

# Ciaran P Moore

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

141  
citations

1478505

6  
h-index

1199594

12  
g-index

27  
all docs

27  
docs citations

27  
times ranked

121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite-size and disorder effects on 1D unipartite and bipartite surface lattice resonances. Optics Express, 2022, 30, 3302.	3.4	3
2	Subradiant resonances in Au and Ag bipartite lattices in the visible spectrum. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2021, 39, .	1.2	6
3	Design of 2D Plasmonic Diffraction Gratings for Sensing and Super-Resolution Imaging Applications. , 2020, , .		0
4	Factors Determining the Effectiveness of a Wind Turbine Generator Lightning Protection System. IEEE Transactions on Industry Applications, 2019, 55, 6585-6592.	4.9	9
5	Development of a Surface-Plasmon Resonance Sensor Testbed for Bimetallic Sensors. , 2019, , .		1
6	Frequency Domain Analysis of a Wind Turbine Generator Earthing System for Lightning Discharge Currents. IEEE Access, 2019, 7, 60501-60512.	4.2	11
7	Characterization of conductive Al-doped ZnO thin films for plasmonic applications. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	5
8	Comparison of seed layers for smooth, low loss silver films used in ultraviolet-visible plasmonic imaging devices. Thin Solid Films, 2018, 656, 68-74.	1.8	12
9	An Evaluation of Potential Rise in a Wind Turbine Generator Earthing System During a Direct Lightning Strike. , 2018, , .		1
10	A Proposed Method for Calculating Earth Electrode Length for a Wind Turbine Generator Grounding System. , 2018, , .		0
11	Analysis of Lightning Generated Over-Voltages on Voltage Regulating Devices in Distribution System with Centralized Wind Turbine Generators. , 2018, , .		0
12	A New Method for Calculating Earth Electrode Length for a Wind Turbine Generator Grounding System based on a Two-Layer Soil Structure. , 2018, , .		1
13	Analysis of Earth Electrodes of Wind Turbine Generator Grounding System Under Lightning Discharge Currents. , 2018, , .		1
14	The effects of post-growth thermal annealing on the structural and electrical properties of RF-magnetron sputtered ZnO. International Journal of Nanotechnology, 2017, 14, 566.	0.2	0
15	Two-dimensional diffraction gratings for use with far-field superlenses. International Journal of Nanotechnology, 2017, 14, 297.	0.2	3
16	Practical laboratory classes to improve engagement and achievement amongst engineering students taking first-year mathematics. , 2016, , .		2
17	Lightning protection analysis of main shaft bearings in wind turbine generators. , 2016, , .		4
18	Spatial frequency characterisation of a far-field superlens to facilitate general purpose imaging. Proceedings of SPIE, 2016, , .	0.8	0

#	ARTICLE	IF	CITATIONS
19	Comparison of Germanium and Copper Seed Layers for the Fabrication of Smooth Silver Thin Films. , 2016, , .		0
20	Robust design of a silver-dielectric near-field superlens for photolithography. Journal of the Optical Society of America B: Optical Physics, 2013, 30, 3272.	2.1	5
21	Experimental characterization of the transfer function for a Silver-dielectric superlens. Optics Express, 2012, 20, 6412.	3.4	9
22	Flexible poly(dimethyl siloxane) support layers for the evanescent characterization of near-field lithography systems. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2011, 29, 06FH02.	1.2	1
23	Improved Analytical Models for Single- and Multi-layer Silver Superlenses. Materials Research Society Symposia Proceedings, 2009, 1182, 30.	0.1	4
24	An improved transfer-matrix $\hat{\epsilon}$ model for optical superlenses. Optics Express, 2009, 17, 14260.	3.4	26
25	Image fidelity for single-layer and multi-layer silver superlenses. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2008, 25, 911.	1.5	34
26	Analysis and comparison of simulation techniques for silver superlenses. , 2008, , .		2
27	Near-field imaging through plasmonic superlenses. Proceedings of SPIE, 2007, , .	0.8	1