

Yulia Tertyshnaya

List of Publications by Citations

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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	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
39	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
38	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
37	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
36	Effect of temperature on the molecular mobility in polylactide. <i>Polymer Science - Series A</i> , 2016 , 58, 50-56.2	1.2	10
35	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
34	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
33	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
32	Thermal oxidation and structure of polylactideβpolyethylene blends. <i>Russian Journal of Physical Chemistry B</i> , 2016 , 10, 825-829	1.2	9
31	Impact of Water and UV Irradiation on Nonwoven Polylactide/Natural Rubber Fiber. <i>Polymers</i> , 2021 , 13,	4.5	9
30	Morphological features of composites prepared from polylactide and iron(III)βtetraphenylporphyrin complex. <i>Russian Journal of Physical Chemistry B</i> , 2017 , 11, 828-832	1.2	6
29	Degradation of PolylactideβPolyethylene Binary Blends in Soil. <i>Russian Journal of Applied Chemistry</i> , 2019 , 92, 767-774	0.8	5
28	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
27	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
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	Hydrolytic Degradation of Polylactide in Distilled Water and Seawater. <i>Polymer Science - Series D</i> , 2020 , 13, 306-310	0.4	4
24	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

23	The effect of environmental factors on biodegradable polylactide-based materials. <i>Polymer Science - Series D</i> , 2017 , 10, 289-292	0.4	3
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	Influence of different factors on the destruction of films based on polylactic acid and oxidized polyethylene 2016 ,		3
20	Biodegradable materials containing recycled polymers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 347, 012015	0.4	3
19	Biodestruction of Polylactide and Poly(3-Hydroxybutyrate) Non-Woven Materials by Micromycetes. <i>Fibre Chemistry</i> , 2020 , 52, 43-47	0.6	2
18	Impact of UV treatment on polylactide-polyethylene film properties. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 525, 012043	0.4	2
17	Electrospun Polylactide/Natural Rubber Fibers: Effect Natural Rubber Content on Fiber Morphology and Properties. <i>Polymers</i> , 2021 , 13,	4.5	2
16	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
15	Agricultural materials based on eco-friendly polymers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 971, 032022	0.4	1
14	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
13	Promising agrofibers based on biodegradable polymers. <i>MATEC Web of Conferences</i> , 2019 , 298, 00080	0.3	1
12	Impact of environmental agents on non-woven polylactide/natural rubber agrofiber. <i>E3S Web of Conferences</i> , 2021 , 285, 07034	0.5	1
11	Polylactide Fiber Materials and their Application in Agriculture. <i>Key Engineering Materials</i> , 2021 , 910, 617-622	0.4	1
10	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
9	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
8	Degradation of Polylactide-Polyethylene Blends in Aqueous Media. <i>Russian Journal of Applied Chemistry</i> , 2021 , 94, 639-646	0.8	0
7	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
6	Nonwoven polylactide fibers: properties and application. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 971, 052052	0.4	

- 5 Impact of environmental factors on agrofibers based on green polymers. *IOP Conference Series: Materials Science and Engineering*, **2020**, 921, 012026 0.4
- 4 Effect of Ozone on the Structure and Dynamics of Polylactide-Polyethylene Blends. *Russian Journal of Physical Chemistry B*, **2021**, 15, 854-860 1.2
- 3 Thermal and Thermooxidative Degradation of Blends Based on Polylactide and Polyethylene. *Russian Metallurgy (Metally)*, **2020**, 2020, 1182-1185 0.5
- 2 Eco-friendly polymer materials for agricultural purposes. *MATEC Web of Conferences*, **2019**, 298, 00130 0.3
- 1 Influence of Biodegradable Component Nature on Biodegradation of Composites Based on Polyethylene. *Key Engineering Materials*, **910**, 623-629 0.4