

# Abdul Faheem Khan

## List of Publications by Year in descending order

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25  
papers

511  
citations

933447

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677142

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all docs

25  
docs citations

25  
times ranked

713  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of electron beam evaporated nanocrystalline SnO <sub>2</sub> thin films annealed in air. Applied Surface Science, 2010, 256, 2252-2258.	6.1	120
2	Effect of annealing on electrical resistivity of rf-magnetron sputtered nanostructured SnO <sub>2</sub> thin films. Applied Surface Science, 2009, 255, 8562-8565.	6.1	85
3	Characterization of rf-sputtered indium tin oxide thin films. Materials Chemistry and Physics, 2004, 84, 126-130.	4.0	47
4	Structural and optoelectronic properties of nanostructured TiO <sub>2</sub> thin films with annealing. Materials Science in Semiconductor Processing, 2015, 29, 161-169.	4.0	44
5	Effect of annealing on structural, optical and electrical properties of nanostructured Ge thin films. Applied Surface Science, 2010, 256, 2031-2037.	6.1	43
6	Nanostructured multilayer TiO <sub>2</sub> /Ge films with quantum confinement effects for photovoltaic applications. Journal of Colloid and Interface Science, 2010, 343, 271-280.	9.4	32
7	Optical Characterization of rf-Magnetron Sputtered Nanostructured SnO <sub>2</sub> Thin Films. Chinese Physics Letters, 2009, 26, 077803.	3.3	24
8	Structural and optical studies of nanostructured TiO <sub>2</sub> /Ge multi-layer thin films. Thin Solid Films, 2013, 536, 220-228.	1.8	21
9	Effect of gold nanoparticles on transmittance and conductance of graphene oxide thin films and efficiency of perovskite solar cells. Applied Nanoscience (Switzerland), 2020, 10, 485-497.	3.1	20
10	Multilayer Si/Ge thin films with quantum confinement effects for photovoltaic applications. Applied Surface Science, 2014, 296, 185-188.	6.1	14
11	Nanostructured multi-layer MgF <sub>2</sub> /ITO coatings prepared via e-beam evaporation for efficient electromagnetic interference shielding performance. Applied Surface Science, 2022, 596, 153584.	6.1	11
12	Intrinsic Properties and Future Perspective of HfO <sub>2</sub> /V <sub>2</sub> O <sub>5</sub> /HfO <sub>2</sub> Multi-Layer Thin Films via E-Beam Evaporation as a Transparent Heat Mirror. Coatings, 2022, 12, 448.	2.6	10
13	Investigation of the mechanical properties of electrodeposited nickel and magnetron sputtered chromium nitride coatings deposited on mild steel substrate. Journal of Adhesion Science and Technology, 2016, 30, 2224-2235.	2.6	8
14	Electrodeposited Ge Nanostructures Prepared by Different Non-Aqueous Solutions and their Application in Lithium Ion Battery: A Review. Recent Patents on Nanotechnology, 2016, 10, 26-43.	1.3	7
15	Intrinsic Properties of Multi-Layer TiO <sub>2</sub> /V <sub>2</sub> O <sub>5</sub> /TiO <sub>2</sub> Coatings Prepared via E-Beam Evaporation. Materials, 2022, 15, 3933.	2.9	6
16	Structural and mechanical properties of (Cr, Ni) N single and gradient layer coatings deposited on mild steel by magnetron sputtering. Tribology - Materials, Surfaces and Interfaces, 2016, 10, 117-125.	1.4	4
17	Growth and Investigation of Annealing Effects on Ternary Cd <sub>1-x</sub> Mg <sub>x</sub> O Nanocomposit Thin Films. Materials, 2021, 14, 4538.	2.9	4
18	Multi-layer MgF <sub>2</sub> /ITO coatings for electromagnetic interference shielding. Materials Chemistry and Physics, 2021, 272, 125009.	4.0	4

#	ARTICLE	IF	CITATIONS
19	Synthesis and Characterization of Nanostructured Multi-Layer Cr/SnO <sub>2</sub> /NiO/Cr Coatings Prepared via E-Beam Evaporation Technique for Metal-Insulator-Insulator-Metal Diodes. <i>Materials</i> , 2022, 15, 3906.	2.9	3
20	GAMMA IRRADIATION-INDUCED CHEMICAL DECOMPOSITION-RELATED BANDGAP ENGINEERING IN SnO <sub>2</sub> NANOPARTICLES. <i>Surface Review and Letters</i> , 2019, 26, 1850228.	1.1	2
21	Synthesis and characterization of nanostructured Ge/GeO <sub>2</sub> films using spin coating technique. <i>Physica Scripta</i> , 2021, 96, 115803.	2.5	1
22	EFFECT OF OXIDATION TIME ON STRUCTURAL AND OPTICAL PROPERTIES OF ZNO FILMS PREPARED BY HYDROTHERMAL OXIDATION OF ELECTRODEPOSITED ZN COATING ON ITO SUBSTRATE. <i>Surface Review and Letters</i> , 2020, 27, 1950227.	1.1	1
23	Nanostructured SnO <sub>2</sub> -Ge Multi-layer thin Films with Quantum Confinement Effects for Solar Cell. <i>Recent Patents on Nanotechnology</i> , 2016, 10, 77-82.	1.3	0
24	STUDY OF Co/Sn MULTILAYER SYSTEM WITH VARIOUS TIN LAYER THICKNESS AND REFLOW TEMPERATURES. <i>Surface Review and Letters</i> , 2019, 26, 1850153.	1.1	0
25	ZnO-Ge MULTILAYER THIN FILM STRUCTURES DEPOSITED BY THERMAL EVAPORATION TECHNIQUE. <i>Surface Review and Letters</i> , 2020, 27, 1950149.	1.1	0