Katalin Boczz

List of Publications by Year
in descending order

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26	577	567247 15	610883 24
papers	citations	h-index	g-index

26	26	26	800
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flame retardancy of PET foams manufactured from bottle waste. Journal of Thermal Analysis and Calorimetry, 2023, 148, 217-228.	3.6	1
2	Microfibrous cyclodextrin boosts flame retardancy of poly(lactic acid) II - phosphorous silane treatment further enhances the effectivity. Polymer Degradation and Stability, 2022, 200, 109938.	5.8	6
3	Water boosts reactive toughening of PET. Polymer Degradation and Stability, 2022, 203, 110052.	5.8	5
4	Application of low-grade recyclate to enhance reactive toughening of poly(ethylene terephthalate). Polymer Degradation and Stability, 2021, 185, 109505.	5.8	12
5	Recycled PET foaming: Supercritical carbon dioxide assisted extrusion with real-time quality monitoring. Advanced Industrial and Engineering Polymer Research, 2021, 4, 178-186.	4.7	6
6	Microfibrous cyclodextrin boosts flame retardancy of poly(lactic acid). Polymer Degradation and Stability, 2021, 191, 109655.	5.8	21
7	Melting temperature versus crystallinity: new way for identification and analysis of multiple endotherms of poly(ethylene terephthalate). Journal of Polymer Research, 2020, 27, 1.	2.4	17
8	Effects of thermal annealing and solvent-induced crystallization on the structure and properties of poly(lactic acid) microfibres produced by high-speed electrospinning. Journal of Thermal Analysis and Calorimetry, 2020, 142, 581-594.	3.6	17
9	Development of Flame-Retarded Nanocomposites from Recycled PET Bottles for the Electronics Industry. Polymers, 2019, 11, 233.	4.5	27
10	Development of Bioepoxy Resin Microencapsulated Ammonium-Polyphosphate for Flame Retardancy of Polylactic Acid. Molecules, 2019, 24, 4123.	3.8	27
11	Preparation of Low-Density Microcellular Foams from Recycled PET Modified by Solid State Polymerization and Chain Extension. Journal of Polymers and the Environment, 2019, 27, 343-351.	5.0	19
12	Flame retardancy of microcellular poly(lactic acid) foams prepared by supercritical CO2-assisted extrusion. Polymer Degradation and Stability, 2018, 153, 100-108.	5.8	28
13	Flame retarded selfâ€reinforced polypropylene composites prepared by injection moulding. Polymers for Advanced Technologies, 2018, 29, 433-441.	3.2	10
14	Application of Melt-Blown Poly(lactic acid) Fibres in Self-Reinforced Composites. Polymers, 2018, 10, 766.	4.5	25
15	Non-destructive characterisation of all-polypropylene composites using small angle X-ray scattering and polarized Raman spectroscopy. Composites Part A: Applied Science and Manufacturing, 2018, 114, 250-257.	7.6	8
16	Key Role of Reinforcing Structures in the Flame Retardant Performance of Self-Reinforced Polypropylene Composites. Polymers, 2016, 8, 289.	4.5	12
17	Flame Retardancy of Sorbitol Based Bioepoxy via Combined Solid and Gas Phase Action. Polymers, 2016, 8, 322.	4.5	17
18	Effect of Particle Size of Additives on the Flammability and Mechanical Properties of Intumescent Flame Retarded Polypropylene Compounds. International Journal of Polymer Science, 2015, 2015, 1-7.	2.7	15

#	Article	IF	Citations
19	Development of natural fibre reinforced flame retarded epoxy resin composites. Polymer Degradation and Stability, 2015, 119, 68-76.	5.8	82
20	Comparison of spray drying, electroblowing and electrospinning for preparation of Eudragit E and itraconazole solid dispersions. International Journal of Pharmaceutics, 2015, 494, 23-30.	5.2	44
21	In vitro dissolutionâ€“permeation evaluation of an electrospun cyclodextrin-based formulation of aripiprazole using Î¼Fluxâ„¢. International Journal of Pharmaceutics, 2015, 491, 180-189.	5.2	58
22	Flame retarded self-reinforced poly(lactic acid) composites of outstanding impact resistance. Composites Part A: Applied Science and Manufacturing, 2015, 70, 27-34.	7.6	51
23	Self-extinguishing polypropylene with a mass fraction of 9% intumescent additiveÂ- A new physical way for enhancing the fire retardant efficiency. Polymer Degradation and Stability, 2013, 98, 79-86.	5.8	28
24	Self-extinguishing polypropylene with a mass fraction of 9% intumescent additive II â€“ Influence of highly oriented fibres. Polymer Degradation and Stability, 2013, 98, 2445-2451.	5.8	10
25	Development of flame retarded self-reinforced composites from automotive shredder plastic waste. Polymer Degradation and Stability, 2012, 97, 221-227.	5.8	27
26	Development of Intumescent Flame Retardant for Polypropylene: Bio-epoxy Resin Microencapsulated Ammonium-polyphosphate. Periodica Polytechnica: Chemical Engineering, 0, , .	1.1	4