

Mohamed N Abd-El Salam

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

188
citations

1306789

7
h-index

1281420

11
g-index

12
all docs

12
docs citations

12
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the optical and electrical parameters of As _{47.5} Se _{47.5} Ag ₅ thin films with different thicknesses for optoelectronic applications. <i>Optik</i> , 2019, 178, 1302-1312.	1.4	52
2	Structural, linear and non-linear optical properties of annealed As _{47.5} Se _{47.5} Ag ₅ thin films for optoelectronic applications. <i>Optical Materials</i> , 2018, 86, 318-325.	1.7	40
3	Determination of the optical constants of As _{47.5} Se _{47.5} Ag ₅ chalcogenide thick films with high precision for optoelectronics applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 13379-13390.	1.1	24
4	Effect of Ag addition on crystallization kinetics and thermal stability of As _{47.5} Se _{47.5} Ag ₅ chalcogenide glasses. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 132, 91-101.	2.0	18
5	Kinetic analysis of crystallization process of Se-In-Pb glasses by isoconversion method. <i>Thermochimica Acta</i> , 2013, 573, 57-64.	1.2	15
6	The effective role of dilute Co on SnO ₂ nanoparticles: Structural, optical and magnetic characterization properties for spintronics. <i>Sensors and Actuators A: Physical</i> , 2021, 331, 112984.	2.0	13
7	Experimental and theoretical studies of glass and crystallization kinetics of semiconducting As ₄₀ Se ₄₀ Ag ₂₀ chalcogenide glass. <i>Physica B: Condensed Matter</i> , 2021, 608, 412745.	1.3	9
8	The crystallization kinetics studies of the two crystallization stages of As _{37.5} Se _{37.5} Ag ₂₅ glass using the model-fitting and model-free approaches. <i>Chinese Journal of Physics</i> , 2019, 60, 35-47.	2.0	6
9	Pre-Crystallization Criteria and Triple Crystallization Kinetic Parameters of Amorphous to Crystalline Phase Transition of As ₄₀ S ₄₅ Se ₁₅ Alloy. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 4563-4580.	1.9	5
10	Examination of the kinetic reaction mechanisms of amorphous As ₅₀ Se ₅₀ chalcogenide glass. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	1.1	4
11	Role of Cu dilute on microstructures, optical, photoluminescence, magnetic and electrical properties of CdS film. <i>Materials Science in Semiconductor Processing</i> , 2021, 127, 105687.	1.9	2