

Noreen L Thomas

List of Publications by Year in Descending Order

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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.

46 papers	3,158 citations	25 h-index	46 g-index
46 ext. papers	3,533 ext. citations	6.4 avg, IF	5.63 L-index

#	Paper	IF	Citations
46	Fabrication of porous fibers via electrospinning: strategies and applications. <i>Polymer Reviews</i> , 2020 , 60, 595-647	14	29
45	Fabricating porous poly(lactic acid) fibres via electrospinning. <i>European Polymer Journal</i> , 2018 , 99, 464-476	4.5	93
44	Optimising Ductility of Poly(Lactic Acid)/Poly(Butylene Adipate-co-Terephthalate) Blends Through Co-continuous Phase Morphology. <i>Journal of Polymers and the Environment</i> , 2018 , 26, 3802-3816	4.5	54
43	Cement nanotubes: on chemical gardens and cement. <i>Structural Chemistry</i> , 2017 , 28, 33-37	1.8	13
42	Tortuosity model to predict the combined effects of crystallinity and nano-sized clay mineral on the water vapour barrier properties of polylactic acid. <i>Applied Clay Science</i> , 2017 , 141, 46-54	5.2	26
41	Electrospun dual-layer mats with covalently bonded ZnO nanoparticles for moisture wicking and antibacterial textiles. <i>Materials and Design</i> , 2017 , 134, 54-63	8.1	20
40	Electrospinning of polylactic acid fibres containing tea tree and manuka oil. <i>Reactive and Functional Polymers</i> , 2017 , 117, 106-111	4.6	37
39	Electrospinning of poly(lactic acid): Theoretical approach for the solvent selection to produce defect-free nanofibers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016 , 54, 1483-1498	2.6	42
38	Fabrication of composite poly(d,l-lactide)/montmorillonite nanoparticles for controlled delivery of acetaminophen by solvent-displacement method using glass capillary microfluidics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 141, 187-195	6	23
37	A review of the water barrier properties of polymer/clay and polymer/graphene nanocomposites. <i>Journal of Membrane Science</i> , 2016 , 514, 595-612	9.6	196
36	From Chemical Gardens to Chemobrionics. <i>Chemical Reviews</i> , 2015 , 115, 8652-703	68.1	155
35	Blending poly(butylene succinate) with poly(lactic acid): Ductility and phase inversion effects. <i>European Polymer Journal</i> , 2015 , 71, 534-546	5.2	102
34	Materials design towards sport textiles with low-friction and moisture-wicking dual functions. <i>Materials and Design</i> , 2015 , 88, 82-87	8.1	43
33	Tailoring surface hydrophilicity of porous electrospun nanofibers to enhance capillary and push-pull effects for moisture wicking. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 14087-95	9.5	80
32	Electrospun poly lactic acid (PLA) fibres: Effect of different solvent systems on fibre morphology and diameter. <i>Polymer</i> , 2014 , 55, 4728-4737	3.9	205
31	Talc as a nucleating agent and reinforcing filler in poly(lactic acid) composites. <i>Polymer Engineering and Science</i> , 2014 , 54, 64-70	2.3	76
30	Water vapour permeability of poly(lactic acid) nanocomposites. <i>Journal of Membrane Science</i> , 2013 , 445, 112-118	9.6	71

29	Dispersion of nanoparticles in poly(vinyl chloride) grains during In situ polymerization. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 1824-1830	2.9	6
28	Oxodegradable plastics: degradation, environmental impact and recycling. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , 2012 , 165, 133-140	0.5	17
27	Investigation of precipitated calcium carbonate as a processing aid and impact modifier in poly(vinyl chloride). <i>Polymer Engineering and Science</i> , 2012 , 52, 2369-2374	2.3	8
26	Blending polylactic acid with polyhydroxybutyrate: The effect on thermal, mechanical, and biodegradation properties. <i>Advances in Polymer Technology</i> , 2011 , 30, 67-79	1.9	224
25	Nonaqueous polymerization of vinyl chloride: An environmentally friendly process. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 2472-2481	2.9	10
24	Preparation and properties of polyhydroxybutyrate blended with different types of starch. <i>Journal of Applied Polymer Science</i> , 2009 , 116, n/a-n/a	2.9	15
23	Surface energy measurements of coated titanium dioxide pigment. <i>Progress in Organic Coatings</i> , 2008 , 62, 123-128	4.8	15
22	Melt compounding of rigid PVC formulations with hydrotalcites. <i>Plastics, Rubber and Composites</i> , 2008 , 37, 445-452	1.5	3
21	Suspension polymerisation of vinyl chloride in presence of ultra fine filler particles. <i>Plastics, Rubber and Composites</i> , 2008 , 37, 431-435	1.5	4
20	Preparation and characterization of organoclays based on an amphoteric surfactant. <i>Journal of Colloid and Interface Science</i> , 2008 , 321, 39-43	9.3	16
19	Peroxide crosslinking of rigid poly(vinyl chloride). <i>Journal of Applied Polymer Science</i> , 2007 , 103, 2904-2909	2.9	4
18	Cellular PVC-U: Current Technology and Future Challenges. <i>Journal of Cellular Plastics</i> , 2007 , 43, 237-255	1.5	3
17	Effect of precipitated calcium carbonate on the mechanical properties of poly(vinyl chloride). <i>Journal of Vinyl and Additive Technology</i> , 2007 , 13, 98-102	2	21
16	Cross-linking of unplasticised poly(vinyl chloride) with peroxide. <i>Plastics, Rubber and Composites</i> , 2006 , 35, 112-116	1.5	3
15	Alloying of poly(vinyl chloride) to reduce plasticizer migration. <i>Journal of Applied Polymer Science</i> , 2004 , 94, 2022-2031	2.9	18
14	Zinc compounds as flame retardants and smoke suppressants for rigid PVC. <i>Plastics, Rubber and Composites</i> , 2003 , 32, 413-419	1.5	18
13	A reply to a discussion by S chatterji of the retarding action of sugars on cement hydration by N L Thomas and J D Birchall. <i>Cement and Concrete Research</i> , 1984 , 14, 761-762	10.3	7
12	The hydration of Portland cement, C3S and C2S in the presence of a calcium complexing admixture (EDTA). <i>Cement and Concrete Research</i> , 1983 , 13, 391-400	10.3	15

11	The retarding action of sugars on cement hydration. <i>Cement and Concrete Research</i> , 1983 , 13, 830-842	10.3	187
10	A theory of case II diffusion. <i>Polymer</i> , 1982 , 23, 529-542	3.9	464
9	The effect of lead nitrate on the early hydration of portland cement. <i>Cement and Concrete Research</i> , 1981 , 11, 143-153	10.3	83
8	Calcium and silicon concentrations in solution during the early hydration of portland cement and tricalcium silicate. <i>Cement and Concrete Research</i> , 1981 , 11, 675-687	10.3	49
7	Flocculation of latex by water-soluble polymers: Experimental confirmation of a nonbridging, nonadsorptive, volume-restriction mechanism. <i>Journal of Colloid and Interface Science</i> , 1981 , 82, 62-76	9.3	150
6	Diffusion mechanics of the system PMMA-methanol. <i>Polymer</i> , 1981 , 22, 627-639	3.9	140
5	A deformation model for Case II diffusion. <i>Polymer</i> , 1980 , 21, 613-619	3.9	158
4	Transport of methanol in poly(methyl methacrylate). <i>Polymer</i> , 1978 , 19, 255-265	3.9	163
3	Case II swelling of PMMA sheet in methanol. <i>Journal of Membrane Science</i> , 1978 , 3, 337-342	9.6	37
2	Discontinuous shape changes associated with Case II transport of methanol in thin sheets of PMMA. <i>Polymer</i> , 1977 , 18, 1195	3.9	55
1	Co-continuous phase prediction in poly(lactic acid) /poly(caprolactone) blends from melt viscosity measurements. <i>Polymer-Plastics Technology and Materials</i> , 1-18	1.5	