

Temenuga Hristova-Vasileva

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2840137/publications.pdf>

Version: 2024-02-01

26
papers

81
citations

1684188
5
h-index

1474206
9
g-index

26
all docs

26
docs citations

26
times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification and chemical sensitivity of sol gel deposited nanocrystalline ZnO films. <i>Materials Chemistry and Physics</i> , 2018, 209, 165-171.	4.0	18
2	Influence of 20â€‰MeV electron irradiation on the optical properties and phase composition of SiOx thin films. <i>Journal of Applied Physics</i> , 2018, 123, 195303.	2.5	12
3	Glass formation in the Asâ€‰Teâ€‰Sb system. <i>Materials Chemistry and Physics</i> , 2007, 105, 53-57.	4.0	10
4	â€œCymaticsâ€ of selenium and tellurium films deposited in vacuum on vibrating substrates. <i>Surface and Coatings Technology</i> , 2016, 307, 542-546.	4.8	6
5	Glass formation in the As ₂ Se ₃ â€‰As ₂ Te ₃ â€‰Sb ₂ Te ₃ system. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 2540-2543.	4.0	5
6	Electronic structure and plasmonic activity in co-evaporated Ag-In bimetallic alloys. <i>Journal of Alloys and Compounds</i> , 2022, 897, 163253.	5.5	5
7	Phase equilibria in the Ag ₄ SSeâ€‰PbTe system. <i>Thermochimica Acta</i> , 2012, 531, 42-45.	2.7	4
8	Glass formation in the As ₂ Te ₃ â€‰As ₂ Se ₃ â€‰SnTe system. <i>Materials Letters</i> , 2007, 61, 3676-3678.	2.6	3
9	Thin Ag/Bi coatings as epsilon-near-zero material with low optical losses. <i>Optical Materials</i> , 2022, 124, 112040.	3.6	3
10	New chalcogenide glasses in the GeSe ₂ -Sb ₂ Te ₃ -CdTe system. <i>Revue De Metallurgie</i> , 2012, 109, 17-20.	0.3	2
11	Region of glass formation and main physicochemical properties of glasses from the As ₂ Se ₃ â€‰Ag ₄ SSeâ€‰PbTe system. <i>Journal of Alloys and Compounds</i> , 2013, 573, 32-36.	5.5	2
12	As ₂ Se ₃ thin films deposited by frequency assisted thermal evaporation â€ morphology and structure. <i>Journal of Physics: Conference Series</i> , 2017, 794, 012015.	0.4	2
13	Changes in composite nc-Si-SiO ₂ thin films caused by 20â€‰MeV electron irradiation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 458, 159-163.	1.4	2
14	Room temperature sensitivity of ZnSe nanolayers to ethanol vapours. <i>Journal of Physics: Conference Series</i> , 2019, 1186, 012023.	0.4	2
15	Influence of fast neutron irradiation on the phase composition and optical properties of homogeneous SiOx and composite Siâ€‰SiOx thin films. <i>Journal of Materials Science</i> , 2021, 56, 3197-3209.	3.7	2
16	Glass-formation and phase transformation parameters of chalcogenide glasses from the GeSe ₂ -GeTe-ZnTe system. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 3139-3142.	0.8	1
17	Phase Equilibria in the GeSe ₂ -Ag ₄ SSe system. <i>Journal of Phase Equilibria and Diffusion</i> , 2012, 33, 106-109.	1.4	1
18	In-depth evolution of tellurium films deposited by Frequency Assisted Thermal Evaporation in Vacuum (FATEV). <i>Journal of Physics: Conference Series</i> , 2019, 1186, 012026.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Thermodynamic Investigations of Chalcogenide Glasses from the $\text{GeSe}_2\text{-Sb}_2\text{Te}_3\text{-CdTe}$ System. <i>Solid State Phenomena</i> , 2012, 194, 179-182.	0.3	0
20	Cooling rate and situation of the glass-forming border in the $\text{GeSe}_2\text{-Sb}_2\text{Te}_3\text{-PbSb}_2\text{Te}_4$ system. <i>Revue De Metallurgie</i> , 2012, 109, 21-26.	0.3	0
21	Phase Equilibria in the $\text{TeO}_2\text{-CdI}_2$ System. <i>Journal of Phase Equilibria and Diffusion</i> , 2014, 35, 575-580.	1.4	0
22	Phase Equilibria in the $\text{Sb}_2\text{Te}_3\text{-InSb}$ System. <i>Journal of Phase Equilibria and Diffusion</i> , 2016, 37, 524-531.	1.4	0
23	Influence of the thickness on the morphology and sensing ability of thermally-deposited tellurium films. <i>Journal of Physics: Conference Series</i> , 2016, 700, 012037.	0.4	0
24	Spectroscopic ellipsometry investigation of electronic states and optical properties of thin films from $\text{Ge}_{30}\text{As}_x\text{Se}_{70-x}$ system. <i>Journal of Non-Crystalline Solids</i> , 2020, 538, 120048.	3.1	0
25	Properties of ZnSe nanocrystalline thin films prepared by thermal evaporation. <i>Journal of Physics: Conference Series</i> , 2021, 1762, 012036.	0.4	0
26	Microstructural, Morphological And Optical Characterization of $\text{As}_2\text{Se}_3\text{-As}_2\text{Te}_3\text{-Sb}_2\text{Te}_3$ Amorphous Layers. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2009, , 357-360.	0.3	0