

Ewa Rudnik

List of Publications by Year in descending order

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39
papers

867
citations

687220

13
h-index

501076

28
g-index

40
all docs

40
docs citations

40
times ranked

1025
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation behaviour of poly(lactic acid) films and fibres in soil under Mediterranean field conditions and laboratory simulations testing. <i>Industrial Crops and Products</i> , 2011, 33, 648-658.	2.5	178
2	Comparative Biodegradation in Soil Behaviour of two Biodegradable Polymers Based on Renewable Resources. <i>Journal of Polymers and the Environment</i> , 2011, 19, 18-39.	2.4	106
3	Comparative studies of oxidative stability of linseed oil. <i>Thermochimica Acta</i> , 2001, 370, 135-140.	1.2	98
4	Synthesis and properties of liquid crystalline polyurethanes. <i>Journal of Polymer Science Part A</i> , 1993, 31, 1211-1220.	2.5	71
5	Thermal stability and degradation of starch derivatives. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 85, 267-270.	2.0	57
6	Thermal properties of starch succinates. <i>Thermochimica Acta</i> , 2005, 427, 163-166.	1.2	49
7	Thermal behavior of polypropylene fiber-reinforced concrete at elevated temperatures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 1005-1015.	2.0	32
8	Effect of the poly(oxytetramethylene)diol spacer length on some properties of liquid crystalline polyurethanes. <i>Journal of Polymer Science Part A</i> , 1993, 31, 3223-3230.	2.5	28
9	Lifetime prediction for polymers via the temperature of initial decomposition. <i>Journal of Thermal Analysis</i> , 1997, 48, 1393-1400.	0.7	28
10	Thermal properties of biocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 88, 495-498.	2.0	28
11	Compostable Polymer Properties and Packaging Applications. , 2013, , 217-248.		27
12	Thermal degradation of UHMWPE. <i>Journal of Theoretical Biology</i> , 1997, 49, 471-475.	0.8	20
13	Ecotoxicity of biocomposites based on renewable feedstock – Preliminary studies. <i>Chemosphere</i> , 2007, 70, 337-340.	4.2	18
14	Influence of molecular weight on some properties of liquid crystalline polyurethanes. <i>Journal of Polymer Science Part A</i> , 1993, 31, 3231-3237.	2.5	16
15	Biodegradability Testing of Compostable Polymer Materials. , 2013, , 213-263.		14
16	Thermoanalytical investigations of polyurethanes for medical purposes. <i>Thermochimica Acta</i> , 1998, 320, 285-289.	1.2	13
17	Liquid crystalline epoxy resins by polyaddition of aliphatic diepoxides with 4,4'-dihydroxybiphenyl. <i>Journal of Polymer Science Part A</i> , 1995, 33, 1275-1281.	2.5	10
18	Investigations and molecular modeling of some thermophysical properties of polysulfones. <i>Journal of Thermal Analysis</i> , 1995, 45, 1153-1158.	0.7	8

#	ARTICLE	IF	CITATIONS
19	Mechanical and Thermal Properties of Biocomposites Based on Polyethylene from Renewable Resources Modified with Ionic Liquids. <i>Journal of Polymers and the Environment</i> , 2021, 29, 1808-1816.	2.4	8
20	Biodegradable polymer nanocomposites. Part I. Methods of preparation. <i>Polimery</i> , 2006, 51, 617-626.	0.4	8
21	Curing of unsaturated polyester resins with low exotherm peak. <i>Angewandte Makromolekulare Chemie</i> , 1995, 229, 15-27.	0.3	6
22	Highly branched melamine-phenolic novolaks. <i>Polymer Bulletin</i> , 2002, 48, 251-259.	1.7	6
23	Compostable Polymer Materials. , 2013, , 189-211.		6
24	Lifetime prediction for polymers via the temperature of initial decomposition part 2. <i>Magyar Áprélhavi Közlemények</i> , 2002, 69, 693-697.	1.4	5
25	Foaming properties of gluten and acetylated gluten. <i>Journal of Cereal Science</i> , 2008, 47, 233-238.	1.8	5
26	Impact of ionic liquids on absorption behaviour of natural fibers/biopolyethylene biocomposites. <i>Scientific Reports</i> , 2021, 11, 20483.	1.6	5
27	Influence of ionic liquids on mechanical and thermal properties of polyethylene from renewable resources. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	2.0	3
28	Zinkacrylat und andere feste Monomere als Vernetzungsmittel für ungesättigte Polyester. <i>Angewandte Makromolekulare Chemie</i> , 1993, 204, 85-89.	0.3	2
29	Annealing effects on the thermal properties of liquid crystalline polyurethanes. <i>Journal of Polymer Science Part A</i> , 1994, 32, 2559-2563.	2.5	2
30	Thermal and thermooxidative degradation. , 2008, , 72-85.		2
31	Thermal and thermooxidative degradation. , 2019, , 99-126.		2
32	Composting methods and legislation. , 2019, , 127-161.		2
33	Molecular modeling and thermoanalytical studies of thermophysical properties of some polymers. <i>Journal of Theoretical Biology</i> , 1997, 49, 465-469.	0.8	1
34	Thermoanalytical Studies of Polymeric Membranes for Immunoisolation. <i>Magyar Áprélhavi Közlemények</i> , 1999, 56, 1041-1046.	1.4	1
35	Correlation Between Structure and Transport Properties of Polymeric Membranes for Immunoisolation. <i>Magyar Áprélhavi Közlemények</i> , 2001, 64, 495-500.	1.4	1
36	Absorption Behaviour of Biocomposites Based on Chemically Modified Starch Matrix. <i>Journal of Biobased Materials and Bioenergy</i> , 2013, 7, 85-89.	0.1	1

#	ARTICLE	IF	CITATIONS
37	Biodegradability testing of compostable polymer materials. , 2008, , 112-166.		0
38	Environmental impact of compostable polymer materials. , 2019, , 315-347.		0
39	Biopolietylen i biokompozyty na jego osnowie. Przemysl Chemiczny, 2018, 1, 76-81.	0.0	0