

# Jana Shanelova

## List of Publications by Year in descending order

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27  
papers

383  
citations

840776

11  
h-index

794594

19  
g-index

27  
all docs

27  
docs citations

27  
times ranked

270  
citing authors

#	ARTICLE	IF	CITATIONS
1	Viscosity of germanium sulfide melts. <i>Journal of Non-Crystalline Solids</i> , 1999, 243, 116-122.	3.1	65
2	Structural relaxation of As <sub>2</sub> Se <sub>3</sub> glass and viscosity of supercooled liquid. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 3458-3467.	3.1	43
3	The non-isothermal crystallization kinetics of Sb <sub>2</sub> S <sub>3</sub> in the (GeS <sub>2</sub> ) <sub>0.2</sub> (Sb <sub>2</sub> S <sub>3</sub> ) <sub>0.8</sub> glass. <i>Thermochimica Acta</i> , 2006, 445, 116-120.	2.7	28
4	Kinetics of crystal growth of germanium disulfide in Ge <sub>0.38</sub> S <sub>0.62</sub> chalcogenide glass. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 557-567.	3.1	27
5	Nanocrystallization of anatase in amorphous TiO <sub>2</sub> . <i>Thermochimica Acta</i> , 2004, 414, 137-143.	2.7	26
6	Viscosity of chalcogenide glass-formers. <i>International Materials Reviews</i> , 2020, 65, 63-101.	19.3	23
7	Viscosity of (GeS <sub>2</sub> ) <sub>x</sub> (Sb <sub>2</sub> S <sub>3</sub> ) <sub>1-x</sub> supercooled melts. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 3952-3955.	3.1	21
8	Spherulitic Crystal Growth Velocity in Selenium Supercooled Liquid. <i>Crystal Growth and Design</i> , 2016, 16, 5811-5821.	3.0	18
9	Thermal properties and viscous flow behavior of As <sub>2</sub> Se <sub>3</sub> glass. <i>Journal of Alloys and Compounds</i> , 2016, 655, 220-228.	5.5	18
10	Relaxation behavior of selenium based glasses. <i>Journal of Thermal Analysis and Calorimetry</i> , 2005, 80, 643-647.	3.6	15
11	Kinetic phenomena in non-crystalline materials studied by thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003, 72, 289-297.	3.6	12
12	Crystal Growth Velocity in As <sub>2</sub> Se <sub>3</sub> Supercooled Liquid. <i>Crystal Growth and Design</i> , 2017, 17, 4990-4999.	3.0	11
13	Thermodynamic model and viscosity of Ge-S glasses. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 581-588.	3.6	10
14	Crystal Growth Kinetics and Viscous Behavior in Ge <sub>2</sub> Sb <sub>2</sub> Se <sub>5</sub> Undercooled Melt. <i>Journal of Physical Chemistry B</i> , 2016, 120, 7998-8006.	2.6	10
15	Viscosity of Cu <sub>x</sub> (As <sub>2</sub> Se <sub>3</sub> ) <sub>100-x</sub> supercooled melts. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 3152-3155.	3.1	9
16	Structural relaxation of amorphous Ge <sub>38</sub> S <sub>62</sub> studied by length dilatometry and calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003, 72, 355-362.	3.6	8
17	Structural Relaxation in Amorphous Solids Studied by Thermal Analysis Methods. <i>Magyar Árvad Kémlemlenyek</i> , 2000, 60, 975-988.	1.4	7
18	As <sub>2</sub> Se <sub>3</sub> melt crystallization studied by quadratic approximation of nucleation and growth rate temperature dependence. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 114, 971-977.	3.6	7

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19	Dilatometric and positron annihilation lifetime spectroscopic studies on amorphous and polycrystalline selenium. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 1082-1088.	3.1	6
20	General Approach to the Nucleation and Crystal Growth in Sb <sub>0.5</sub> Se <sub>99.5</sub> Glass Explaining the Shape of DSC Curves. <i>Crystal Growth and Design</i> , 2016, 16, 2904-2911.	3.0	6
21	Crystal Growth Kinetics in GeS <sub>2</sub> Glass and Viscosity of Supercooled Liquid. <i>Journal of Physical Chemistry B</i> , 2021, 125, 7515-7526.	2.6	4
22	The effect of non-linearity contribution on the volume and enthalpy relaxation in amorphous materials. <i>Journal of Non-Crystalline Solids</i> , 2002, 307-310, 463-469.	3.1	3
23	The effect of non-linearity contribution to the volume and enthalpy relaxations in amorphous materials. <i>Journal of Non-Crystalline Solids</i> , 2002, 307-310, 778-784.	3.1	2
24	Transient Nucleation in GeS <sub>2</sub> Sb <sub>2</sub> S Thin Films. <i>Crystal Growth and Design</i> , 2018, 18, 4562-4570.	3.0	2
25	Micro-rheology and relaxation phenomena in T <sub>g</sub> vicinity. <i>Macromolecular Symposia</i> , 2000, 158, 91-102.	0.7	1
26	Crystallization Kinetics in Amorphous and Glassy Materials. <i>Hot Topics in Thermal Analysis and Calorimetry</i> , 2012, , 291-324.	0.5	1
27	Viscosity Measurements Applied to Chalcogenide Glass-Forming Systems. <i>Hot Topics in Thermal Analysis and Calorimetry</i> , 2011, , 165-178.	0.5	0