

Yulia Tertyshnaya

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

190
citations

9
h-index

11
g-index

46
ext. papers

246
ext. citations

1.1
avg, IF

3.66
L-index

#	Paper	IF	Citations
40	Mechanical Properties of Composites Based on Polylactide and Poly-3-Hydroxybutyrate with Rubbers. <i>Russian Journal of Physical Chemistry B</i> , 2022 , 16, 162-166	1.2	0
39	Effect of Ozone on the Structure and Dynamics of Polylactide-Polyethylene Blends. <i>Russian Journal of Physical Chemistry B</i> , 2021 , 15, 854-860	1.2	
38	Kinetic patterns for thermal oxidation of binary and ternary blends based on polylactide and polyethylene. <i>Russian Chemical Bulletin</i> , 2021 , 70, 1791-1797	1.7	0
37	Degradation of Polylactide-Polyethylene Blends in Aqueous Media. <i>Russian Journal of Applied Chemistry</i> , 2021 , 94, 639-646	0.8	0
36	Impact of Water and UV Irradiation on Nonwoven Polylactide/Natural Rubber Fiber. <i>Polymers</i> , 2021 , 13,	4.5	9
35	Impact of environmental agents on non-woven polylactide/natural rubber agrofiber. <i>E3S Web of Conferences</i> , 2021 , 285, 07034	0.5	1
34	Electrospun Polylactide/Natural Rubber Fibers: Effect Natural Rubber Content on Fiber Morphology and Properties. <i>Polymers</i> , 2021 , 13,	4.5	2
33	Effect of Exposure in Aqueous Medium at Elevated Temperature on the Structure of Nonwoven Materials Based on Polylactide and Natural Rubber. <i>Polymer Science - Series A</i> , 2021 , 63, 515-525	1.2	2
32	The Spectral Characteristics and Morphology of a Composite Material Based on Polylactide and Alkoxy-Substituted meso-Arylporphyrins. <i>Polymer Science - Series B</i> , 2021 , 63, 905-914	0.8	1
31	Agricultural materials based on eco-friendly polymers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 971, 032022	0.4	1
30	Nonwoven polylactide fibers: properties and application. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 971, 052052	0.4	
29	Impact of environmental factors on agrofibers based on green polymers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 921, 012026	0.4	
28	Effect of UV Irradiation on the Structural and Dynamic Characteristics of Polylactide and Its Blends with Polyethylene. <i>Russian Journal of Physical Chemistry B</i> , 2020 , 14, 167-175	1.2	9
27	Thermal and Thermooxidative Degradation of Blends Based on Polylactide and Polyethylene. <i>Russian Metallurgy (Metally)</i> , 2020 , 2020, 1182-1185	0.5	
26	Morphology and Antibacterial Properties of Composites Based on Polylactide and Manganese(III) Complex with Tetraphenylporphyrin. <i>Russian Journal of Physical Chemistry B</i> , 2020 , 14, 1022-1027	1.2	4
25	Oxidation and biodegradation of polymeric composites based on polylactide: structure and properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 848, 012071	0.4	1
24	Biodestruction of Polylactide and Poly(3-Hydroxybutyrate) Non-Woven Materials by Micromycetes. <i>Fibre Chemistry</i> , 2020 , 52, 43-47	0.6	2

23	Hydrolytic Degradation of Polylactide in Distilled Water and Seawater. <i>Polymer Science - Series D</i> , 2020 , 13, 306-310	0.4	4
22	Solid-Phase Thermal Oxidation of Polyethylene-Polylactide Blends. <i>Russian Journal of Physical Chemistry B</i> , 2019 , 13, 354-361	1.2	3
21	Degradation of Polylactide-Polyethylene Binary Blends in Soil. <i>Russian Journal of Applied Chemistry</i> , 2019 , 92, 767-774	0.8	5
20	Impact of UV treatment on polylactide-polyethylene film properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 525, 012043	0.4	2
19	Eco-friendly polymer materials for agricultural purposes. <i>MATEC Web of Conferences</i> , 2019 , 298, 00130	0.3	
18	Promising agrofibers based on biodegradable polymers. <i>MATEC Web of Conferences</i> , 2019 , 298, 00080	0.3	1
17	Biodegradable materials containing recycled polymers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 347, 012015	0.4	3
16	Effect of the Concentration of the Spinning Solution on the Morphology and Properties of Nonwoven Poly-3-Hydroxybutyrate Fibers. <i>Russian Journal of Physical Chemistry B</i> , 2018 , 12, 293-299	1.2	4
15	Composite Materials Based on Polylactide and Poly-3-hydroxybutyrate "Green" Polymers. <i>Russian Journal of Applied Chemistry</i> , 2018 , 91, 417-423	0.8	15
14	The effect of environmental factors on biodegradable polylactide-based materials. <i>Polymer Science - Series D</i> , 2017 , 10, 289-292	0.4	3
13	Effect of aqueous medium on the molecular mobility of polylactide. <i>Russian Journal of Physical Chemistry B</i> , 2017 , 11, 531-537	1.2	9
12	Morphological features of composites prepared from polylactide and iron(III)-tetraphenylporphyrin complex. <i>Russian Journal of Physical Chemistry B</i> , 2017 , 11, 828-832	1.2	6
11	Specific structural features of crystalline regions in biodegradable composites of poly-3-hydroxybutyrate with chitosan. <i>Russian Journal of Applied Chemistry</i> , 2017 , 90, 1443-1453	0.8	5
10	Effect of temperature on the molecular mobility in polylactide. <i>Polymer Science - Series A</i> , 2016 , 58, 50-56.	0.2	10
9	Influence of different factors on the destruction of films based on polylactic acid and oxidized polyethylene 2016 ,		3
8	Thermal oxidation and structure of polylactide-polyethylene blends. <i>Russian Journal of Physical Chemistry B</i> , 2016 , 10, 825-829	1.2	9
7	Photo-oxidative degradation of poly-3-hydroxybutyrate and polyethylene based films. <i>Russian Journal of Physical Chemistry B</i> , 2015 , 9, 652-657	1.2	4
6	Thermal oxidation and degradation of poly-3-hydroxybutyrate nonwoven materials. <i>Russian Journal of Physical Chemistry B</i> , 2015 , 9, 498-503	1.2	9

5	Environmentally friendly films based on poly(3-hydroxybutyrate) and poly(lactic acid): A review. <i>Russian Journal of Physical Chemistry B</i> , 2014 , 8, 726-732	1.2	23
4	Degradation of poly(3-hydroxybutyrate) and its blends during treatment with UV light and water. <i>Polymer Science - Series B</i> , 2013 , 55, 164-168	0.8	21
3	Thermooxidative degradation of blends based on poly(3-Hydroxybutyrate). Specifics of the process. <i>Russian Journal of Physical Chemistry B</i> , 2012 , 6, 38-41	1.2	11
2	Influence of Biodegradable Component Nature on Biodegradation of Composites Based on Polyethylene. <i>Key Engineering Materials</i> , 910 , 623-629	0.4	
1	Poly lactide Fiber Materials and their Application in Agriculture. <i>Key Engineering Materials</i> , 910 , 617-622	0.4	1