

# Iwona Kwiecień,

## List of Publications by Year in descending order

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23  
papers

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citations

840776

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docs citations

23  
times ranked

639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Polysaccharide-Based Hydrogels as Probiotic Delivery Systems. <i>Gels</i> , 2018, 4, 47.	4.5	86
2	A comparative study of three-dimensional printing directions: The degradation and toxicological profile of a PLA/PHA blend. <i>Polymer Degradation and Stability</i> , 2018, 152, 191-207.	5.8	81
3	Biodegradable PBAT/PLA Blend with Bioactive MCPA-PHBV Conjugate Suppresses Weed Growth. <i>Biomacromolecules</i> , 2018, 19, 511-520.	5.4	42
4	The Molecular Level Characterization of Biodegradable Polymers Originated from Polyethylene Using Non-Oxygenated Polyethylene Wax as a Carbon Source for Polyhydroxyalkanoate Production. <i>Bioengineering</i> , 2017, 4, 73.	3.5	41
5	Forensic Engineering of Advanced Polymeric Materials—Part V: Prediction Studies of Aliphatic—Aromatic Copolyester and Polylactide Commercial Blends in View of Potential Applications as Compostable Cosmetic Packages. <i>Polymers</i> , 2017, 9, 257.	4.5	21
6	Molecular level structure of novel synthetic analogues of aliphatic biopolyesters as revealed by multistage mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 808, 104-114.	5.4	19
7	(Bio)degradation studies of degradable polymer composites with jute in different environments. <i>Fibers and Polymers</i> , 2015, 16, 1362-1369.	2.1	18
8	Synthesis and structural characterization at the molecular level of oligo(3-hydroxybutyrate) conjugates with antimicrobial agents designed for food packaging materials. <i>Designed Monomers and Polymers</i> , 2014, 17, 311-321.	1.6	17
9	Transesterification of PHA to Oligomers Covalently Bonded with (Bio)Active Compounds Containing Either Carboxyl or Hydroxyl Functionalities. <i>PLoS ONE</i> , 2015, 10, e0120149.	2.5	17
10	Electrospray ionisation mass spectrometry molecular-level structural characterisation of novel phenoxy-carboxylic acid—oligo(3-hydroxybutyrate) conjugates with potential agricultural applications. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 2673-2682.	1.5	14
11	Electrospun Fibres of Polyhydroxybutyrate Synthesized by <i>Ralstonia eutropha</i> from Different Carbon Sources. <i>International Journal of Polymer Science</i> , 2014, 2014, 1-11.	2.7	14
12	Molecular architecture of novel potentially bioactive (co)oligoesters containing pesticide moieties established by electrospray ionization multistage mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 533-544.	1.5	12
13	Synthesis and Structural Characterization of Bioactive PHA and $\beta$ -PGA Oligomers for Potential Applications as a Delivery System. <i>Materials</i> , 2016, 9, 307.	2.9	11
14	Physicochemical and Biological Characterisation of Diclofenac Oligomeric Poly(3-hydroxyoctanoate) Hybrids as $\beta$ -TCP Ceramics Modifiers for Bone Tissue Regeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9452.	4.1	11
15	N-Hydroxyphthalimide and transition metal salts as catalysts of the liquid-phase oxidation of 1-methoxy-4-(1-methylethyl)benzene with oxygen. <i>Open Chemistry</i> , 2011, 9, 670-676.	1.9	8
16	Biocompatible terpolyesters containing polyhydroxyalkanoate and sebacic acid structural segments—synthesis and characterization. <i>RSC Advances</i> , 2017, 7, 20469-20479.	3.6	4
17	Synthesis and evaluation of effectiveness of a controlled release preparation 2,4-d: a reduction of risk of pollution and exposure of workers. <i>Archives of Environmental Protection</i> , 2012, 38, .	1.1	3
18	The Synthesis and Structural Characterization of Graft Copolymers Composed of $\beta$ -PGA Backbone and Oligoesters Pendant Chains. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2223-2234.	2.8	3

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19	Tandem mass spectroscopy as a tool for investigation of complexes of PNPâ€łariat ether derivative with metal ions. Journal of Mass Spectrometry, 2018, 53, 278-285.	1.6	3
20	Synthesis of Hydrogels Made of Poly-Î³-Glutamic Acid (Î³-PGA) for Potential Applications as Probiotic-Delivery Vehicles. Applied Sciences (Switzerland), 2020, 10, 2787.	2.5	3
21	Diversifying Polyhydroxyalkanoates â€œ End-Group and Side-Chain Functionality. Current Organic Synthesis, 2017, 14, 757-767.	1.3	3
22	Controlled Release of 2,4-D and Dicamba 3-hydroxybutyric Acid Oligomers. , 2013, , 15-30.		1
23	Hydrogels Made of Poly-Î³-Glutamic Acid and Sugar Alcohols for Enhanced Survival of Probiotic Strains Subjected to Low pH and Freeze Drying. AppliedChem, 2021, 1, 173-183.	1.0	0