

James N Hay

List of Publications by Year in descending order

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papers

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840585

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all docs

23
docs citations

23
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of a Secondary Process on the Analysis of Isothermal Crystallisation Kinetics by Differential Scanning Calorimetry. <i>Polymers</i> , 2020, 12, 19.	2.0	8
2	The role of a secondary process in polymer crystallization: 4 $\hat{\alpha}$ Polyethylene revisited. <i>Polymer International</i> , 2019, 68, 201-205.	1.6	1
3	The melting of poly (l-lactic acid). <i>European Polymer Journal</i> , 2018, 100, 253-257.	2.6	5
4	Secondary crystallization kinetics. <i>Polymer Crystallization</i> , 2018, 1, e10007.	0.5	10
5	The effect of a secondary process on polymer crystallization kinetics $\hat{\alpha}$ 3. Co-poly (lactic acid). <i>European Polymer Journal</i> , 2017, 94, 311-321.	2.6	9
6	The isothermal crystallization of poly(ether ether ketone) by two-dimensional differential scanning calorimetry correlation mapping. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	7
7	The effect of a secondary process on crystallization kinetics $\hat{\alpha}$ Poly (\hat{N} -caprolactone) revisited. <i>European Polymer Journal</i> , 2016, 84, 708-714.	2.6	13
8	The effect of secondary crystallization on crystallization kinetics $\hat{\alpha}$ Polyethylene terephthalate revisited. <i>European Polymer Journal</i> , 2016, 81, 216-223.	2.6	19
9	Stereo-chemical contributions to the glass transition and liquid-liquid phase separation in high molecular weight poly(N-vinyl carbazole). <i>RSC Advances</i> , 2016, 6, 29326-29333.	1.7	4
10	The kinetics of crystallization of poly($\hat{\mu}$ -caprolactone) measured by FTIR spectroscopy. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 123, 1491-1500.	2.0	14
11	The ageing of poly($\hat{\mu}$ -caprolactone). <i>Polymer International</i> , 2015, 64, 1695-1705.	1.6	8
12	The crosslinking of poly (ether ether ketone): Thermally and by irradiation. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	13
13	State of the water in crosslinked sulfonated poly(ether ether ketone). Two-dimensional differential scanning calorimetry correlation mapping. <i>Thermochimica Acta</i> , 2015, 612, 63-69.	1.2	16
14	State of the water in crosslinked sulfonated poly(ether ether ketone). <i>Journal of Applied Polymer Science</i> , 2013, 128, 3000-3009.	1.3	21
15	The sulfonation of crosslinked poly(ether ether ketone) $\hat{\alpha}$ Diffusion $\hat{\alpha}$ controlled kinetics. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 775-783.	2.4	15
16	The effect of proton irradiation on the melting and isothermal crystallization of poly(ether $\hat{\alpha}$ ether $\hat{\alpha}$ ketone). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 1094-1103.	2.4	18
17	The effect of ions irradiation on the thermal properties of poly(ether ether ketone). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 2212-2221.	2.4	20
18	Evaluation of the crystallization kinetics and melting of polypropylene and metallocene-prepared polyethylene blends. <i>Journal of Applied Polymer Science</i> , 2007, 104, 634-640.	1.3	6

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19	Phase separation in polypropylene and metallocene polyethylene blends. <i>Polymer Engineering and Science</i> , 2006, 46, 889-895.	1.5	9
20	Isothermal crystallization and spherulite nucleation in blends of polypropylene with metallocene-prepared polyethylene. <i>Polymer International</i> , 2006, 55, 6-11.	1.6	11
21	The thermal degradation of poly(vinyl acetate) measured by thermal analysisâ€”Fourier transform infrared spectroscopy. <i>Polymer</i> , 2002, 43, 2207-2211.	1.8	122
22	Novel Liquid Crystal Molecular Sensor. <i>Materials Technology</i> , 1999, 14, 118-121.	1.5	0
23	Evaluation of Multiple Melting Peaks of Propylene-Ethylene Copolymers. <i>Polymer Journal</i> , 1998, 30, 215-221.	1.3	22