Catherine A Kelly

List of Publications by Year
in descending order

18	281	933264 10	940416 16
papers	citations	h-index	g-index

18	18	18	383
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling the crystallization kinetics of polymers displaying high levels of secondary crystallization. Polymer Journal, 2022, 54, 249-257.	1.3	11
2	Rheological analysis of heat labile poly(3-hydroxybutyrate-co-3-hydroxyvalerate):poly(ethylene glycol) blends. Materials Today Communications, 2021, 29, 102787.	0.9	1
3	The Effect of a Secondary Process on the Analysis of Isothermal Crystallisation Kinetics by Differential Scanning Calorimetry. Polymers, 2020, 12, 19.	2.0	8
4	Synthesis of Biodegradable Polyhydroxyalkanoates from Soil Bacteria. , 2020, , 115-124.		1
5	Crosslinker Copolymerization for Property Control in Inverse Vulcanization. Chemistry - A European Journal, 2019, 25, 10433-10440.	1.7	88
6	Reduction of poly(hydroxybutyrate-co-hydroxyvalerate) secondary crystallisation through blending with saccharides. Polymer Degradation and Stability, 2019, 159, 116-124.	2.7	4
7	Secondary crystallisation and degradation in P(3HB-co-3HV): an assessment of long-term stability. Polymer Journal, 2018, 50, 365-373.	1.3	11
8	Introducing cryomilling for reliable determination of resin content and degree of cure in structural carbon fibre reinforced thermoset composites. Composites Part A: Applied Science and Manufacturing, 2018, 107, 197-204.	3.8	8
9	Control of the secondary crystallisation process in poly(hydroxybutyrate-co-hydroxyvalerate) through the incorporation of poly(ethylene glycol). Polymer Degradation and Stability, 2018, 148, 67-74.	2.7	14
10	Re-Formative Polymer Composites from Plastic Waste: Novel Infrastructural Product Application. Recycling, 2018, 3, 54.	2.3	8
11	Development of partial miscibility in polycarbonate/polypropylene blends via annealing. Journal of Polymer Engineering, 2017, 37, 707-714.	0.6	6
12	Modification of poly(3â€hydroxybutyrateâ€coâ€3â€hydroxyvalerate) properties by reactive blending with a monoterpene derivative. Journal of Applied Polymer Science, 2016, 133, .	1.3	10
13	Detection of melting point depression and crystallization of polycaprolactone (PCL) in scCO2 by infrared spectroscopy. Polymer Journal, 2013, 45, 188-192.	1.3	20
14	Rheological studies of polycaprolactone in supercritical CO2. European Polymer Journal, 2013, 49, 464-470.	2.6	16
15	Viscosity studies of poly(<scp>DL</scp>â€lactic acid) in supercritical CO₂. Journal of Polymer Science, Part B: Polymer Physics, 2012, 50, 1383-1393.	2.4	27
16	Supercritical CO₂: A Clean and Low Temperature Approach to Blending P_{DL}LA and PEG. Advanced Functional Materials, 2012, 22, 1684-1691.	7.8	31
17	Stability of Human Growth Hormone in Supercritical Carbon Dioxide. Journal of Pharmaceutical Sciences, 2012, 101, 56-67.	1.6	10
18	One dose or two? The use of polymers in drug delivery. Polymer International, 2007, 56, 1457-1460.	1.6	7