

# Tatiana Matseevich

## List of Publications by Year in descending order

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43  
papers

81  
citations

2258059

3  
h-index

1872680

6  
g-index

43  
all docs

43  
docs citations

43  
times ranked

67  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of the compatibility of polymers and analysis of the microphase compositions and some properties of blends. <i>Polymer Science - Series A</i> , 2015, 57, 186-199.	1.0	13
2	The Influence of the Degree of Crystallinity on the Glass Transition Temperature of Polymers. <i>Advanced Materials Research</i> , 0, 864-867, 751-754.	0.3	9
3	Determination of glass-transition temperatures of polymers: A modified computational scheme. <i>Polymer Science - Series A</i> , 2016, 58, 506-516.	1.0	7
4	The Influence of the Degree of Crystallinity on the Elasticity Modulus of Polymers. <i>Advanced Materials Research</i> , 0, 864-867, 640-643.	0.3	5
5	The calculation scheme for estimation of the water permeability through polymers and copolymers. <i>Polymer Science - Series A</i> , 2015, 57, 924-945.	1.0	4
6	Latest developments of models and calculation schemes for the quantitative analysis of the physical properties of polymers. <i>Physics-Uspexhi</i> , 2020, 63, 162-191.	2.2	4
7	Calculation scheme for evaluation and prediction of water permeability through polymer membranes. <i>Doklady Physical Chemistry</i> , 2015, 462, 124-126.	0.9	3
8	The calculation scheme for prediction both of storage and loss moduli. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	3
9	Relaxation properties of organo-mineral composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 365, 042010.	0.6	3
10	Study of the abrasion resistance of wood-polymer composites and mixtures of ABS-plastic with polyvinyl chloride. <i>MATEC Web of Conferences</i> , 2018, 196, 04069.	0.2	3
11	Influence of long isothermal aging on the limiting mechanical and relaxation properties of glass-filled PA-6. <i>Polymer Science - Series A</i> , 2014, 56, 352-357.	1.0	2
12	Effects of the phases and the sizes of disperse particles on the elastic moduli of composites based on polymer mixtures. <i>Polymer Science - Series A</i> , 2015, 57, 596-612.	1.0	2
13	Modified calculation scheme for evaluation and prediction of glass transition temperatures of polymers. <i>Doklady Physical Chemistry</i> , 2016, 466, 12-14.	0.9	2
14	Synthesis and properties of a monolithic gradient polymer material based on polyurethane structures and 1,4-butanediol as a chain extender. <i>Polymer Science - Series A</i> , 2017, 59, 12-26.	1.0	2
15	Effect of the Microporous Structure and Nanoparticles on the Refractive Index and Dielectric Constant of Polymer Nanocomposites. <i>Doklady Physical Chemistry</i> , 2018, 482, 125-129.	0.9	2
16	Preparation and properties of hybrid materials for high-rise constructions. <i>E3S Web of Conferences</i> , 2018, 33, 02075.	0.5	2
17	Water absorption of wood-polymer composites of savewood. <i>E3S Web of Conferences</i> , 2019, 97, 02043.	0.5	2
18	Stress relaxation of wood-polymer composites of savewood. <i>E3S Web of Conferences</i> , 2019, 97, 02044.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Rheological properties of the polymeric blends. MATEC Web of Conferences, 2016, 86, 04061.	0.2	1
20	Predictions of Thermal Properties of the Polymer Blends in Use and in Processing. Procedia Engineering, 2016, 153, 450-455.	1.2	1
21	The calculation scheme for prediction of viscosity for polymeric nano-suspensions. AIP Conference Proceedings, 2017, , .	0.4	1
22	The Influence of the Chemical Composition and Concentration of Components of a Polymer/Nanoparticle Mixture on their Flow Temperature. International Polymer Science and Technology, 2017, 44, 23-26.	0.1	1
23	The Dependence of Glass Transition Temperature and Flow Temperature on Solvent or Plasticiser Concentration. International Polymer Science and Technology, 2017, 44, 17-22.	0.1	1
24	Newest models and calculation schemes for quantitative analysis of physical properties of polymers. MATEC Web of Conferences, 2018, 251, 01043.	0.2	1
25	Climatic influences on the building materials properties based on wood-polymer compositions. IOP Conference Series: Materials Science and Engineering, 2018, 456, 012055.	0.6	1
26	Calculation of the Viscosity of a Disperse System of Silver Nanoparticles with Adsorption Polymeric Layer of Copolymer of Ethylene and Maleic Acid in Aqueous Medium. Polymer Science - Series A, 2019, 61, 520-532.	1.0	1
27	Prediction of compatibility of polypropylene and modified basalt fibers. Journal of Physics: Conference Series, 2019, 1425, 012126.	0.4	1
28	Selection of structural elements of cross-linked polymers used in construction. Vestnik MGSU, 2021, , 347-359.	0.6	1
29	The Rubbery Modulus of Nanocomposites Based on Styrene Butadiene Rubber. International Polymer Science and Technology, 2016, 43, 33-38.	0.1	1
30	A weak generalized localization of multiple Fourier series of continuous functions with a certain module of continuity. Journal of Mathematical Sciences, 2008, 155, 31-46.	0.4	0
31	Assessing the Glass Transition Temperature of Nanocomposites Based on Copolymers of Styrene Butadiene Rubber, Polyisoprene, and Polybutadiene. International Polymer Science and Technology, 2016, 43, 27-34.	0.1	0
32	Calculation model for estimation of the water permeabilities of nanocomposites. Polymer Science - Series A, 2016, 58, 220-235.	1.0	0
33	An Analysis of the Influence of the Chemical Composition and Concentration of Components of a Polymer-solvent Mixture on its Forced Elasticity Limit and Viscosity. International Polymer Science and Technology, 2017, 44, 27-32.	0.1	0
34	An Approach to Analysing the Influence of the Chemical Structure of the Solvents and their Concentration on the Glass Transition Temperature of the Polymer for Systems Containing a Polymer and Two Solvents. International Polymer Science and Technology, 2017, 44, 41-44.	0.1	0
35	Calculation of the viscosity of dispersions of nanoparticles with a polymer adsorption layer in a melt. MATEC Web of Conferences, 2017, 117, 00117.	0.2	0
36	Effect of the Structure of Polymer Nanocomposites on Their Refractive Indexes and Dielectric Constants. Polymer Science - Series A, 2018, 60, 742-750.	1.0	0

#	ARTICLE	IF	CITATIONS
37	Hybrid Materials Based on Na Liquid Glass, 2,4-Toluene Diisocyanate, Epoxy Oligomer, and Polyisocyanate. <i>Polymer Science - Series A</i> , 2018, 60, 828-844.	1.0	0
38	A Calculation Scheme for Assessing Storage Moduli and Losses as a Function of Polymer Chemical Structure and Blend Composition. <i>International Polymer Science and Technology</i> , 2018, 45, 53-57.	0.1	0
39	Polymeric nanocomposites: account for the effect of size distribution of nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 365, 032069.	0.6	0
40	Organo-Mineral Composite Materials Based on Sodium Liquid Glass, Toluene-2,4-diisocyanate, Epoxy Oligomer, and Polyisocyanate. <i>Doklady Physical Chemistry</i> , 2018, 481, 85-94.	0.9	0
41	Modification of WPC Materials by Introduction of Dioctyl Phthalate Plasticator. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 661, 012120.	0.6	0
42	Modeling of water permeability through the polymer nanocomposites. <i>Journal of Physics: Conference Series</i> , 2019, 1425, 012151.	0.4	0
43	Prediction of the modulus of elasticity of building materials based on wood-polymer composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 869, 032009.	0.6	0