Talaat A Hameed

List of Publications by Year
in descending order

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20 papers	527 citations	516710 16 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	329 citing authors

#	Article	IF	Citations
1	Optimization, structural, optical and magnetic properties of TiO2/CoFe2O4 nanocomposites. Ceramics International, 2022, 48, 20418-20425.	4.8	24
2	Novel Cu0.96V0.02M0.02O (M = Mn, Fe, Co, Ni) nanocompositions: Remarkable optical and room temperature superparamagnetic properties. Optical Materials, 2022, 127, 112254.	3.6	8
3	Structural, morphological, optical, and dielectric properties of <scp>PVAâ€PVP</scp> filled with zinc oxide <scp>aluminumâ€graphene</scp> oxide composite for promising applications. Polymers for Advanced Technologies, 2022, 33, 1009-1020.	3.2	26
4	Structureâ€“dynamic properties relationships in poly(ethylene oxide)/silicon dioxide nanocomposites: dielectric relaxation study. Polymer Bulletin, 2021, 78, 5205-5223.	3.3	21
5	Structural and Nanomechanical Properties of Cu (InxGa1â€“x)Se2 Thin Films Fabricated by One-Step Sputtering. Jom, 2021, 73, 2790-2797.	1.9	8
6	The Influence of Substrate Temperatures and Thickness on Optical and Electrical Conductivity of CuIn(Se0.25S0.75)2. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 1360-1368.	3.7	18
7	The effect of selenium on the structural, morphology, optical, electrical properties of Cu2Te thin films for thermoelectric and photovoltaic applications. Optical Materials, 2020, 109, 110308.	3.6	27
8	Investigation of electrical and dielectric properties of epitaxially grown Au/n-GaAs/p-Si/Al heterojunction. Optical and Quantum Electronics, 2020, 52, 1.	3.3	18
9	Influence of SiO2 nanoparticles on morphology, optical, and conductivity properties of Poly (ethylene oxide). Journal of Materials Science: Materials in Electronics, 2020, 31, 10422-10436.	2.2	25
10	Synthesis of Sm³⁺ and Gd³⁺ Ions Embedded in Nano-Structure Barium Titanate Prepared by Sol-Gel Technique: Terahertz, Dielectric and Up-Conversion Study. ECS Journal of Solid State Science and Technology, 2020, 9, 123005.	1.8	21
11	Investigating the effect of thickness on the structural, morphological, optical and electrical properties of AgBiSe2 thin films. Journal of Alloys and Compounds, 2019, 805, 1-11.	5.5	45
12	Synthesis and characterization of undoped and Er-doped ZnO nano-structure thin films deposited by sol-gel spin coating technique. Materials Research Express, 2019, 6, 085916.	1.6	21
13	Synthesis, structural, linear and nonlinear optical properties of chromium doped SnO2 thin films. Ceramics International, 2019, 45, 3072-3080.	4.8	79
14	Preparation and characterization of optical and electrical properties of copper selenide sulfide polycrystalline thin films. Journal of Alloys and Compounds, 2018, 740, 1125-1132.	5.5	22
15	Synthesis and characterization of thermochromic Ag2HgI4 thin films. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	31
16	Characterization of CuInGeSe4 thin films and Al/nâ€“Si/pâ€“CuInGeSe4/Au heterojunction device. Journal of Materials Science: Materials in Electronics, 2018, 29, 12584-12594.	2.2	34
17	Synthesis and characterization of F-doped CdS thin films by spray pyrolysis for photovoltaic applications. Materials Research Express, 2018, 5, 066416.	1.6	41
18	Effect of substrate temperature on properties of Cu(In, Ga, Al)Se2 films grown by magnetron sputtering. Journal of Materials Science: Materials in Electronics, 2016, 27, 3209-3216.	2.2	17

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19	Properties of Cu(In,Ga,Al)Se2 thin films fabricated by magnetron sputtering. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2015, 33, .	2.1	22
20	Properties of Cu(In,Ga,Al)Se2 thin films fabricated by pulsed laser deposition. Journal of Materials Science: Materials in Electronics, 2015, 26, 1743-1747.	2.2	19