

Alexey Iordanskii

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Evaluation and Characterization of Ultrathin Poly(3-hydroxybutyrate) Fibers Loaded with Tetraphenylporphyrin and Its Complexes with Fe(III) and Sn(IV). <i>Polymers</i> , 2022, 14, 610.	4.5	4
2	Cryo-Structuring of Polymeric Systems. Poly(Vinyl Alcohol)-Based Cryogels Loaded with the Poly(3-hydroxybutyrate) Microbeads and the Evaluation of Such Composites as the Delivery Vehicles for Simvastatin. <i>Polymers</i> , 2022, 14, 2196.	4.5	3
3	Polyhydroxyalkanoates Composites and Blends: Improved Properties and New Applications. <i>Journal of Composites Science</i> , 2022, 6, 206.	3.0	7
4	Aggressive Impacts Affecting the Biodegradable Ultrathin Fibers Based on Poly(3-Hydroxybutyrate), Polylactide and Their Blends: Water Sorption, Hydrolysis and Ozonolysis. <i>Polymers</i> , 2021, 13, 941.	4.5	7
5	Structural Features and Propertiesâ€™ Characterization of Polylactic Acid/Natural Rubber Blends with Epoxidized Soybean Oil. <i>Polymers</i> , 2021, 13, 1101.	4.5	13
6	The Investigation of the Structure and Properties of Ozone-Sterilized Nonwoven Biopolymer Materials for Medical Applications. <i>Polymers</i> , 2021, 13, 1268.	4.5	9
7	Effect of Glycero-(9,10-trioxolane)-trialeate on the Physicochemical Properties of Non-Woven Poly(lactic Acid) Fiber Materials. <i>Polymers</i> , 2021, 13, 2517.	4.5	4
8	Thermal characterization and sorption of FeIII ion by ternary polylactideâ€™poly-3-hydroxybutyrateâ€™chitosan compositions. <i>Mendeleev Communications</i> , 2021, 31, 104-106.	1.6	5
9	Thermo-Oxidative Destruction and Biodegradation of Nanomaterials from Composites of Poly(3-hydroxybutyrate) and Chitosan. <i>Polymers</i> , 2021, 13, 3528.	4.5	4
10	Bio-Based and Biodegradable Plastics: From Passive Barrier to Active Packaging Behavior. <i>Polymers</i> , 2020, 12, 1537.	4.5	9
11	Biodegradable Polylactideâ€™Poly(3-Hydroxybutyrate) Compositions Obtained via Blending under Shear Deformations and Electrospinning: Characterization and Environmental Application. <i>Polymers</i> , 2020, 12, 1088.	4.5	18
12	Gas Transport Phenomena and Polymer Dynamics in PHB/PLA Blend Films as Potential Packaging Materials. <i>Polymers</i> , 2020, 12, 647.	4.5	35
13	Comparative Structure-Property Characterization of Poly(3-Hydroxybutyrate-Co-3-Hydroxyvalerate)s Films under Hydrolytic and Enzymatic Degradation: Finding a Transition Point in 3-Hydroxyvalerate Content. <i>Polymers</i> , 2020, 12, 728.	4.5	28
14	Structure-morphology impact upon segmental dynamics and diffusion in the biodegradable ultrafine fibers of polyhydroxybutyrate-polylactide blends. <i>European Polymer Journal</i> , 2019, 117, 208-216.	5.4	22
15	Characterization and Evaluation of Controlled Antimicrobial Release from Petrochemical (PU) and Biodegradable (PHB) Packaging. <i>Polymers</i> , 2018, 10, 817.	4.5	6
16	Comparative Characterization of Melt Electrospun Fibers and Films Based on PLAâ€™PHB Blends: Diffusion, Drug Release, and Structural Features. <i>Macromolecular Symposia</i> , 2018, 381, 1800130.	0.7	9
17	Composite tendon implant based on nanofibrillar polyhydroxybutyrate and polyamide filaments. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2708-2713.	4.0	7
18	Gas transport and characterization of poly(3 hydroxybutyrate) films. <i>European Polymer Journal</i> , 2017, 91, 149-161.	5.4	25

#	ARTICLE	IF	CITATIONS
19	Performance of Poly(lactic acid) Surface Modified Films for Food Packaging Application. Materials, 2017, 10, 850.	2.9	15
20	Comparative Dynamic Characteristics of Electrospun Ultrathin Fibers and Films Based on Poly(3-hydroxybutyrate). Chemistry and Chemical Technology, 2016, 10, 151-158.	1.1	3
21	Morphology of poly(3-hydroxybutyrate)â€“polyvinyl alcohol extrusion films. Journal of Polymer Engineering, 2015, 35, 765-771.	1.4	7
22	Degradation of Poly(3-hydroxybutyrate) and its Derivatives: Characterization and Kinetic Behavior. Chemistry and Chemical Technology, 2012, 6, 385-392.	1.1	8
23	Water transport, FTIR, and morphology characterizations of novel biodegradable blends based on poly(3-hydroxybutyrate). Journal of Polymer Engineering, 2011, 31, .	1.4	2
24	Modification via preparation for poly(3-hydroxybutyrate) films: Water-transport phenomena and sorption. Journal of Applied Polymer Science, 2000, 76, 475-480.	2.6	11