

# Edward

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6689330/publications.pdf>

Version: 2024-02-01

16  
papers

468  
citations

1307366

7  
h-index

996849

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of cement particle size distribution on performance properties of Portland cement-based materials. Cement and Concrete Research, 1999, 29, 1663-1671.	4.6	271
2	A model investigation of the influence of particle shape on portland cement hydration. Cement and Concrete Research, 2006, 36, 1007-1015.	4.6	85
3	Electromagnetic Resonances of Individual Single-Walled Carbon Nanotubes With Realistic Shapes: A Characteristic Modes Approach. IEEE Transactions on Antennas and Propagation, 2016, 64, 2743-2757.	3.1	21
4	Plasmonic Nanoantenna Optimization Using Characteristic Mode Analysis. IEEE Transactions on Antennas and Propagation, 2020, 68, 43-53.	3.1	18
5	Electromagnetic Scattering From Randomly-Centered Parallel Single-Walled Carbon Nanotubes Embedded in a Dielectric Slab. IEEE Transactions on Antennas and Propagation, 2014, 62, 5230-5241.	3.1	16
6	Electromagnetic Scattering From Individual Crumpled Graphene Flakes: A Characteristic Modes Approach. IEEE Transactions on Antennas and Propagation, 2017, 65, 6035-6047.	3.1	14
7	Design of a 3000-Pixel Transition-Edge Sensor X-Ray Spectrometer for Microcircuit Tomography. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	11
8	Electromagnetic Scattering From Multiple Single-Walled Carbon Nanotubes Having Tumbleweed Configurations. IEEE Transactions on Antennas and Propagation, 2017, 65, 3192-3202.	3.1	7
9	Quantifying the 3-Dimensional Shape of Lunar Regolith Particles Using X-Ray Computed Tomography and Scanning Electron Microscopy at Sub-1 <sup>3</sup> Resolution. Microscopy and Microanalysis, 2017, 23, 2194-2195.	0.2	7
10	Electromagnetic resonance analysis of asymmetric carbon nanotube dimers for sensing applications. Nanotechnology, 2020, 31, 425501.	1.3	6
11	Materials Characterization With Multiple Offset Reflects at Frequencies to 110 GHz. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 184-195.	2.9	5
12	Microwave Measurements for Conductive Anisotropic Materials. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4913-4924.	2.9	2
13	Optical Scattering Characteristics of 3-D Lunar Regolith Particles Measured Using X-Ray Nano Computed Tomography. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	2
14	Novel Electromagnetic Scattering Model for Carbon Nanotube Composites using the Multilayer Green's Function Approach. , 2019, , .		1
15	Asymmetric carbon nanotube dimers embedded in a dielectric slab: new plasmonic resonance behavior. Optics Express, 2021, 29, 42495.	1.7	1
16	Using surface asperities for efficient random particle overlap detection in the generation of randomly oriented and located particle arrangements. Powder Technology, 2021, 399, 116979-116979.	2.1	1