

Mariya Podzorova

List of Publications by Year in descending order

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papers

154
citations

1478505

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all docs

26
docs citations

26
times ranked

49
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmentally friendly films based on poly(3-hydroxybutyrate) and poly(lactic acid): A review. Russian Journal of Physical Chemistry B, 2014, 8, 726-732.	1.3	26
2	Impact of Water and UV Irradiation on Nonwoven Polylactide/Natural Rubber Fiber. Polymers, 2021, 13, 461.	4.5	20
3	Composite Materials Based on Polylactide and Poly-3-hydroxybutyrate –Green–Polymers. Russian Journal of Applied Chemistry, 2018, 91, 417-423.	0.5	18
4	Effect of UV Irradiation on the Structural and Dynamic Characteristics of Polylactide and Its Blends with Polyethylene. Russian Journal of Physical Chemistry B, 2020, 14, 167-175.	1.3	18
5	Thermal oxidation and structure of polylactide–polyethylene blends. Russian Journal of Physical Chemistry B, 2016, 10, 825-829.	1.3	11
6	Degradation of Polylactide–Polyethylene Binary Blends in Soil. Russian Journal of Applied Chemistry, 2019, 92, 767-774.	0.5	11
7	Influence of different factors on the destruction of films based on polylactic acid and oxidized polyethylene. AIP Conference Proceedings, 2016, , .	0.4	7
8	Influence of ultraviolet on polylactide degradation. AIP Conference Proceedings, 2017, , .	0.4	6
9	Assessment of Morphological, Physical, Thermal, and Thermal Conductivity Properties of Polypropylene/Lignosulfonate Blends. Materials, 2021, 14, 543.	2.9	6
10	Biodegradable materials containing recycled polymers. IOP Conference Series: Materials Science and Engineering, 2018, 347, 012015.	0.6	5
11	Solid-Phase Thermal Oxidation of Polyethylene–Polylactide Blends. Russian Journal of Physical Chemistry B, 2019, 13, 354-361.	1.3	4
12	Impact of UV treatment on polylactide–polyethylene film properties. IOP Conference Series: Materials Science and Engineering, 2019, 525, 012043.	0.6	4
13	Effect of Exposure in Aqueous Medium at Elevated Temperature on the Structure of Nonwoven Materials Based on Polylactide and Natural Rubber. Polymer Science - Series A, 2021, 63, 515-525.	1.0	4
14	The effect of environmental factors on biodegradable polylactide-based materials. Polymer Science - Series D, 2017, 10, 289-292.	0.6	3
15	Degradation of Polylactide–Polyethylene Blends in Aqueous Media. Russian Journal of Applied Chemistry, 2021, 94, 639-646.	0.5	3
16	Kinetic patterns for thermal oxidation of binary and ternary blends based on polylactide and polyethylene. Russian Chemical Bulletin, 2021, 70, 1791-1797.	1.5	2
17	Promising agrofibers based on biodegradable polymers. MATEC Web of Conferences, 2019, 298, 00080.	0.2	1
18	Kinetics of thermo-oxidative degradation of polymer blends based on polylactide. AIP Conference Proceedings, 2019, , .	0.4	1

#	ARTICLE	IF	CITATIONS
19	Agricultural materials based on eco-friendly polymers. IOP Conference Series: Materials Science and Engineering, 2020, 971, 032022.	0.6	1
20	Damage of polymer blends polylactide-polyethylene under the effect of ultraviolet irradiation. AIP Conference Proceedings, 2020, , .	0.4	1
21	Thermal and Thermooxidative Degradation of Blends Based on Polylactide and Polyethylene. Russian Metallurgy (Metally), 2020, 2020, 1182-1185.	0.5	1
22	Effect of Ozone on the Structure and Dynamics of Polylactide-Polyethylene Blends. Russian Journal of Physical Chemistry B, 2021, 15, 854-860.	1.3	1
23	Advanced composite materials based on polyhydroxybutyrate and polylactic acid. AIP Conference Proceedings, 2017, , .	0.4	0
24	Photodegradation of films based on polylactide-polyethylene blends. AIP Conference Proceedings, 2018, , .	0.4	0
25	Eco-friendly polymer materials for agricultural purposes. MATEC Web of Conferences, 2019, 298, 00130.	0.2	0
26	Influence of Biodegradable Component Nature on Biodegradation of Composites Based on Polyethylene. Key Engineering Materials, 0, 910, 623-629.	0.4	0