

Michael J Jenkins

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6478387/michael-j-jenkins-publications-by-year.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
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	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
42	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	
41	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
40	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
39	The melting of poly (l-lactic acid). <i>European Polymer Journal</i> , 2018 , 100, 253-257	5.2	5
38	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
37	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
36	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
35	Formulation of a covalently bonded hydroxyapatite and poly(ether ether ketone) composite. <i>Journal of Tissue Engineering</i> , 2018 , 9, 2041731418815570	7.5	15
34	CO2 assisted blending of poly(lactic acid) and poly(ε-caprolactone). <i>European Polymer Journal</i> , 2017 , 88, 34-43	5.2	8
33	Thermosensitive hydrogel as an in situ gelling antimicrobial ocular dressing. <i>Materials Science and Engineering C</i> , 2017 , 78, 203-209	8.3	28
32	Crystallisation kinetics of cyclic and linear poly (butylene terephthalate). <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 128, 457-463	4.1	3
31	Development of partial miscibility in polycarbonate/polypropylene blends via annealing. <i>Journal of Polymer Engineering</i> , 2017 , 37, 707-714	1.4	4
30	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
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	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
27	The effect of secondary crystallization on crystallization kinetics [Polyethylene terephthalate revisited. <i>European Polymer Journal</i> , 2016 , 81, 216-223	5.2	12

26	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
25	Counting carbon fibres by electrical resistance measurement. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015 , 68, 276-281	8.4	4
24	The ageing of poly(ε-caprolactone). <i>Polymer International</i> , 2015 , 64, 1695-1705	3.3	7
23	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
22	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
21	Rheological studies of polycaprolactone in supercritical CO ₂ . <i>European Polymer Journal</i> , 2013 , 49, 464-470	3.2	12
20	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
19	Characterization of active screen plasma modified polyurethane surfaces. <i>Surface and Coatings Technology</i> , 2012 , 206, 4799-4807	4.4	22
18	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
17	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
16	Tailoring Crystallinity of Electrospun PLLa Fibres by Control of Electrospinning Parameters. <i>Polymers</i> , 2012 , 4, 1331-1348	4.5	75
15	Durability and reliability of medical polymers 2012 ,		6
14	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	
13	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
12	Polyhydroxybutyrate accumulation by a <i>Serratia</i> sp. <i>Biotechnology Letters</i> , 2008 , 30, 481-91	3	20
11	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
10	Biomedical polymers 2007 ,		6
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	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
7	Time-resolved SANS studies of the hot crystallisation of PET. <i>Physica B: Condensed Matter</i> , 2006 , 385-386, 511-513	2.8	
6	Thermo-mechanical Modification Techniques for Structural Foams used in Racing Bicycle Wheels 2006 , 79-84		
5	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
4	Materials in sports equipment 2003 ,		9
3	Advanced materials and sporting performance. <i>Interdisciplinary Science Reviews</i> , 2002 , 27, 61-66	0.7	3
2	Enthalpic relaxation and the glass transition in polymer blends. <i>Macromolecular Symposia</i> , 1999 , 143, 121-148	0.8	1
1	Modeling the crystallization kinetics of polymers displaying high levels of secondary crystallization. <i>Polymer Journal</i> ,	2.7	1