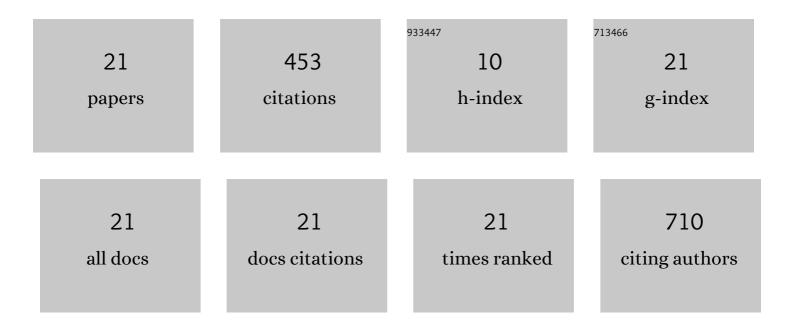
Ahmed Yousef Mohamed

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7327725/publications.pdf Version: 2024-02-01



#	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. Chemical Engineering Journal, 2019, 371, 166-181.	12.7	70
2	ZrO ₂ nanofibers/activated carbon composite as a novel and effective electrode material for the enhancement of capacitive deionization performance. RSC Advances, 2017, 7, 4616-4626.	3.6	67
3	Precision Interface Engineering of an Atomic Layer in Bulk Bi ₂ Te ₃ Alloys for High Thermoelectric Performance. ACS Nano, 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. Arabian Journal of Chemistry, 2017, 10, 811-822.	4.9	42
5	Efficiency enhancement of dye-sensitized solar cells by use of ZrO 2 -doped TiO 2 nanofibers photoanode. Journal of Colloid and Interface Science, 2016, 476, 9-19.	9.4	38
6	Propagation Control of Octahedral Tilt in SrRuO ₃ via Artificial Heterostructuring. Advanced Science, 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. Journal of Colloid and Interface Science, 2022, 608, 711-719.	9.4	31
8	Thickness-dependent orbital hybridization in ultrathin SrRuO3 epitaxial films. Applied Physics Letters, 2019, 115, .	3.3	23
9	Ferroelectric Polarization Rotation in Order–Disorder-Type LiNbO3 Thin Films. ACS Applied Materials & Interfaces, 2018, 10, 41471-41478.	8.0	13
10	Direct Evidence of Electronic Interaction at the Atomic-Layer-Deposited MoS ₂ Monolayer/SiO ₂ Interface. ACS Applied Materials & Interfaces, 2020, 12, 53852-53859.	8.0	11
11	X-ray spectroscopy study on the electronic structure of Sn-added p-type SnO films. Journal of Physics Condensed Matter, 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. ACS Applied Materials & Interfaces, 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. Crystals, 2018, 8, 433.	2.2	9
14	Chemical Structure and Magnetism of FeOx/Fe2O3 Interface Studied by X-ray Absorption Spectroscopy. Magnetochemistry, 2020, 6, 33.	2.4	9
15	Structural engineering and surface modification of nickel double hydroxide nanosheets for all-solid-state asymmetric supercapacitors. Journal of Energy Storage, 2022, 45, 103720.	8.1	8
16	Structural, Optical, and Magnetic Properties of Erbium-Substituted Yttrium Iron Garnets. ACS Omega, 2022, 7, 25078-25086.	3.5	5
17	Efficiency Enhancement of Electro-Adsorption Desalination Using Iron Oxide Nanoparticle-Incorporated Activated Carbon Nanocomposite. Micromachines, 2021, 12, 1148.	2.9	3
18	Identification of ZnTiO3 nanostructures in oxidized TiN/ZnS thin films using X-ray absorption spectroscopy. Applied Surface Science, 2019, 494, 63-71.	6.1	2

#	Article	IF	CITATIONS
19	Characterization of oxide nanocomposites formed at annealed TiN/SnS2 heterostructure thin film. Journal of Alloys and Compounds, 2020, 814, 152286.	5.5	2
20	Nanoscale chemical and structural reconstruction in thermally oxidized TiN/SnO2 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