

E F M El-Zaidia

List of Publications by Year in descending order

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48
papers

780
citations

516710

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552781

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48
all docs

48
docs citations

48
times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and optical properties of thermal evaporated magnesium phthalocyanine (MgPc) thin films. Applied Surface Science, 2008, 254, 2458-2465.	6.1	97
2	Methylsilicon phthalocyanine hydroxide doped PVA films for optoelectronic applications: FTIR spectroscopy, electrical conductivity, linear and nonlinear optical studies. Physica B: Condensed Matter, 2019, 571, 93-100.	2.7	53
3	Influence of X-ray irradiation on the optical properties of CoMTPP thin films. Optics Communications, 2011, 284, 2259-2263.	2.1	49
4	Effect of heat treatment on morphological, structural and optical properties of CoMTPP thin films. Solid State Sciences, 2011, 13, 596-600.	3.2	48
5	Gamma irradiation effect on the structural and optical properties of nanostructured InSe thin films. Journal of Non-Crystalline Solids, 2013, 382, 74-78.	3.1	45
6	Optical and dispersion properties of thermally deposited phenol red thin films. Optics and Laser Technology, 2018, 107, 402-407.	4.6	42
7	Dielectric and electrical conductivity studies of bulk lead (II) oxide (PbO). Journal of Alloys and Compounds, 2014, 589, 393-398.	5.5	37
8	Electrical conductivity and dielectric measurements of CoMTPP. Materials Chemistry and Physics, 2014, 143, 490-494.	4.0	26
9	Optical linearity and bandgap analysis of Erythrosine B doped in polyvinyl alcohol films. Optical Materials, 2020, 100, 109661.	3.6	24
10	Dielectric Relaxation Behavior and AC Electrical Conductivity Study of 2-(1,2-Dihydro-7-Methyl-2-Oxoquinoline-5-yl) Malononitrile (DMOQMN). Journal of Electronic Materials, 2017, 46, 1093-1099.	2.2	22
11	Characterization and photovoltaic performance of organic device based on CoMTPP/p-Si heterojunction. Microelectronic Engineering, 2014, 116, 58-64.	2.4	21
12	Thin films of nanostructured gallium (III) chloride phthalocyanine deposited on FTO: Structural characterization, optical properties, and laser optical limiting. Physica B: Condensed Matter, 2020, 593, 412321.	2.7	20
13	Studies structure, surface morphology, linear and nonlinear optical properties of nanocrystalline thin films of manganese (III) phthalocyanine chloride for photodetectors application. Sensors and Actuators A: Physical, 2021, 330, 112828.	4.1	19
14	Comparable optical properties and dispersion parameters of monomeric axial ruthenium phthalocyanine thin films. Journal of Luminescence, 2013, 138, 187-194.	3.1	18
15	Thermally evaporated of homogeneous nanostructured gallium-phthalocyanine-chloride films: Optical spectroscopy. Optical Materials, 2020, 109, 110407.	3.6	18
16	Deposition of nanostructured methyl violet-10B films/FTO: Optical limiting and optical linearity/nonlinearity. Materials Chemistry and Physics, 2020, 240, 122074.	4.0	17
17	Studying the surface morphology, linear and nonlinear optical properties of manganese (III) phthalocyanine chloride/FTO films. Physica B: Condensed Matter, 2021, 622, 413355.	2.7	16
18	Electrical Transport Mechanisms and Photovoltaic Characterisation of MgPc /p-Silicon Hybrid Organic-Inorganic Solar Cells. Current Organic Chemistry, 2010, 14, 84-88.	1.6	14

#	ARTICLE	IF	CITATIONS
19	Characteristics of dielectric properties and conduction mechanism of TlInS ₂ :Cu single crystals. <i>Physica B: Condensed Matter</i> , 2013, 431, 54-57.	2.7	14
20	Electronic properties and photovoltaic performance of VONc-ZnO hybrid junction solar cells. <i>Synthetic Metals</i> , 2020, 259, 116227.	3.9	13
21	Preparation, Raman spectroscopy, surface morphology and optical properties of TiPcCl ₂ nanostructured films: thickness effect. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	3.3	13
22	Structural characterization and optical properties of nanostructured indium (III) phthalocyanine chloride/FTO thin films for photoelectric applications. <i>Optik</i> , 2021, 239, 166780.	2.9	12
23	Effect of annealing on optical properties of 2-chloro-5-(2,5-dimethoxy-benzylidene)-1,3-diethyl-dihydro-pyrimidine-4,6(1H,5H)-dione thin films. <i>Materials Science in Semiconductor Processing</i> , 2014, 26, 726-730.	4.0	9
24	A simulated neural system (ANNs) for micro-hardness of nano-crystalline titanium dioxide. <i>Physica B: Condensed Matter</i> , 2019, 556, 183-189.	2.7	9
25	Experimental investigation and modeling of electrical properties for phenol red thin film deposited on silicon using back propagation artificial neural network. <i>Chinese Journal of Physics</i> , 2020, 67, 602-614.	3.9	9
26	Structural, electronic, and optoelectronic characteristics of GaClPc/n-Si heterojunction for photodiode device. <i>Materials Science in Semiconductor Processing</i> , 2022, 147, 106704.	4.0	9
27	Electrical and photoelectrical properties of a vacuum-deposited MnClPc/n-Si heterojunction for photodiode application. , 2022, 167, 207239.		8
28	Current-voltage and photovoltaic characteristics of n-Ge ₁₀ Se ₈₀ In ₁₀ /p-Si heterojunction. <i>Materials Science in Semiconductor Processing</i> , 2014, 24, 254-259.	4.0	7
29	Investigation of structural and electrical properties of 2,9-Bis [2-(4-chlorophenyl)ethyl] anthracene [2,1,9-def:6,5,10-dâ€²eâ€²f] diisoquinoline-1,3,8,10 (2H,9H) tetrone (Ch-diisoQ) nanostructured films for photoelectronic applications. <i>Physica B: Condensed Matter</i> , 2019, 558, 116-121.	2.7	7
30	STRUCTURAL, OPTICAL, ELECTRICAL AND DIELECTRIC PROPERTIES OF PVA-YCl ₃ FILMS. <i>Surface Review and Letters</i> , 2019, 26, 1850149.	1.1	7
31	Estimation of Electrical Conductivity and Impedance Spectroscopic of Bulk CdIn ₂ Se ₄ Chalcogenide. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 2979-2986.	3.7	7
32	Facile deposition of nanostructured Rhodamine-6G/FTO optical system thin films for optical limiting. <i>Materials Chemistry and Physics</i> , 2020, 247, 122877.	4.0	7
33	Facile deposition of non-crystalline films of indium (III) phthalocyanine chloride for flexible electronic applications. <i>Journal of Non-Crystalline Solids</i> , 2021, 571, 121043.	3.1	7
34	Fabrication, electrical and photovoltaic characteristics of perylene-6,6 based diodes (comparative) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50	3.9	6
35	Physico-chemical properties of acid fuchsin as novel organic semiconductors: Structure, optical and electrical properties. <i>Physica B: Condensed Matter</i> , 2019, 571, 71-75.	2.7	6
36	Linear and nonlinear optical characteristics of manganese phthalocyanine chloride/polyacetate sheet: Towards flexible optoelectronic devices. <i>Optical Materials</i> , 2021, 114, 110988.	3.6	6

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37	Fabrication and study the performance of solar cell made from new nanostructure phthalocyanine complex thin film. <i>Synthetic Metals</i> , 2015, 199, 388-393.	3.9	5
38	Dielectric relaxation and optical properties of 4-amino-3-mercapto-6-(2-(2-thienyl)vinyl)-1,2,4-triazin-5(4H)-one donor. <i>Pramana - Journal of Physics</i> , 2017, 88, 1.	1.8	5
39	Fabrication and Electrical Characteristics of Thioindigo/Silicon Heterojunction. <i>Silicon</i> , 2018, 10, 2519-2526.	3.3	5
40	Noncrystalline films of gallium (III) phthalocyanine chloride evaporated on a flexible polymer substrate for flexible organic technology: optical spectroscopy and optical limiting. <i>Physica Scripta</i> , 2020, 95, 115802.	2.5	5
41	Rhodamine-6G organic films for optical limits: structural analysis, surface morphology, linear and nonlinear optical characteristics. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	4
42	Investigation of structural, electrical conductivity and dielectric properties of bulk Azure A chloride. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	3
43	Effect of thickness on structural and optical characteristics of Indium Phthalocyanine Chloride thin films for photodiode devices. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 1907-1917.	2.2	3
44	Temperature and frequency dependence of dielectric characteristics, modulus spectroscopy and AC electrical conductivity in Erythrosine B thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 1528-1535.	2.2	3
45	Fourier-transform infrared and electrical properties of magnesium phthalocyanine thin films. <i>EPJ Applied Physics</i> , 2011, 54, 10201.	0.7	2
46	Phase, AC conductivity and dielectric properties of Indeno[1,2-b]fluorene-6,12 dione thin film as a function of frequency and temperature. <i>Physica Scripta</i> , 2021, 96, 075810.	2.5	2
47	Effect of gamma irradiation on the optical properties of nano-MgPc thin films. <i>International Journal of Nano and Biomaterials</i> , 2009, 2, 31.	0.1	1
48	Quantum Confinement Observation of Milled Potassium Chloride. <i>Nano</i> , 2019, 14, 1950067.	1.0	0