

# Ahmed Yousef Mohamed

## List of Publications by Year in descending order

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21  
papers

453  
citations

933447

10  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical insight into the structure-property relationship of mixed transition metal oxides nanofibers doped in activated carbon and 3D graphene for capacitive deionization. <i>Chemical Engineering Journal</i> , 2019, 371, 166-181.	12.7	70
2	ZrO <sub>2</sub> nanofibers/activated carbon composite as a novel and effective electrode material for the enhancement of capacitive deionization performance. <i>RSC Advances</i> , 2017, 7, 4616-4626.	3.6	67
3	Precision Interface Engineering of an Atomic Layer in Bulk Bi <sub>2</sub> Te <sub>3</sub> Alloys for High Thermoelectric Performance. <i>ACS Nano</i> , 2019, 13, 7146-7154.	14.6	66
4	Facile synthesis of Ni-decorated multi-layers graphene sheets as effective anode for direct urea fuel cells. <i>Arabian Journal of Chemistry</i> , 2017, 10, 811-822.	4.9	42
5	Efficiency enhancement of dye-sensitized solar cells by use of ZrO <sub>2</sub> -doped TiO <sub>2</sub> nanofibers photoanode. <i>Journal of Colloid and Interface Science</i> , 2016, 476, 9-19.	9.4	38
6	Propagation Control of Octahedral Tilt in SrRuO <sub>3</sub> via Artificial Heterostructuring. <i>Advanced Science</i> , 2020, 7, 2001643.	11.2	33
7	High energy storage quasi-solid-state supercapacitor enabled by metal chalcogenide nanowires and iron-based nitrogen-doped graphene nanostructures. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 711-719.	9.4	31
8	Thickness-dependent orbital hybridization in ultrathin SrRuO <sub>3</sub> epitaxial films. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	23
9	Ferroelectric Polarization Rotation in Order-Disorder-Type LiNbO <sub>3</sub> Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 41471-41478.	8.0	13
10	Direct Evidence of Electronic Interaction at the Atomic-Layer-Deposited MoS <sub>2</sub> Monolayer/SiO <sub>2</sub> Interface. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 53852-53859.	8.0	11
11	X-ray spectroscopy study on the electronic structure of Sn-added p-type SnO films. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 065502.	1.8	10
12	Structural Analyses of Phase Stability in Amorphous and Partially Crystallized Ge-Rich GeTe Films Prepared by Atomic Layer Deposition. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 41387-41396.	8.0	9
13	Soft X-ray Absorption Spectroscopy Study of Spin Crossover Fe-Compounds: Persistent High Spin Configurations under Soft X-ray Irradiation. <i>Crystals</i> , 2018, 8, 433.	2.2	9
14	Chemical Structure and Magnetism of FeOx/Fe <sub>2</sub> O <sub>3</sub> Interface Studied by X-ray Absorption Spectroscopy. <i>Magnetochemistry</i> , 2020, 6, 33.	2.4	9
15	Structural engineering and surface modification of nickel double hydroxide nanosheets for all-solid-state asymmetric supercapacitors. <i>Journal of Energy Storage</i> , 2022, 45, 103720.	8.1	8
16	Structural, Optical, and Magnetic Properties of Erbium-Substituted Yttrium Iron Garnets. <i>ACS Omega</i> , 2022, 7, 25078-25086.	3.5	5
17	Efficiency Enhancement of Electro-Adsorption Desalination Using Iron Oxide Nanoparticle-Incorporated Activated Carbon Nanocomposite. <i>Micromachines</i> , 2021, 12, 1148.	2.9	3
18	Identification of ZnTiO <sub>3</sub> nanostructures in oxidized TiN/ZnS thin films using X-ray absorption spectroscopy. <i>Applied Surface Science</i> , 2019, 494, 63-71.	6.1	2

#	ARTICLE	IF	CITATIONS
19	Characterization of oxide nanocomposites formed at annealed TiN/SnS <sub>2</sub> heterostructure thin film. Journal of Alloys and Compounds, 2020, 814, 152286.	5.5	2
20	Nanoscale chemical and structural reconstruction in thermally oxidized TiN/SnO <sub>2</sub> ultrathin films. Journal of Alloys and Compounds, 2020, 843, 155896.	5.5	1
21	Investigation of the electronic structure of amorphous SnO film using x-ray absorption spectroscopy. Applied Physics Letters, 2020, 116, 052102.	3.3	1