laser Technology</i> , 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. <i>International Journal of Advanced Manufacturing Technology</i> , 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. <i>Mathematics</i> , 2021, 9, 2261.	2.2	9
12	A Hybrid PSO&GWO Fuzzy Logic Controller with a New Fuzzy Tuner. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 1586-1604.	4.0	5
13	Controller Design for Unstable Time-Delay Systems with Unknown Transfer Functions. <i>Mathematics</i> , 2022, 10, 431.	2.2	5
14	Electrical and microstructure characteristics of SU&Cu composite thin film fabricated using femtosecond laser direct writing. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	4
15	Fabrication of Carbon Nanotube Field-Emission Cathodes by Laser-Induced Transfer of Carbon Nanotubes and Silver Paste. <i>Journal of Display Technology</i> , 2014, 10, 1083-1087.	1.2	2
16	Formation of Bottom Conjugate Pair Grooves by Femtosecond Laser Grooving on Transparent Substrate. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 305-308.	2.5	2
17	Design of Optimal Controllers for Unknown Dynamic Systems through the Nelder&Mead Simplex Method. <i>Mathematics</i> , 2021, 9, 2013.	2.2	2
18	Fabrication of microlens array and bifocal microlens using the methods of laser ablation and solvent reflow. <i>Optical Engineering</i> , 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	0