

Akos Kmetty

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/492550/publications.pdf>

Version: 2024-02-01

25
papers

784
citations

687363

13
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

876
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-reinforced polymeric materials: A review. Progress in Polymer Science, 2010, 35, 1288-1310.	24.7	276
2	Water-Assisted Production of Thermoplastic Nanocomposites: A Review. Materials, 2015, 8, 72-95.	2.9	51
3	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
4	Production and characterization of microfibrillated cellulose reinforced thermoplastic starch composites. Journal of Applied Polymer Science, 2016, 133, .	2.6	48
5	Polymer foams as advanced energy absorbing materials for sports applications – A review. Journal of Applied Polymer Science, 2022, 139, 51714.	2.6	46
6	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
7	Development of Poly (Lactide Acid) Foams with Thermally Expandable Microspheres. Polymers, 2020, 12, 463.	4.5	40
8	Characterization of Different Chemical Blowing Agents and Their Applicability to Produce Poly(Lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	36
9	Development and characterisation of injection moulded, all-polypropylene composites. EXPRESS Polymer Letters, 2013, 7, 134-145.	2.1	31
10	Thermoplastic starch modified with microfibrillated cellulose and natural rubber latex: A broadband dielectric spectroscopy study. Carbohydrate Polymers, 2017, 157, 711-718.	10.2	30
11	Development of flame retarded self-reinforced composites from automotive shredder plastic waste. Polymer Degradation and Stability, 2012, 97, 221-227.	5.8	27
12	Improving the heat deflection temperature of poly(lactic acid) foams by annealing. Polymer Degradation and Stability, 2021, 190, 109646.	5.8	16
13	Accelerated photodegradation of poly(lactic acid) with weathering test chamber and laser exposure – A comparative study. Polymer Testing, 2019, 76, 411-419.	4.8	14
14	Static and dynamic mechanical characterization of cross-linked polyethylene foams: The effect of density. EXPRESS Polymer Letters, 2020, 14, 503-509.	2.1	14
15	Flame retarded self reinforced polypropylene composites prepared by injection moulding. Polymers for Advanced Technologies, 2018, 29, 433-441.	3.2	10
16	Investigation of the damping properties of polylactic acid-based syntactic foam structures. Polymer Testing, 2021, 103, 107347.	4.8	10
17	Preparation and Properties of Thermoplastic Starch/Bentonite Nanocomposites. Materials Science Forum, 0, 885, 129-134.	0.3	8
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	Characterization of polylactic acid-based nanocomposite foams with supercritical CO ₂ . Measurement: Journal of the International Measurement Confederation, 2021, 178, 109385.	5.0	7
20	Investigation of the Weldability of the Self-Reinforced Polypropylene Composites. Materials Science Forum, 0, 659, 25-30.	0.3	6
21	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
22	Investigating mechanical performance of PLA and CA biodegradable printed circuit boards. , 2015, , .		4
23	Production and properties of micro-cellulose reinforced thermoplastic starch. IOP Conference Series: Materials Science and Engineering, 2015, 74, 012008.	0.6	4
24	Investigating the impact behavior of wrestling mats via finite element simulation and falling weight impact tests. Polymer Testing, 2022, 108, 107521.	4.8	3
25	Production of Biopolymer Foams Based on Polylactic Acid Plasticized With Lactic Acid Oligomer. Acta Materialia Transylvanica, 2021, 4, 32-37.	0.0	0