Temenuga Hristova-Vasileva

List of Publications by Year
in descending order

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	Electronic structure and plasmonic activity in co-evaporated Ag-In bimetallic alloys. Journal of Alloys and Compounds, 2022, 897, 163253.	5.5	5
2	Thin Ag/Bi coatings as epsilon-near-zero material with low optical losses. Optical Materials, 2022, 124, 112040.	3.6	3
3	Influence of fast neutron irradiation on the phase composition and optical properties of homogeneous SiOx and composite Siâ€“SiOx thin films. Journal of Materials Science, 2021, 56, 3197-3209.	3.7	2
4	Properties of ZnSe nanocrystalline thin films prepared by thermal evaporation. Journal of Physics: Conference Series, 2021, 1762, 012036.	0.4	0
5	Spectroscopic ellipsometry investigation of electronic states and optical properties of thin films from Ge30AsxSe70-x system. Journal of Non-Crystalline Solids, 2020, 538, 120048.	3.1	0
6	In-depth evolution of tellurium films deposited by Frequency Assisted Thermal Evaporation in Vacuum (FATEV). Journal of Physics: Conference Series, 2019, 1186, 012026.	0.4	1
7	Changes in composite nc-Si-SiO2 thin films caused by 20â€¯MeV electron irradiation. Nuclear Instruments & Methods in Physics Research B, 2019, 458, 159-163.	1.4	2
8	Room temperature sensitivity of ZnSe nanolayers to ethanol vapours. Journal of Physics: Conference Series, 2019, 1186, 012023.	0.4	2
9	Surface modification and chemical sensitivity of sol gel deposited nanocrystalline ZnO films. Materials Chemistry and Physics, 2018, 209, 165-171.	4.0	18
10	Influence of 20â€‰MeV electron irradiation on the optical properties and phase composition of SiOx thin films. Journal of Applied Physics, 2018, 123, 195303.	2.5	12
11	As2Se3 thin films deposited by frequency assisted thermal evaporation â€“ morphology and structure. Journal of Physics: Conference Series, 2017, 794, 012015.	0.4	2
12	Phase Equilibria in the Sb2Te3â€“InSb System. Journal of Phase Equilibria and Diffusion, 2016, 37, 524-531.	1.4	0
13	Influence of the thickness on the morphology and sensing ability of thermally-deposited tellurium films. Journal of Physics: Conference Series, 2016, 700, 012037.	0.4	0
14	â€œCymaticsâ€•of selenium and tellurium films deposited in vacuum on vibrating substrates. Surface and Coatings Technology, 2016, 307, 542-546.	4.8	6
15	Phase Equilibria in the TeO2-CdI2 System. Journal of Phase Equilibria and Diffusion, 2014, 35, 575-580.	1.4	0
16	Region of glass formation and main physicochemical properties of glasses from the As2Se3â€“Ag4SSeâ€“PbTe system. Journal of Alloys and Compounds, 2013, 573, 32-36.	5.5	2
17	Thermodynamic Investigations of Chalcogenide Glasses from the GeSe₂â€“Sb₂Te₃â€“CdTe System. Solid State Phenomena, 2012, 194, 179-182.	0.3	0
18	Cooling rate and situation of the glass-forming border in the GeSe2-Sb2Te3-PbSb2Te4system. Revue De Metallurgie, 2012, 109, 21-26.	0.3	0

#	Article	IF	Citations
19	New chalcogenide glasses in the GeSe₂-Sb₂Te₃-CdTe system. Revue De Metallurgie, 2012, 109, 17-20.	0.3	2
20	Phase Equilibria in the GeSe2-Ag4SSe system. Journal of Phase Equilibria and Diffusion, 2012, 33, 106-109.	1.4	1
21	Phase equilibria in the Ag4SSeâ€“PbTe system. Thermochimica Acta, 2012, 531, 42-45.	2.7	4
22	Glass-formation and phase transformation parameters of chalcogenide glasses from the GeSe2-GeTe-ZnTe system. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 3139-3142.	0.8	1
23	Microstructural, MOrphological And Optical Characterization of As2Se3â€“As2 Te3â€“Sb2Te3 Amorphous Layers. NATO Science for Peace and Security Series B: Physics and Biophysics, 2009, , 357-360.	0.3	0
24	Glass formation in the As2Se3â€“As2Te3â€“Sb2Te3 system. Journal of Physics and Chemistry of Solids, 2008, 69, 2540-2543.	4.0	5
25	Glass formation in the Asâ€“Teâ€“Sb system. Materials Chemistry and Physics, 2007, 105, 53-57.	4.0	10
26	Glass formation in the As2Te3â€“As2Se3â€“SnTe system. Materials Letters, 2007, 61, 3676-3678.	2.6	3