Jana Shanelova

List of Publications by Year
in descending order

27	383	840776 11	794594 19
papers	citations	h-index	g-index

27	27	27	270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Crystal Growth Kinetics in GeS₂ Glass and Viscosity of Supercooled Liquid. Journal of Physical Chemistry B, 2021, 125, 7515-7526.	2.6	4
2	Viscosity of chalcogenide glass-formers. International Materials Reviews, 2020, 65, 63-101.	19.3	23
3	Transient Nucleation in Geâ€“Sbâ€“S Thin Films. Crystal Growth and Design, 2018, 18, 4562-4570.	3.0	2
4	Crystal Growth Velocity in As₂Se₃ Supercooled Liquid. Crystal Growth and Design, 2017, 17, 4990-4999.	3.0	11
5	General Approach to the Nucleation and Crystal Growth in Sb_{0.5}Se_{99.5} Glass Explaining the Shape of DSC Curves. Crystal Growth and Design, 2016, 16, 2904-2911.	3.0	6
6	Spherulitic Crystal Growth Velocity in Selenium Supercooled Liquid. Crystal Growth and Design, 2016, 16, 5811-5821.	3.0	18
7	Crystal Growth Kinetics and Viscous Behavior in Ge₂Sb₂Se₅ Undercooled Melt. Journal of Physical Chemistry B, 2016, 120, 7998-8006.	2.6	10
8	Thermal properties and viscous flow behavior of As2Se3 glass. Journal of Alloys and Compounds, 2016, 655, 220-228.	5.5	18
9	Thermodynamic model and viscosity of Geâ€“S glasses. Journal of Thermal Analysis and Calorimetry, 2014, 116, 581-588.	3.6	10
10	As2Se3 melt crystallization studied by quadratic approximation of nucleation and growth rate temperature dependence. Journal of Thermal Analysis and Calorimetry, 2013, 114, 971-977.	3.6	7
11	Crystallization Kinetics in Amorphous and Glassy Materials. Hot Topics in Thermal Analysis and Calorimetry, 2012, , 291-324.	0.5	1
12	Viscosity Measurements Applied to Chalcogenide Glass-Forming Systems. Hot Topics in Thermal Analysis and Calorimetry, 2011, , 165-178.	0.5	0
13	Viscosity of (GeS2)x(Sb2S3)1â^'x supercooled melts. Journal of Non-Crystalline Solids, 2006, 352, 3952-3955.	3.1	21
14	The non-isothermal crystallization kinetics of Sb2S3 in the (GeS2)0.2(Sb2S3)0.8 glass. Thermochimica Acta, 2006, 445, 116-120.	2.7	28
15	Relaxation behavior of selenium based glasses. Journal of Thermal Analysis and Calorimetry, 2005, 80, 643-647.	3.6	15
16	Dilatometric and positron annihilation lifetime spectroscopic studies on amorphous and polycrystalline selenium. Journal of Non-Crystalline Solids, 2005, 351, 1082-1088.	3.1	6
17	Kinetics of crystal growth of germanium disulfide in Ge0.38S0.62 chalcogenide glass. Journal of Non-Crystalline Solids, 2005, 351, 557-567.	3.1	27
18	Viscosity of Cux(As2Se3)100â^'x supercooled melts. Journal of Non-Crystalline Solids, 2005, 351, 3152-3155.	3.1	9

#	Article	IF	Citations
19	Structural relaxation of As2Se3 glass and viscosity of supercooled liquid. Journal of Non-Crystalline Solids, 2005, 351, 3458-3467.	3.1	43
20	Nanocrystallization of anatase in amorphous TiO2. Thermochimica Acta, 2004, 414, 137-143.	2.7	26
21	Kinetic phenomena in non-crystalline materials studied by thermal analysis. Journal of Thermal Analysis and Calorimetry, 2003, 72, 289-297.	3.6	12
22	Structural relaxation of amorphous Ge38S62 studied by length dilatometry and calorimetry. Journal of Thermal Analysis and Calorimetry, 2003, 72, 355-362.	3.6	8
23	The effect of non-linearity contribution on the volume and enthalpy relaxation in amorphous materials. Journal of Non-Crystalline Solids, 2002, 307-310, 463-469.	3.1	3
24	The effect of non-linearity contribution to the volume and enthalpy relaxations in amorphous materials. Journal of Non-Crystalline Solids, 2002, 307-310, 778-784.	3.1	2
25	Micro-rheology and relaxation phenomena in Tg vicinity. Macromolecular Symposia, 2000, 158, 91-102.	0.7	1
26	Structural Relaxation in Amorphous Solids Studied by Thermal Analysis Methods. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 2000, 60, 975-988.	1.4	7
27	Viscosity of germanium sulfide melts. Journal of Non-Crystalline Solids, 1999, 243, 116-122.	3.1	65