

Michael J Jenkins

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43 papers	544 citations	12 h-index	22 g-index
45 ext. papers	619 ext. citations	3.9 avg, IF	3.81 L-index

#	Paper	IF	Citations
43	Tailoring Crystallinity of Electrospun PLLa Fibres by Control of Electrospinning Parameters. <i>Polymers</i> , 2012 , 4, 1331-1348	4.5	75
42	Effect of sterilisation by gamma irradiation on the ability of polycaprolactone (PCL) to act as a scaffold material. <i>Medical Engineering and Physics</i> , 2009 , 31, 221-6	2.4	70
41	Miscibility in blends of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) and poly(ϵ -caprolactone) induced by melt blending in the presence of supercritical CO ₂ . <i>Polymer</i> , 2007 , 48, 6304-6310	3.9	40
40	The effect of crystallinity and water absorption on the dynamic mechanical relaxation behaviour of polycaprolactone. <i>Polymer International</i> , 2004 , 53, 1298-1304	3.3	31
39	Thermosensitive hydrogel as an in situ gelling antimicrobial ocular dressing. <i>Materials Science and Engineering C</i> , 2017 , 78, 203-209	8.3	28
38	Active screen plasma surface modification of polycaprolactone to improve cell attachment. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012 , 100, 314-20	3.5	25
37	Viscosity studies of poly(DL-lactic acid) in supercritical CO ₂ . <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012 , 50, 1383-1393	2.6	24
36	Characterization of active screen plasma modified polyurethane surfaces. <i>Surface and Coatings Technology</i> , 2012 , 206, 4799-4807	4.4	22
35	Solubility of Supercritical Carbon Dioxide in Polycaprolactone (CAPA 6800) at 313 and 333 K. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 1877-1879	2.8	21
34	Polyhydroxybutyrate accumulation by a <i>Serratia</i> sp. <i>Biotechnology Letters</i> , 2008 , 30, 481-91	3	20
33	Formulation of a covalently bonded hydroxyapatite and poly(ether ether ketone) composite. <i>Journal of Tissue Engineering</i> , 2018 , 9, 2041731418815570	7.5	15
32	Detection of melting point depression and crystallization of polycaprolactone (PCL) in scCO ₂ by infrared spectroscopy. <i>Polymer Journal</i> , 2013 , 45, 188-192	2.7	13
31	The effect of secondary crystallization on crystallization kinetics of Polyethylene terephthalate revisited. <i>European Polymer Journal</i> , 2016 , 81, 216-223	5.2	12
30	Rheological studies of polycaprolactone in supercritical CO ₂ . <i>European Polymer Journal</i> , 2013 , 49, 464-470	4.02	12
29	The kinetics of crystallization of poly(ϵ -caprolactone) measured by FTIR spectroscopy. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016 , 123, 1491-1500	4.1	11
28	Control of the secondary crystallisation process in poly(hydroxybutyrate-co-hydroxyvalerate) through the incorporation of poly(ethylene glycol). <i>Polymer Degradation and Stability</i> , 2018 , 148, 67-74	4.7	10
27	Miscibility in cyclic poly(butylene terephthalate) and styrene maleimide blends prepared by solid-dispersion and in situ polymerization of cyclic butylene terephthalate oligomers within styrene maleimide. <i>Journal of Applied Polymer Science</i> , 2012 , 126, E290-E297	2.9	9

26	Materials in sports equipment 2003 ,		9
25	CO2 assisted blending of poly(lactic acid) and poly(ϵ -caprolactone). <i>European Polymer Journal</i> , 2017 , 88, 34-43	5.2	8
24	The effect of a secondary process on crystallization kinetics [Poly (ϵ -caprolactone) revisited. <i>European Polymer Journal</i> , 2016 , 84, 708-714	5.2	8
23	Development of a rapid method to isolate polyhydroxyalkanoates from bacteria for screening studies. <i>Journal of Bioscience and Bioengineering</i> , 2016 , 121, 101-104	3.3	7
22	Secondary crystallisation and degradation in P(3HB-co-3HV): an assessment of long-term stability. <i>Polymer Journal</i> , 2018 , 50, 365-373	2.7	7
21	Introducing cryomilling for reliable determination of resin content and degree of cure in structural carbon fibre reinforced thermoset composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018 , 107, 197-204	8.4	7
20	The effect of a secondary process on polymer crystallization kinetics [B. Co-poly (lactic acid). <i>European Polymer Journal</i> , 2017 , 94, 311-321	5.2	7
19	The ageing of poly(ϵ -caprolactone). <i>Polymer International</i> , 2015 , 64, 1695-1705	3.3	7
18	Durability and reliability of medical polymers 2012 ,		6
17	Biomedical polymers 2007 ,		6
16	The melting of poly (l -lactic acid). <i>European Polymer Journal</i> , 2018 , 100, 253-257	5.2	5
15	The equilibrium melting temperature and isothermal crystallisation kinetics of cyclic poly(butylene terephthalate) and styrene maleimide (c-PBT/SMI) blends. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013 , 114, 1307-1315	4.1	5
14	Development of partial miscibility in polycarbonate/polypropylene blends via annealing. <i>Journal of Polymer Engineering</i> , 2017 , 37, 707-714	1.4	4
13	Counting carbon fibres by electrical resistance measurement. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015 , 68, 276-281	8.4	4
12	Crystallisation kinetics of cyclic and linear poly (butylene terephthalate). <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 128, 457-463	4.1	3
11	Advanced materials and sporting performance. <i>Interdisciplinary Science Reviews</i> , 2002 , 27, 61-66	0.7	3
10	Reduction of poly(hydroxybutyrate-co-hydroxyvalerate) secondary crystallisation through blending with saccharides. <i>Polymer Degradation and Stability</i> , 2019 , 159, 116-124	4.7	3
9	Physical ageing studies of poly(ethylene terephthalate) using SANS and DSC. <i>Physica B: Condensed Matter</i> , 2006 , 385-386, 514-516	2.8	2

8	Enthalpic relaxation and the glass transition in polymer blends. <i>Macromolecular Symposia</i> , 1999 , 143, 121-148	0.8	1
7	Effect of Plasma Modification on the Wettability and the Ageing Behaviour of Glass Fibre Reinforced Polyamide 6 (GFPA6).. <i>Materials</i> , 2021 , 14,	3.5	1
6	Modeling the crystallization kinetics of polymers displaying high levels of secondary crystallization. <i>Polymer Journal</i> ,	2.7	1
5	The Effect of a Secondary Process on the Analysis of Isothermal Crystallisation Kinetics by Differential Scanning Calorimetry. <i>Polymers</i> , 2019 , 12,	4.5	1
4	Response to letter to the editor: The effect of the environment on the mechanical properties of medical grade silicones. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009 , 90B, 970-970	3.5	
3	Time-resolved SANS studies of the hot crystallisation of PET. <i>Physica B: Condensed Matter</i> , 2006 , 385-386, 511-513	2.8	
2	Thermo-mechanical Modification Techniques for Structural Foams used in Racing Bicycle Wheels 2006 , 79-84		
1	Rheological analysis of heat labile poly(3-hydroxybutyrate-co-3-hydroxyvalerate):poly(ethylene glycol) blends. <i>Materials Today Communications</i> , 2021 , 29, 102787	2.5	