

Akos Kmetty

List of Publications by Year in descending order

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25
papers

784
citations

687363

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25
all docs

25
docs citations

25
times ranked

876
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer foams as advanced energy absorbing materials for sports applicationsâ€”A review. Journal of Applied Polymer Science, 2022, 139, 51714.	2.6	46
2	Investigating the impact behavior of wrestling mats via finite element simulation and falling weight impact tests. Polymer Testing, 2022, 108, 107521.	4.8	3
3	Evaluating the cell structureâ€™impact damping relation of crossâ€™linked polyethylene foams by falling weight impact tests. Journal of Applied Polymer Science, 2021, 138, 49999.	2.6	5
4	Characterization of polylactic acid-based nanocomposite foams with supercritical CO2. Measurement: Journal of the International Measurement Confederation, 2021, 178, 109385.	5.0	7
5	Improving the heat deflection temperature of poly(lactic acid) foams by annealing. Polymer Degradation and Stability, 2021, 190, 109646.	5.8	16
6	Investigation of the damping properties of polylactic acid-based syntactic foam structures. Polymer Testing, 2021, 103, 107347.	4.8	10
7	Production of Biopolymer Foams Based on Polylactic Acid Plasticized With Lactic Acid Oligomer. Acta Materialia Transylvanica, 2021, 4, 32-37.	0.0	0
8	Static and dynamic mechanical characterization of cross-linked polyethylene foams: The effect of density. EXPRESS Polymer Letters, 2020, 14, 503-509.	2.1	14
9	Development of Poly (Lactide Acid) Foams with Thermally Expandable Microspheres. Polymers, 2020, 12, 463.	4.5	40
10	Accelerated photodegradation of poly(lactic acid) with weathering test chamber and laser exposure â€” A comparative study. Polymer Testing, 2019, 76, 411-419.	4.8	14
11	Flame retarded selfâ€™reinforced polypropylene composites prepared by injection moulding. Polymers for Advanced Technologies, 2018, 29, 433-441.	3.2	10
12	Characterization of Different Chemical Blowing Agents and Their Applicability to Produce Poly(Lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	36
13	Thermoplastic starch modified with microfibrillated cellulose and natural rubber latex: A broadband dielectric spectroscopy study. Carbohydrate Polymers, 2017, 157, 711-718.	10.2	30
14	Production and characterization of microfibrillated celluloseâ€™reinforced thermoplastic starch composites. Journal of Applied Polymer Science, 2016, 133, .	2.6	48
15	Investigating mechanical performance of PLA and CA biodegradable printed circuit boards. , 2015, , .		4
16	Production and properties of micro-cellulose reinforced thermoplastic starch. IOP Conference Series: Materials Science and Engineering, 2015, 74, 012008.	0.6	4
17	Water-Assisted Production of Thermoplastic Nanocomposites: A Review. Materials, 2015, 8, 72-95.	2.9	51
18	Failure of compression molded all-polyolefin composites studied by acoustic emission. EXPRESS Polymer Letters, 2015, 9, 321-328.	2.1	7

#	ARTICLE	IF	CITATIONS
19	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
20	Development and characterisation of injection moulded, all-polypropylene composites. EXPRESS Polymer Letters, 2013, 7, 134-145.	2.1	31
21	Injection moulded all-polypropylene composites composed of polypropylene fibre and polypropylene based thermoplastic elastomer. Composites Science and Technology, 2012, 73, 72-80.	7.8	40
22	Development of flame retarded self-reinforced composites from automotive shredder plastic waste. Polymer Degradation and Stability, 2012, 97, 221-227.	5.8	27
23	Self-reinforced polymeric materials: A review. Progress in Polymer Science, 2010, 35, 1288-1310.	24.7	276
24	Investigation of the Weldability of the Self-Reinforced Polypropylene Composites. Materials Science Forum, 0, 659, 25-30.	0.3	6
25	Preparation and Properties of Thermoplastic Starch/Bentonite Nanocomposites. Materials Science Forum, 0, 885, 129-134.	0.3	8