

Greg W Curtzwiler

List of Publications by Citations

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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.

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	Thin Biobased Transparent UV-Blocking Coating Enabled by Nanoparticle Self-Assembly. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 24552-24559	9.5	28
25	Mixed post-consumer recycled polyolefins as a property tuning material for virgin polypropylene. <i>Journal of Cleaner Production</i> , 2019 , 239, 117978	10.3	22
24	Suitability of poly(butylene succinate) as a coating for paperboard convenience food packaging. <i>International Journal of Biobased Plastics</i> , 2020 , 2, 1-12	3.3	18
23	Effect of recycled poly(ethylene terephthalate) content on properties of extruded poly(ethylene terephthalate) sheets. <i>Journal of Plastic Film and Sheeting</i> , 2011 , 27, 65-86	2.4	14
22	The challenges in recycling post-consumer polyolefins for food contact applications: A review. <i>Resources, Conservation and Recycling</i> , 2021 , 167, 105422	11.9	12
21	Ultraviolet protection of recycled polyethylene terephthalate. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45181	2.9	11
20	PFOA and PFOS levels in microwave paper packaging between 2005 and 2018. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2019 , 12, 191-198	3.3	11
19	Significance of Perfluoroalkyl Substances (PFAS) in Food Packaging. <i>Integrated Environmental Assessment and Management</i> , 2021 , 17, 7-12	2.5	11
18	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. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 4254-4268	9.5	10
17	Evaluation of methods for determining heavy metal content in polyethylene terephthalate food packaging. <i>Journal of Plastic Film and Sheeting</i> , 2018 , 34, 119-139	2.4	9
16	Biobased foams for thermal insulation: material selection, processing, modelling, and performance.. <i>RSC Advances</i> , 2021 , 11, 4375-4394	3.7	9
15	Certification markers for empirical quantification of post-consumer recycled content in extruded polyethylene film. <i>Polymer Testing</i> , 2018 , 65, 103-110	4.5	8
14	X-ray Fluorescence Analysis of Antimony Content in Extruded Polyethylene Terephthalate Food Packaging Below the Infinite Thickness. <i>Food Analytical Methods</i> , 2018 , 11, 1722-1727	3.4	7
13	Facile covalent surface functionalization of multiwalled carbon nanotubes with poly(2-hydroxyethyl methacrylate) and interface related studies when incorporated into epoxy composites. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 3010-3018	2.9	6
12	Characterization and compression properties of injection molded carbon nanotube composites. <i>Journal of Applied Polymer Science</i> , 2008 , 109, 218-225	2.9	6
11	The effect of post-consumer recycled polyethylene (PCRPE) on the properties of polyethylene blends of different densities. <i>Polymer Degradation and Stability</i> , 2021 , 190, 109627	4.7	5
10	Understanding the influence of water hydrogen bonding on the cathodic delamination rate of coated steel substrates from pre-exposure characterization. <i>Corrosion Science</i> , 2019 , 151, 198-205	6.8	4

9	Self-assembly in biobased nanocomposites for multifunctionality and improved performance. <i>Nanoscale Advances</i> , 2021 , 3, 4321-4348	5.1	4
8	A rapid quantitative protocol for measuring carbon nanotube degree of dispersion in a waterborne epoxy/amine matrix material 2017 , 14, 903-913		3
7	Thermal-initiated hydroxyethyl methacrylate functionalization of multiwalled carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 964-969	2.9	3
6	Chemorheology investigation of a glassy epoxy thermoset on tensile plastic flow and fracture morphology. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015 , 53, 1333-1344	2.6	2
5	Post-consumer polymers (PCR) for color retention of delicatessen meats and elucidation of the light blocking mechanism. <i>Sustainable Materials and Technologies</i> , 2020 , 25, e00193	5.3	2
4	Risk assessment of per- and polyfluoroalkyl substances (PFAS) in food: Symposium proceedings. <i>Trends in Food Science and Technology</i> , 2021 , 116, 1203-1203	15.3	1
3	Biofillers Improved Compression Modulus of Extruded PLA Foams. <i>Sustainability</i> , 2022 , 14, 5521	3.6	1
2	Biobased superhydrophobic coating enabled by nanoparticle assembly. <i>Nanoscale Advances</i> , 2021 , 3, 4037-4047	5.1	0
1	Dataset of the properties of polyethylene (PE) blends of different densities mixed with post-consumer recycled polyethylene (PCRPE). <i>Data in Brief</i> , 2021 , 38, 107452	1.2	