Sk Faruque Ahmed

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12115310/publications.pdf

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24	336	933447 10	794594 19
papers	citations	h-index	g-index

24	24	24	492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of silver doping on optical property of diamond like carbon films. Thin Solid Films, 2009, 517, 4035-4038.	1.8	53
2	High aspect ratio wrinkles on a soft polymer. Soft Matter, 2010, 6, 5709.	2.7	53
3	Role of solute and solvent on the deposition of ZnO thin films. Electrochimica Acta, 2009, 54, 4015-4024.	5.2	34
4	Enhancement of electron field emission property with silver incorporation into diamondlike carbon matrix. Applied Physics Letters, 2008, 92, .	3.3	33
5	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
6	Improvement of adhesion of DLC coating on nitinol substrate by hybrid ion beam deposition technique. Vacuum, 2009, 83, 1179-1183.	3.5	29
7	Nano-embossed structure on polypropylene induced by low energy Ar ion beam irradiation. Surface and Coatings Technology, 2010, 205, S104-S108.	4.8	15
8	Nanoporous structures of polyimide induced by Ar ion beam irradiation. Applied Surface Science, 2012, 258, 3841-3845.	6.1	15
9	Optical properties of surface modified polypropylene by plasma immersion ion implantation technique. Applied Physics Letters, 2010, 97, 081908.	3.3	13
10	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
11	Deposition of nano-crystalline lead chalcogenide thin films using a simple electrochemical technique. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 3458-3462.	0.8	8
12	Optical properties of diamond like carbon nanocomposite thin films. AIP Conference Proceedings, 2018, , .	0.4	8
13	The Morphology and Mechanical Properties of Polycarbonate/Acrylonitrile Butadiene Styrene Modified by Ar Ion Beam Irradiation. Plasma Processes and Polymers, 2009, 6, 860-865.	3.0	7
14	Self-assembled folding of a biaxially compressed film on a compliant substrate. Carbon, 2014, 76, 105-112.	10.3	7
15	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
16	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
17	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
18	Nanostructure wrinkle thin films on flexible substrate: Tunable optical properties. Materials Today: Proceedings, 2022, 49, 1401-1407.	1.8	3

#	Article	IF	Citations
19	Synthesis and characterization of cadmium sulfide (CdS) thin films by cyclic voltammetry technique. Materials Today: Proceedings, 2021, 47, 2351-2357.	1.8	3
20	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
21	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
22	Effect of electrode distance on the electron field emission property for CdS nanofibers. AIP Conference Proceedings, 2021, , .	0.4	0
23	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
24	Enhancing electrical properties of carbon nanotubes thin films by silicon incorporation. IOP Conference Series: Materials Science and Engineering, 2021, 1206, 012028.	0.6	0