

Katalin Bocz

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

577
citations

567247

15
h-index

610883

24
g-index

26
all docs

26
docs citations

26
times ranked

800
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of natural fibre reinforced flame retarded epoxy resin composites. <i>Polymer Degradation and Stability</i> , 2015, 119, 68-76.	5.8	82
2	In vitro dissolution and permeation evaluation of an electrospun cyclodextrin-based formulation of aripiprazole using β -CD. <i>International Journal of Pharmaceutics</i> , 2015, 491, 180-189.	5.2	58
3	Flame retarded self-reinforced poly(lactic acid) composites of outstanding impact resistance. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015, 70, 27-34.	7.6	51
4	Comparison of spray drying, electroblowing and electrospinning for preparation of Eudragit E and itraconazole solid dispersions. <i>International Journal of Pharmaceutics</i> , 2015, 494, 23-30.	5.2	44
5	Self-extinguishing polypropylene with a mass fraction of 9% intumescent additive—A new physical way for enhancing the fire retardant efficiency. <i>Polymer Degradation and Stability</i> , 2013, 98, 79-86.	5.8	28
6	Flame retardancy of microcellular poly(lactic acid) foams prepared by supercritical CO ₂ -assisted extrusion. <i>Polymer Degradation and Stability</i> , 2018, 153, 100-108.	5.8	28
7	Development of flame retarded self-reinforced composites from automotive shredder plastic waste. <i>Polymer Degradation and Stability</i> , 2012, 97, 221-227.	5.8	27
8	Development of Flame-Retarded Nanocomposites from Recycled PET Bottles for the Electronics Industry. <i>Polymers</i> , 2019, 11, 233.	4.5	27
9	Development of Bioepoxy Resin Microencapsulated Ammonium-Polyphosphate for Flame Retardancy of Poly(lactic acid). <i>Molecules</i> , 2019, 24, 4123.	3.8	27
10	Application of Melt-Blown Poly(lactic acid) Fibres in Self-Reinforced Composites. <i>Polymers</i> , 2018, 10, 766.	4.5	25
11	Microfibrous cyclodextrin boosts flame retardancy of poly(lactic acid). <i>Polymer Degradation and Stability</i> , 2021, 191, 109655.	5.8	21
12	Preparation of Low-Density Microcellular Foams from Recycled PET Modified by Solid State Polymerization and Chain Extension. <i>Journal of Polymers and the Environment</i> , 2019, 27, 343-351.	5.0	19
13	Flame Retardancy of Sorbitol Based Bioepoxy via Combined Solid and Gas Phase Action. <i>Polymers</i> , 2016, 8, 322.	4.5	17
14	Melting temperature versus crystallinity: new way for identification and analysis of multiple endotherms of poly(ethylene terephthalate). <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	17
15	Effects of thermal annealing and solvent-induced crystallization on the structure and properties of poly(lactic acid) microfibrils produced by high-speed electrospinning. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 581-594.	3.6	17
16	Effect of Particle Size of Additives on the Flammability and Mechanical Properties of Intumescent Flame Retarded Polypropylene Compounds. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-7.	2.7	15
17	Key Role of Reinforcing Structures in the Flame Retardant Performance of Self-Reinforced Polypropylene Composites. <i>Polymers</i> , 2016, 8, 289.	4.5	12
18	Application of low-grade recycle to enhance reactive toughening of poly(ethylene terephthalate). <i>Polymer Degradation and Stability</i> , 2021, 185, 109505.	5.8	12

#	ARTICLE	IF	CITATIONS
19	Self-extinguishing polypropylene with a mass fraction of 9% intumescent additive II " Influence of highly oriented fibres. <i>Polymer Degradation and Stability</i> , 2013, 98, 2445-2451.	5.8	10
20	Flame retarded self-reinforced polypropylene composites prepared by injection moulding. <i>Polymers for Advanced Technologies</i> , 2018, 29, 433-441.	3.2	10
21	Non-destructive characterisation of all-polypropylene composites using small angle X-ray scattering and polarized Raman spectroscopy. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 114, 250-257.	7.6	8
22	Recycled PET foaming: Supercritical carbon dioxide assisted extrusion with real-time quality monitoring. <i>Advanced Industrial and Engineering Polymer Research</i> , 2021, 4, 178-186.	4.7	6
23	Microfibrinous cyclodextrin boosts flame retardancy of poly(lactic acid) II - phosphorous silane treatment further enhances the effectivity. <i>Polymer Degradation and Stability</i> , 2022, 200, 109938.	5.8	6
24	Water boosts reactive toughening of PET. <i>Polymer Degradation and Stability</i> , 2022, 203, 110052.	5.8	5
25	Development of Intumescent Flame Retardant for Polypropylene: Bio-epoxy Resin Microencapsulated Ammonium-polyphosphate. <i>Periodica Polytechnica: Chemical Engineering</i> , 0, , .	1.1	4
26	Flame retardancy of PET foams manufactured from bottle waste. <i>Journal of Thermal Analysis and Calorimetry</i> , 2023, 148, 217-228.	3.6	1