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	Synthesis, structural, linear and nonlinear optical properties of chromium doped SnO2 thin films. Ceramics International, 2019, 45, 3072-3080.	4.8	79
2	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
3	Synthesis and characterization of F-doped CdS thin films by spray pyrolysis for photovoltaic applications. Materials Research Express, 2018, 5, 066416.	1.6	41
4	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
5	Synthesis and characterization of thermochromic Ag2HgI4 thin films. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	31
6	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
7	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
8	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
9	Optimization, structural, optical and magnetic properties of TiO2/CoFe2O4 nanocomposites. Ceramics International, 2022, 48, 20418-20425.	4.8	24
10	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
11	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
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	Structureâ€“dynamic properties relationships in poly(ethylene oxide)/silicon dioxide nanocomposites: dielectric relaxation study. Polymer Bulletin, 2021, 78, 5205-5223.	3.3	21
14	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
15	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
16	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
17	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
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

#	Article	IF	Citations
19	Structural and Nanomechanical Properties of Cu (InxGa1â€“x)Se2 Thin Films Fabricated by One-Step Sputtering. Jom, 2021, 73, 2790-2797.	1.9	8
20	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