

Krzysztof Bajer

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

411
citations

932766

10
h-index

940134

16
g-index

18
all docs

18
docs citations

18
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilization of starch films plasticized with urea as fertilizer for improvement of plant growth. Carbohydrate Polymers, 2016, 137, 127-138.	5.1	84
2	Novel Starch/Chitosan/Aloe Vera Composites as Promising Biopackaging Materials. Journal of Polymers and the Environment, 2020, 28, 1021-1039.	2.4	66
3	Review of the Most Important Methods of Improving the Processing Properties of Starch toward Non-Food Applications. Polymers, 2021, 13, 832.	2.0	49
4	Photodegradation studies of novel biodegradable blends based on poly(ethylene oxide) and pectin. Polymer Degradation and Stability, 2007, 92, 2058-2069.	2.7	43
5	Biodegradation of plasticized poly(vinyl chloride) containing cellulose. Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 903-919.	2.4	41
6	The structure and properties of different types of starch exposed to UV radiation: A comparative study. Carbohydrate Polymers, 2013, 98, 477-482.	5.1	31
7	From high oleic vegetable oils to hydrophobic starch derivatives: I. Development and structural studies. Carbohydrate Polymers, 2019, 214, 124-130.	5.1	23
8	Methods of biodegradation study of polymeric materials. Part II. Experimental techniques. Polimery, 2007, 52, 13-18.	0.4	13
9	Properties of Poly(vinyl chloride) Modified by Cellulose. Polymer Journal, 2005, 37, 340-349.	1.3	11
10	Biodegradation of plastified starch obtained by corotation twin-screw extrusion. Polymer Engineering and Science, 2012, 52, 2537-2542.	1.5	11
11	Photochemical reactions in poly(vinyl chloride)/poly(vinyl alcohol) blends. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 171, 187-195.	2.0	9
12	From high oleic vegetable oils to hydrophobic starch derivatives: II. Physicochemical, processing and environmental properties. Carbohydrate Polymers, 2020, 243, 116499.	5.1	9
13	Basic definitions and methods of evaluation of biodegradation of polymer materials. , 2006, 51, 716-721.		9
14	Interfacial adhesion evaluation in (low-density polyethylene)/elastomer blends. Journal of Vinyl and Additive Technology, 2016, 22, 492-500.	1.8	6
15	Influence of Specific Processing Conditions and Aliphatic-Aromatic Copolyester on Polylactide Properties. Chemical Engineering Communications, 2016, 203, 1540-1546.	1.5	3
16	Use of Starch Granules Enriched with Carvacrol for the Lesser Mealworm, <i>Alphitobius diaperinus</i> Control in Chicken House: Effects on Insects and Poultry. Journal of Poultry Science, 2020, 57, 168-174.	0.7	2
17	Bactericidal Properties of Low-Density Polyethylene (LDPE) Modified with Commercial Additives Used for Food Protection in the Food Industry. Environments - MDPI, 2022, 9, 84.	1.5	1
18	The Influence of UV-Irradiation on Polystyrene Modified by Poly(Vinyl Acetate). Molecular Crystals and Liquid Crystals, 2004, 417, 1-6.	0.4	0