Tarek S Soliman

List of Publications by Year
in descending order

21 papers	754 citations	687363 13 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	533 citing authors

#	Article	IF	Citations
1	The effect of graphene on structure and optical properties of CdSe nanoparticles for optoelectronic application. Journal of Alloys and Compounds, 2022, 898, 162946.	5.5	15
2	A comparative study of the structural, optical and morphological properties of different types of Makrofol polycarbonate. Polymer Bulletin, 2022, 79, 10841-10863.	3.3	8
3	Structural, thermal, and optical properties of polyvinyl alcohol films doped with La2ZnOx nanoparticles. Journal of Non-Crystalline Solids, 2022, 580, 121405.	3.1	16
4	Structure, optical, and radiation shielding properties of PVAâ€“BaTiO3 nanocomposite films: An experimental investigation. Radiation Physics and Chemistry, 2021, 180, 109281.	2.8	73
5	The structure and optical properties of PVA-BaTiO3 nanocomposite films. Optical Materials, 2021, 111, 110648.	3.6	79
6	Effect of carbon nano tube in the structural and physical properties of polyvinyl chloride films. Physica Scripta, 2021, 96, 085804.	2.5	10
7	Structural and optical analysis of gamma-induced modification in polycarbonate nuclear track detector. Physica Scripta, 2021, 96, 125814.	2.5	14
8	Probing a new halogen-free electrolyte and Ba0.85Sm0.1TiO3 cathode for Mg battery applications. Journal of Materials Science: Materials in Electronics, 2021, 32, 28781-28791.	2.2	1
9	Investigation of Linear Optical Parameters and Dielectric Properties of Polyvinyl Alcohol/ZnO Nanocomposite Films. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 2000321.	1.8	25
10	Synthesis and structural of Cd0.5Zn0.5F2O4 nanoparticles and its influence on the structure and optical properties of polyvinyl alcohol films. Journal of Materials Science: Materials in Electronics, 2020, 31, 9666-9674.	2.2	29
11	Structural, linear and nonlinear optical properties of Ni nanoparticles â€“ Polyvinyl alcohol nanocomposite films for optoelectronic applications. Optical Materials, 2020, 107, 110037.	3.6	67
12	The Effect of TMEDA on the Structural, Optical and Electrochemical Properties of CuI Embedded in Polyvinyl alcohol Nanocomposite Films. Polymer Science - Series A, 2020, 62, 284-291.	1.0	0
13	Structural, thermal, and linear optical properties of <scp>SiO₂</scp> nanoparticles dispersed in polyvinyl alcohol nanocomposite films. Polymer Composites, 2020, 41, 3340-3350.	4.6	43
14	Structure of poly(acrylic acid), poly(methacrylic acid) and gelatin solutions. Journal of Molecular Liquids, 2019, 294, 111551.	4.9	9
15	Effect of Fe nanoparticles on the structure and optical properties of polyvinyl alcohol nanocomposite films. Journal of Non-Crystalline Solids, 2019, 519, 119452.	3.1	140
16	Phase transitions, structures, and rheological properties of hydroxypropyl celluloseâ€“ethylene glycol and ethyl celluloseâ€“dimethylformamide systems in the presence and in the absence of a magnetic field. Polymer Science - Series A, 2016, 58, 499-505.	1.0	9
17	Effect of a magnetic field on the rheological properties of the systems hydroxypropyl celluloseâ€“ethanol and hydroxypropyl celluloseâ€“dimethyl sulfoxide. Polymer Science - Series A, 2016, 58, 307-314.	1.0	11
18	Preparation and characterization of CuI/PVAâ€“PEDOT:PSS coreâ€“shell for photovoltaic application. Optik, 2014, 125, 2009-2016.	2.9	15

#	Article	IF	Citations
19	Electrical conduction and dielectric relaxation in p-type PVA/CuI polymer composite. Journal of Advanced Research, 2013, 4, 531-538.	9.5	85
20	Structure, dielectric and optical properties of p-type (PVA/CuI) nanocomposite polymer electrolyte for photovoltaic cells. Optik, 2012, 123, 1161-1166.	2.9	92
21	Photovoltaic properties of bulk heterojunction devices based on CuI-PVA as electron donor and PCBM and modified PCBM as electron acceptor. Materials Science-Poland, 2012, 30, 10-16.	1.0	13