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List of Publications by Year
in descending order

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22 papers	2,231 citations	623188 14 h-index	676716 22 g-index
22 all docs	22 docs citations	22 times ranked	2417 citing authors

#	Article	IF	Citations
1	Fabrication and characterization of novel antifouling nanofiltration membrane prepared from oxidized multiwalled carbon nanotube/polyethersulfone nanocomposite. Journal of Membrane Science, 2011, 375, 284-294.	4.1	725
2	Novel antibifouling nanofiltration polyethersulfone membrane fabricated from embedding TiO2 coated multiwalled carbon nanotubes. Separation and Purification Technology, 2012, 90, 69-82.	3.9	429
3	Novel polyethersulfone nanocomposite membrane prepared by PANI/Fe3O4 nanoparticles with enhanced performance for Cu(II) removal from water. Journal of Membrane Science, 2012, 415-416, 250-259.	4.1	262
4	Enhancing antifouling capability of PES membrane via mixing with various types of polymer modified multi-walled carbon nanotube. Journal of Membrane Science, 2013, 444, 184-191.	4.1	160
5	Nano-ZnO embedded mixed matrix polyethersulfone (PES) membrane: Influence of nanofiller shape on characterization and fouling resistance. Applied Surface Science, 2015, 349, 66-77.	3.1	140
6	Fouling resistant mixed matrix polyethersulfone membranes blended with magnetic nanoparticles: Study of magnetic field induced casting. Separation and Purification Technology, 2013, 109, 111-121.	3.9	96
7	New nanocomposites containing metal nanoparticles, carbon nanotube and polymer. Journal of Nanoparticle Research, 2008, 10, 1309-1318.	0.8	85
8	Effect of sputtering power on optical properties of prepared TiO 2 thin films by thermal oxidation of sputtered Ti layers. Materials Science in Semiconductor Processing, 2017, 63, 169-175.	1.9	59
9	Cobalt oxide nanoparticles as a novel high-efficiency fiber coating for solid phase microextraction of benzene, toluene, ethylbenzene and xylene from aqueous solutions. Analytica Chimica Acta, 2014, 822, 30-36.	2.6	58
10	Effects of substrate temperature and precursor amount on optical properties and microstructure of CVD deposited amorphous TiO2 thin films. Journal of Physics and Chemistry of Solids, 2019, 129, 217-226.	1.9	37
11	The development of radio frequency magnetron sputtered p-type nickel oxide thin film field-effect transistor device combined with nucleic acid probe for ultrasensitive label-free HIV-1 gene detection. Sensors and Actuators B: Chemical, 2018, 266, 178-186.	4.0	29
12	Microstructure and optical properties of cobaltâ€“carbon nanocomposites prepared by RF-sputtering. Journal of Materials Science: Materials in Electronics, 2015, 26, 5964-5969.	1.1	27
13	Label-free attomolar detection of lactate based on radio frequency sputtered of nickel oxide thin film field effect transistor. Biosensors and Bioelectronics, 2017, 92, 733-740.	5.3	24
14	Fractal and statistical characterization of Ti thin films deposited by RF-magnetron sputtering: The effects of deposition time. Optik, 2019, 178, 231-242.	1.4	23
15	Investigating the optical properties of synthesized ZnO nanostructures by sol-gel: The role of zinc precursors and annealing time. Optik, 2016, 127, 9871-9877.	1.4	14
16	Electrical percolation threshold in Agâ€“DLC nanocomposite films prepared by RF-sputtering and RF-PECVD in acetylene plasma. Journal of Materials Science: Materials in Electronics, 2016, 27, 6713-6720.	1.1	14
17	Multifractal study of TiO2 thin films deposited by MO-CVD method: The role of precursor amount and substrate temperature. Optik, 2020, 222, 165384.	1.4	12
18	CARBON NANOTUBE-GRAFT-BLOCK COPOLYMERS CONTAINING SILVER NANOPARTICLES. International Journal of Nanoscience, 2009, 08, 533-541.	0.4	11

#	Article	IF	Citations
19	Prepared Ïƒ-MnO2 thin films by chemical bath deposition methods and study of its optical and microstructure properties. Optical and Quantum Electronics, 2019, 51, 1.	1.5	10
20	Multifractal investigation of Ag/DLC nanocomposite thin films. Scientific Reports, 2020, 10, 22266.	1.6	7
21	SYNTHESIS AND CONTROL SIZE OF SnS₂ NANOPARTICLES ON THE SURFACE MULTI-WALLED CARBON NANOTUBES. Nano, 2010, 05, 139-142.	0.5	6
22	Surface characterization of <scp>NiO</scp> thin films deposited by <scp>RF</scp>â€magnetron sputtering at different thickness: Statistical and multifractal approach. Microscopy Research and Technique, 2022, 85, 3056-3068.	1.2	3