

# Sk Faruque Ahmed

## List of Publications by Year in descending order

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24  
papers

336  
citations

933447

10  
h-index

794594

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

492  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Copper Doped Zinc Oxide Thin Films Deposited by RF/DC Sputtering Technique. Journal of Shanghai Jiaotong University (Science), 2023, 28, 172-179.	0.9	1
2	Nanostructure wrinkle thin films on flexible substrate: Tunable optical properties. Materials Today: Proceedings, 2022, 49, 1401-1407.	1.8	3
3	Electronic structure calculations of compressed Li atom using composite technique under Ritz variational framework. International Journal of Quantum Chemistry, 2021, 121, e26570.	2.0	3
4	Effect of electrode distance on the electron field emission property for CdS nanofibers. AIP Conference Proceedings, 2021, , .	0.4	0
5	Synthesis and characterization of cadmium sulfide (CdS) thin films by cyclic voltammetry technique. Materials Today: Proceedings, 2021, 47, 2351-2357.	1.8	3
6	Effect of ambient temperature and cathode-anode separation on electron field emission property of carbon nanofibers thin films. Materials Today: Proceedings, 2021, , .	1.8	0
7	Enhancing electrical properties of carbon nanotubes thin films by silicon incorporation. IOP Conference Series: Materials Science and Engineering, 2021, 1206, 012028.	0.6	0
8	Electron field emission property of nanostructure wrinkle thin film induced by amorphous diamond like carbon. Materials Today: Proceedings, 2018, 5, 2082-2088.	1.8	4
9	Cu incorporated amorphous diamond like carbon (DLC) composites: An efficient electron field emitter over a wide range of temperature. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 97, 120-125.	2.7	10
10	Optical properties of diamond like carbon nanocomposite thin films. AIP Conference Proceedings, 2018, , .	0.4	8
11	Nanostructure Evolution and Optical Properties of Silver Doped Diamond Like Carbon Thin Film on Soft Polymer. Advanced Science Letters, 2018, 24, 5731-5736.	0.2	5
12	Self-assembled folding of a biaxially compressed film on a compliant substrate. Carbon, 2014, 76, 105-112.	10.3	7
13	A comparative study on the cold field electron emission properties of cubic nanocrystalline lead chalcogenide thin films. RSC Advances, 2014, 4, 5312.	3.6	0
14	Nanoporous structures of polyimide induced by Ar ion beam irradiation. Applied Surface Science, 2012, 258, 3841-3845.	6.1	15
15	Nano-embossed structure on polypropylene induced by low energy Ar ion beam irradiation. Surface and Coatings Technology, 2010, 205, S104-S108.	4.8	15
16	Tribological performance of hydrophilic diamond-like carbon coatings on Tiâ€“6Alâ€“4V in biological environment. Diamond and Related Materials, 2010, 19, 300-304.	3.9	32
17	High aspect ratio wrinkles on a soft polymer. Soft Matter, 2010, 6, 5709.	2.7	53
18	Optical properties of surface modified polypropylene by plasma immersion ion implantation technique. Applied Physics Letters, 2010, 97, 081908.	3.3	13

#	ARTICLE	IF	CITATIONS
19	Role of solute and solvent on the deposition of ZnO thin films. <i>Electrochimica Acta</i> , 2009, 54, 4015-4024.	5.2	34
20	The Morphology and Mechanical Properties of Polycarbonate/Acrylonitrile Butadiene Styrene Modified by Ar Ion Beam Irradiation. <i>Plasma Processes and Polymers</i> , 2009, 6, 860-865.	3.0	7
21	Effect of silver doping on optical property of diamond like carbon films. <i>Thin Solid Films</i> , 2009, 517, 4035-4038.	1.8	53
22	Improvement of adhesion of DLC coating on nitinol substrate by hybrid ion beam deposition technique. <i>Vacuum</i> , 2009, 83, 1179-1183.	3.5	29
23	Deposition of nano-crystalline lead chalcogenide thin films using a simple electrochemical technique. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 3458-3462.	0.8	8
24	Enhancement of electron field emission property with silver incorporation into diamondlike carbon matrix. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	33