Greg W Curtzwiler

List of Publications by Year in Descending Order

26 papers	207 citations	9 h-index	13 g-index
28 ext. papers	310 ext. citations	5 avg, IF	3.81 L-index

#	Paper	IF	Citations
26	Biofillers Improved Compression Modulus of Extruded PLA Foams. *Sustainability*, **2022**, 14, 5521	3.6	1
25	Dataset of the properties of polyethylene (PE) blends of different densities mixed with post-consumer recycled polyethylene (PCRPE). *Data in Brief*, **2021**, 38, 107452	1.2	
24	The challenges in recycling post-consumer polyolefins for food contact applications: A review. *Resources, Conservation and Recycling*, **2021**, 167, 105422	11.9	12
23	Risk assessment of per- and polyfluoroalkyl substances (PFAS) in food: Symposium proceedings. *Trends in Food Science and Technology*, **2021**, 116, 1203-1203	15.3	1
22	Significance of Perfluoroalkyl Substances (PFAS) in Food Packaging. *Integrated Environmental Assessment and Management*, **2021**, 17, 7-12	2.5	11
21	Biobased foams for thermal insulation: material selection, processing, modelling, and performance.. *RSC Advances*, **2021**, 11, 4375-4394	3.7	9
20	Self-assembly in biobased nanocomposites for multifunctionality and improved performance. *Nanoscale Advances*, **2021**, 3, 4321-4348	5.1	4
19	Biobased superhydrophobic coating enabled by nanoparticle assembly. *Nanoscale Advances*, **2021**, 3, 4037-4047	5.1	0
18	The effect of post-consumer recycled polyethylene (PCRPE) on the properties of polyethylene blends of different densities. *Polymer Degradation and Stability*, **2021**, 190, 109627	4.7	5
17	Post-consumer polymers (PCR) for color retention of delicatessen meats and elucidation of the light blocking mechanism. *Sustainable Materials and Technologies*, **2020**, 25, e00193	5.3	2
16	Suitability of poly(butylene succinate) as a coating for paperboard convenience food packaging. *International Journal of Biobased Plastics*, **2020**, 2, 1-12	3.3	18
15	Mixed post-consumer recycled polyolefins as a property tuning material for virgin polypropylene. *Journal of Cleaner Production*, **2019**, 239, 117978	10.3	22
14	Thin Biobased Transparent UV-Blocking Coating Enabled by Nanoparticle Self-Assembly. *ACS Applied Materials & Interfaces*, **2019**, 11, 24552-24559	9.5	28
13	Understanding the influence of water hydrogen bonding on the cathodic delamination rate of coated steel substrates from pre-exposure characterization. *Corrosion Science*, **2019**, 151, 198-205	6.8	4
12	PFOA and PFOS levels in microwave paper packaging between 2005 and 2018. *Food Additives and Contaminants: Part B Surveillance*, **2019**, 12, 191-198	3.3	11
11	X-ray Fluorescence Analysis of Antimony Content in Extruded Polyethylene Terephthalate Food Packaging Below the Infinite Thickness. *Food Analytical Methods*, **2018**, 11, 1722-1727	3.4	7
10	Certification markers for empirical quantification of post-consumer recycled content in extruded polyethylene film. *Polymer Testing*, **2018**, 65, 103-110	4.5	8

9	Evaluation of methods for determining heavy metal content in polyethylene terephthalate food packaging. *Journal of Plastic Film and Sheeting*, **2018**, 34, 119-139	2.4	9
8	Measurable and Influential Parameters That Influence Corrosion Performance Differences between Multiwall Carbon Nanotube Coating Material Combinations and Model Parent Material Combinations Derived from Epoxy-Amine Matrix Materials. *ACS Applied Materials & Interfaces*, **2017**, 9, 6356-6368	9.5	10
7	Ultraviolet protection of recycled polyethylene terephthalate. *Journal of Applied Polymer Science*, **2017**, 134, 45181	2.9	11
6	A rapid quantitative protocol for measuring carbon nanotube degree of dispersion in a waterborne epoxy‐amine matrix material **2017**, 14, 903-913		3
5	Chemorheology investigation of a glassy epoxy thermoset on tensile plastic flow and fracture morphology. *Journal of Polymer Science, Part B: Polymer Physics*, **2015**, 53, 1333-1344	2.6	2
4	Facile covalent surface functionalization of multiwalled carbon nanotubes with poly(2-hydroxyethyl methacrylate) and interface related studies when incorporated into epoxy composites. *Journal of Applied Polymer Science*, **2013**, 128, 3010-3018	2.9	6
3	Thermal-initiated hydroxyethyl methacrylate functionalization of multiwalled carbon nanotubes. *Journal of Applied Polymer Science*, **2011**, 121, 964-969	2.9	3
2	Effect of recycled poly(ethylene terephthalate) content on properties of extruded poly(ethylene terephthalate) sheets. *Journal of Plastic Film and Sheeting*, **2011**, 27, 65-86	2.4	14
1	Characterization and compression properties of injection molded carbon nanotube composites. *Journal of Applied Polymer Science*, **2008**, 109, 218-225	2.9	6