

Hamza Ahmad Madni

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

275
citations

933264
10
h-index

940416
16
g-index

23
all docs

23
docs citations

23
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	Concealing arbitrary objects remotely with multi-folded transformation optics. <i>Light: Science and Applications</i> , 2016, 5, e16177-e16177.	7.7	52
2	RFCNN: Traffic Accident Severity Prediction Based on Decision Level Fusion of Machine and Deep Learning Model. <i>IEEE Access</i> , 2021, 9, 128359-128371.	2.6	32
3	An Automation System for Controlling Streetlights and Monitoring Objects Using Arduino. <i>Sensors</i> , 2018, 18, 3178.	2.1	24
4	Full controls of OAM vortex beam and realization of retro and negative reflections at oblique incidence using dual-band 2-bit coding metasurface. <i>Materials Research Express</i> , 2019, 6, 125804.	0.8	18
5	A novel EM concentrator with open-concentrator region based on multi-folded transformation optics. <i>Scientific Reports</i> , 2018, 8, 9641.	1.6	16
6	Dual-band 2-bit coding metasurface for multifunctional control of both spatial waves and surface waves. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 293.	0.9	15
7	Multiple band-rejection filters in dual-frequency bands based on spoof surface plasmon polaritons. <i>Journal of Optics (United Kingdom)</i> , 2020, 22, 015001.	1.0	13
8	A CNN based coronavirus disease prediction system for chest X-rays. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 13179-13193.	3.3	13
9	Single-Equipment with Multiple-Application for an Automated Robot-Car Control System. <i>Sensors</i> , 2019, 19, 662.	2.1	11
10	Skin lesion classification in dermoscopic images using stacked Convolutional Neural Network. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 3551-3565.	3.3	11
11	Non-contact radio frequency shielding and wave guiding by multi-folded transformation optics method. <i>Scientific Reports</i> , 2016, 6, 36846.	1.6	10
12	Design of a homogeneous-material cloak and illusion devices for active and passive scatterers with multi-folded transformation optics. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2018, 35, 2399.	0.9	10
13	Controls of transmitted electromagnetic waves for diverse functionalities using polarization-selective dual-band 2 bit coding metasurface. <i>Journal of Optics (United Kingdom)</i> , 2020, 22, 015104.	1.0	10
14	Non-contact method to freely control the radiation patterns of antenna with multi-folded transformation optics. <i>Scientific Reports</i> , 2017, 7, 13171.	1.6	8
15	Magnetic fluid-based photonic crystal fiber for temperature sensing. <i>Optical Engineering</i> , 2019, 58, 1.	0.5	8
16	Broadband and High-Efficiency Manipulation of Transmitted Vortex Beams via Ultra-Thin Multi-Bit Transmission Type Coding Metasurfaces. <i>IEEE Access</i> , 2020, 8, 197982-197991.	2.6	6
17	Magnetic field sensor based on the magnetic fluid infiltration into the cladding air holes of the solid-core photonic crystal fiber. <i>Optical Engineering</i> , 2019, 58, 1.	0.5	5
18	A bi-functional illusion device based on transformation optics. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 035104.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Shrinking-shifting and amplifying-shifting device using transformation optics. Optical and Quantum Electronics, 2022, 54, .	1.5	2
20	Remote electromagnetic devices designed with transformation optics. , 2016, , .		0
21	Open cloak designed with transformation optics. , 2016, , .		0