Tarek S Soliman

List of Publications by Year
in descending order

21	754	687363 13	752698 20
papers	citations	h-index	g-index

21	21	21	533
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Structure, dielectric and optical properties of p-type (PVA/CuI) nanocomposite polymer electrolyte for photovoltaic cells. Optik, 2012, 123, 1161-1166.	2.9	92
3	Electrical conduction and dielectric relaxation in p-type PVA/CuI polymer composite. Journal of Advanced Research, 2013, 4, 531-538.	9.5	85
4	The structure and optical properties of PVA-BaTiO3 nanocomposite films. Optical Materials, 2021, 111, 110648.	3.6	79
5	Structure, optical, and radiation shielding properties of PVAâ€“BaTiO3 nanocomposite films: An experimental investigation. Radiation Physics and Chemistry, 2021, 180, 109281.	2.8	73
6	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
7	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
8	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
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	Structural, thermal, and optical properties of polyvinyl alcohol films doped with La2ZnOx nanoparticles. Journal of Non-Crystalline Solids, 2022, 580, 121405.	3.1	16
11	Preparation and characterization of CuI/PVAâ€“PEDOT:PSS coreâ€“shell for photovoltaic application. Optik, 2014, 125, 2009-2016.	2.9	15
12	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
13	Structural and optical analysis of gamma-induced modification in polycarbonate nuclear track detector. Physica Scripta, 2021, 96, 125814.	2.5	14
14	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
15	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
16	Effect of carbon nano tube in the structural and physical properties of polyvinyl chloride films. Physica Scripta, 2021, 96, 085804.	2.5	10
17	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
18	Structure of poly(acrylic acid), poly(methacrylic acid) and gelatin solutions. Journal of Molecular Liquids, 2019, 294, 111551.	4.9	9

#	Article	IF	Citations
19	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
20	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
21	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