

# Ahmed Zubair

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

248  
citations

1307594

7  
h-index

1199594

12  
g-index

27  
all docs

27  
docs citations

27  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon nanotube fiber terahertz polarizer. Applied Physics Letters, 2016, 108, .	3.3	50
2	Carbon nanotube woven textile photodetector. Physical Review Materials, 2018, 2, .	2.4	42
3	Optimal Planning of Standalone Solar-Wind-Diesel Hybrid Energy System for a Coastal Area of Bangladesh. International Journal of Electrical and Computer Engineering, 2012, 2, .	0.7	27
4	Charged iodide in chains behind the highly efficient iodine doping in carbon nanotubes. Physical Review Materials, 2017, 1, .	2.4	25
5	Enlightening the ultrahigh electrical conductivities of doped double-wall carbon nanotube fibers by Raman spectroscopy and first-principles calculations. Nanoscale, 2016, 8, 19668-19676.	5.6	18
6	Terahertz polarizer based on tunable surface plasmon in graphene nanoribbon. Optics Express, 2021, 29, 42713.	3.4	15
7	Near-perfect absorber consisted of a vertical array of single-wall carbon nanotubes and engineered multi-wall carbon nanotubes. Optical Materials Express, 2021, 11, 1267.	3.0	14
8	Wearable Thermoelectric Nanogenerator Based on Carbon Nanotube for Energy Harvesting. , 2019, , .		10
9	Vacancy induced magnetism and electronic structure modification in monolayer hexagonal boron arsenide: A first-principles study. Applied Surface Science, 2022, 600, 154053.	6.1	8
10	Effect of Vacancy on Electronic Properties of MX <sub>2</sub> (M = Mo, W and X = S, Se) Monolayers. , 2020, , .		7
11	Efficient hybrid renewable energy system for industrial sector with on-grid time management. , 2015, , .		5
12	Electric Load Forecasting with Hourly Precision Using Long Short-Term Memory Networks. , 2019, , .		5
13	Alignment dynamics of single-wall carbon nanotubes under electric field in different surfactant solutions. Materials Research Express, 2021, 8, 045609.	1.6	4
14	Triangular gold nanoplates integrated microgel-based sensor for urinary tract infection and glucosuria detection. Optical Materials Express, 2022, 12, 2212.	3.0	4
15	2D Thermal Imaging Sensor Using Thermoelectric Effect Based on Carbon Nanotube. , 2019, , .		3
16	Pulsed black-body emitter based on current-driven carbon nanotube fibers. , 2017, , .		2
17	Short-Term Electric Demand Forecasting for Power Systems using Similar Months Approach based SARIMA. , 2019, , .		2
18	Cross Diabolo Hollow Notch Nanotweezer for Optical Trapping and Manipulation. IEEE Photonics Journal, 2022, 14, 1-10.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Fabric-inspired thermoelectric two-dimensional imaging array based on carbon nanotube. AIP Advances, 2022, 12, .	1.3	2
20	Ultrabroadband, Lightweight, Flexible, and Polarization Sensitive Photodetector Based on Carbon Nanotube Fibers. , 2015, , .		1
21	Ab initio Theoretical Investigation of Dopants for Ultrahigh Conductivities in Single Wall Carbon Nanotubes. , 2019, , .		1
22	Efficient Silver Diabolo Hollow Notch Plasmonic Nanotweezer with Improved Heat Sink Capability. , 2021, , .		1
23	Raman Spectra of the carbon films by pulsed laser deposition using C<math>\text{C}_{60}</math> target. , 2010, , .		0
24	Nitrogen incorporated fullerene (C<math>\text{C}_{60}</math>) films using pulsed laser deposition for optoelectronic application. , 2012, , .		0
25	Polarization-Dependent Terahertz Spectroscopy of Macroscopically Aligned Carbon Nanotubes. , 2015, , .		0
26	Origin of Highly Efficient Iodine Doping in Carbon Nanotubes Studied By Raman Spectroscopy and First-Principles Calculations. ECS Meeting Abstracts, 2017, , .	0.0	0
27	Non-Ballistic Conduction in Bundle of Single-Wall Carbon Nanotubes with Disorder. , 2020, , .		0