

# Abdul Faheem Khan

## List of Publications by Year in descending order

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25  
papers

511  
citations

933447

10  
h-index

677142

22  
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docs citations

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times ranked

713  
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Coatings</i> , 2022, 12, 448.	2.6	10
2	Nanostructured multi-layer MgF <sub>2</sub> /ITO coatings prepared via e-beam evaporation for efficient electromagnetic interference shielding performance. <i>Applied Surface Science</i> , 2022, 596, 153584.	6.1	11
3	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
4	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. <i>Materials</i> , 2022, 15, 3933.	2.9	6
5	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
6	Growth and Investigation of Annealing Effects on Ternary Cd <sub>1-x</sub> Mg <sub>x</sub> O Nanocomposit Thin Films. <i>Materials</i> , 2021, 14, 4538.	2.9	4
7	Multi-layer MgF <sub>2</sub> /ITO coatings for electromagnetic interference shielding. <i>Materials Chemistry and Physics</i> , 2021, 272, 125009.	4.0	4
8	Effect of gold nanoparticles on transmittance and conductance of graphene oxide thin films and efficiency of perovskite solar cells. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 485-497.	3.1	20
9	ZnO-Ge MULTILAYER THIN FILM STRUCTURES DEPOSITED BY THERMAL EVAPORATION TECHNIQUE. <i>Surface Review and Letters</i> , 2020, 27, 1950149.	1.1	0
10	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
11	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
12	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
13	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
14	Electrodeposited Ge Nanostructures Prepared by Different Non-Aqueous Solutions and their Application in Lithium Ion Battery: A Review. <i>Recent Patents on Nanotechnology</i> , 2016, 10, 26-43.	1.3	7
15	Investigation of the mechanical properties of electrodeposited nickel and magnetron sputtered chromium nitride coatings deposited on mild steel substrate. <i>Journal of Adhesion Science and Technology</i> , 2016, 30, 2224-2235.	2.6	8
16	Structural and mechanical properties of (Cr, Ni) N single and gradient layer coatings deposited on mild steel by magnetron sputtering. <i>Tribology - Materials, Surfaces and Interfaces</i> , 2016, 10, 117-125.	1.4	4
17	Structural and optoelectronic properties of nanostructured TiO <sub>2</sub> thin films with annealing. <i>Materials Science in Semiconductor Processing</i> , 2015, 29, 161-169.	4.0	44
18	Multilayer Si/Ge thin films with quantum confinement effects for photovoltaic applications. <i>Applied Surface Science</i> , 2014, 296, 185-188.	6.1	14

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19	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
20	Effect of annealing on structural, optical and electrical properties of nanostructured Ge thin films. Applied Surface Science, 2010, 256, 2031-2037.	6.1	43
21	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
22	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
23	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
24	Optical Characterization of rf-Magnetron Sputtered Nanostructured SnO <sub>2</sub> Thin Films. Chinese Physics Letters, 2009, 26, 077803.	3.3	24
25	Characterization of rf-sputtered indium tin oxide thin films. Materials Chemistry and Physics, 2004, 84, 126-130.	4.0	47