Yasmin Khairy

List of Publications by Year
in descending order

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43	796	516710 16	552781 26
papers	citations	h-index	g-index

44	44	44	340
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tailoring the linear/nonlinear optical and visible shielding performance of PVP/PVOH incorporated with NiO nanoparticles for optical devices. Optik, 2022, 251, 168373.	2.9	10
2	Use of niobium oxide nanoparticles as nanofillers in <scp>PVP</scp>/<scp>PVA</scp> blends to enhance <scp>UVâ€“visible</scp> absorption, optoâ€linear, and nonlinear optical properties. Journal of Vinyl and Additive Technology, 2022, 28, 444-458.	3.4	9
3	Comparative Degradation Studies of Carmine Dye by Photocatalysis and Photoelectrochemical Oxidation Processes in the Presence of Graphene/N-Doped ZnO Nanostructures. Crystals, 2022, 12, 535.	2.2	7
4	Tailoring structure, nonlinear/linear optical, and dielectric properties of PVA/PVP film by spinel LiMn2O4 nanoparticles. Chinese Journal of Physics, 2022, 78, 27-43.	3.9	12
5	Fabrication, microstructure, and nonlinear/linear optical parameters of polymericâ€based poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlo for Advanced Technologies, 2022, 33, 3323-3338.	3.2	8
6	Influence of the indium on the structure and the optical properties of the ZnO thin film: Kramer kronig relation and the spectroscopic ellipsometry. Materials Letters, 2021, 283, 128783.	2.6	7
7	The detailed calculations of optical properties of indium-doped CdO nanostructured films using Kramers-Kronig relations. Journal of Non-Crystalline Solids, 2021, 552, 120454.	3.1	16
8	Control the nanostructured growth of manganese oxide using starch: Electrical and optical analysis. Optik, 2021, 227, 165969.	2.9	7
9	Optical and electrical properties of SnBr2-doped polyvinyl alcohol (PVA) polymeric solid electrolyte for electronic and optoelectronic applications. Optik, 2021, 228, 166129.	2.9	41
10	Synthesis, characterization, refractive index-bandgap relations, and optical nonlinearity parameters of CuI/PVOH nanocomposites. Optics and Laser Technology, 2021, 136, 106736.	4.6	9
11	Multifunctional Applications of a Novel Ru-Metal Mixed PVAL Flexible Composite for Limiting Absorption and Varistor: Synthesis, Optical, and Electrical Characterization. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 1503-1516.	3.7	7
12	Structural, electrical, and nonlinear optical performance of <scp>PVAL</scp> embedded with Li⁺â€ions for multifunctional devices. Polymers for Advanced Technologies, 2021, 32, 1011-1025.	3.2	7
13	Kramers-Kronig analysis of the optical linearity and nonlinearity of nanostructured Ga-doped ZnO thin films. Optics and Laser Technology, 2021, 135, 106691.	4.6	20
14	Vanadium Chloride Impregnated Polyvinyl Alcohol Composite as Efficient Linear, Non-Linear, and Limiting Optical Applications: Microstructure, Electrical, and Optical Properties. Physics of the Solid State, 2021, 63, 165-182.	0.6	2
15	Structure analysis and nonlinear/linear optical properties of PVAOH/Si composites for low-cost optical technologies and limiting absorption. Journal of Materials Science: Materials in Electronics, 2021, 32, 4466-4479.	2.2	9
16	Disentangling Self-Atomic Motions in Polyisobutylene by Molecular Dynamics Simulations. Polymers, 2021, 13, 670.	4.5	1
17	A novel polymer/ceramic composite film for different optical applications: optical linear, nonlinear, and limiting properties. Physica Scripta, 2021, 96, 055804.	2.5	7
18	Enhancing the optical absorption, conductivity, and nonlinear parameters of PVOH films by Bi-doping. New Journal of Physics, 2021, 23, 043001.	2.9	23

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19	Microstructure analysis and nonlinÂear/linear optical parameters of polymerÂic composite filÂms based PVAL for wiÂde optical applicatiÂons. Physica Scripta, 2021, 96, 115804.	2.5	13
20	Optical absorption and linear/nonlinear parameters of polyvinyl alcohol films doped by fullerene. Chinese Journal of Physics, 2021, 72, 270-285.	3.9	38
21	Investigating the structural morphology, linear/nonlinear optical characteristics of Nd₂O₃ doped PVA polymeric composite films: Kramers-Kroning approach. Physica Scripta, 2021, 96, 125831.	2.5	8
22	Investigating NaIO3 doped PVA polymeric nanocomposites via the structural morphology and linear and nonlinear optical analysis: For optoelectronic systems. Optik, 2021, 245, 167724.	2.9	17
23	Photoluminescence, optical limiting, and linear/nonlinear optical parameters of PVP/PVAL blend embedded with silver nitrate. Optik, 2021, 247, 167863.	2.9	29
24	Anomalous behaviour of the electrical properties for PVA/TiO2 nanocomposite polymeric films. Polymer Bulletin, 2020, 77, 6255-6269.	3.3	27
25	Structural investigation and optical enhancement characterization of nanostructured Ga-doped @CdO/FTO films for photodiode applications. Optical Materials, 2020, 110, 110458.	3.6	12
26	Enhancement of optoelectronic parameters of Nd-doped ZnO nanowires for photodetector applications. Optical Materials, 2020, 109, 110396.	3.6	129
27	Facile synthesis, structure, AFM, thermal, and optical analysis of BiI3/PVAL nanocomposite films for laser CUT-OFF optical devices. Vacuum, 2020, 180, 109640.	3.5	17
28	Influence of cobalt-metal concentration on the microstructure and optical limiting properties of PVA. Optical Materials, 2020, 108, 110212.	3.6	14
29	Detailed investigation of optical linearity and nonlinearity of nanostructured Ce-doped CdO thin films using Kramersâ€"Kronig relations. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	12
30	Synthesis, optical limiting and properties of Rhodamine B-doped PMMA polymeric films/glass substrate: New trends in polymeric composites. Optik, 2020, 212, 164687.	2.9	11
31	Facile synthesis, structure analysis and optical performance of manganese oxide-doped PVA nanocomposite for optoelectronic and optical cut-off laser devices. Journal of Materials Science: Materials in Electronics, 2020, 31, 8072-8085.	2.2	25
32	Facile design of a CUT-OFF laser power attenuation using safranin O-doped PMMA polymeric composite films: Optical spectroscopy and dielectric properties. Optik, 2020, 219, 164943.	2.9	14
33	The optical characteristic of PVA composite films doped by ZrO₂ for optoelectronic and block UV-Visible applications. Materials Research Express, 2019, 6, 115346.	1.6	34
34	Optical and electrical performance of copper chloride doped polyvinyl alcohol for optical limiter and polymeric varistor devices. Physica B: Condensed Matter, 2019, 572, 256-265.	2.7	36
35	The visible laser absorption property of chromium-doped polyvinyl alcohol films: synthesis, optical and dielectric properties. Optical and Quantum Electronics, 2019, 51, 1.	3.3	26
36	Microstructure and optical properties of Ni2+ doped PVA for optoelectronic devices. Physica B: Condensed Matter, 2019, 570, 41-47.	2.7	29

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37	THU0495â€...ROLE OF PLATELET RICH PLASMA IN TREATMENT OF ROTATOR CUFF TENDINOPATHY AND PARTIAL THICKNESS TEAR: FOLLOW UP BY ULTRASOUND. , 2019, , .		0
38	Facile low temperature synthesis and characterization of bismuth molybdate (Bi2MoO6) nanostructures: An effect surfactant concentration. Optik, 2019, 178, 90-96.	2.9	17
39	Optical spectroscopy and electrical analysis of La3+-doped PVA composite films for varistor and optoelectronic applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 20424-20432.	2.2	30
40	Collective Features in Polyisobutylene. A Study of the Static and Dynamic Structure Factor by Molecular Dynamics Simulations. Macromolecules, 2014, 47, 447-459.	4.8	15
41	Modeling the collective relaxation time of glass-forming polymers at intermediate length scales: Application to polyisobutylene. Journal of Chemical Physics, 2013, 139, 044906.	3.0	26
42	Applicability of mode-coupling theory to polyisobutylene: A molecular dynamics simulation study. Physical Review E, 2013, 88, 042302.	2.1	13
43	Study the effect of mercuric ions concentration on some optical properties of Polyvinyl (alcohol/) Tj ETQq1 1 0.784314 rgBT /Overloc	2.5	2