

Greg W Curtzwiler

List of Publications by Year in descending order

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26
papers

440
citations

759233
12
h-index

752698
20
g-index

28
all docs

28
docs citations

28
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	Significance of Perfluoroalkyl Substances (PFAS) in Food Packaging. Integrated Environmental Assessment and Management, 2021, 17, 7-12.	2.9	48
2	The challenges in recycling post-consumer polyolefins for food contact applications: A review. Resources, Conservation and Recycling, 2021, 167, 105422.	10.8	44
3	Thin Biobased Transparent UV-Blocking Coating Enabled by Nanoparticle Self-Assembly. ACS Applied Materials & Interfaces, 2019, 11, 24552-24559.	8.0	40
4	Biobased foams for thermal insulation: material selection, processing, modelling, and performance. RSC Advances, 2021, 11, 4375-4394.	3.6	33
5	Mixed post-consumer recycled polyolefins as a property tuning material for virgin polypropylene. Journal of Cleaner Production, 2019, 239, 117978.	9.3	32
6	PFOA and PFOS levels in microwave paper packaging between 2005 and 2018. Food Additives and Contaminants: Part B Surveillance, 2019, 12, 191-198.	2.8	31
7	Suitability of poly(butylene succinate) as a coating for paperboard convenience food packaging. International Journal of Biobased Plastics, 2020, 2, 1-12.	5.6	30
8	The effect of post-consumer recycled polyethylene (PCRPE) on the properties of polyethylene blends of different densities. Polymer Degradation and Stability, 2021, 190, 109627.	5.8	26
9	Ultraviolet protection of recycled polyethylene terephthalate. Journal of Applied Polymer Science, 2017, 134, 45181.	2.6	20
10	Effect of recycled poly(ethylene terephthalate) content on properties of extruded poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.2	19
11	Risk assessment of per- and polyfluoroalkyl substances (PFAS) in food: Symposium proceedings. Trends in Food Science and Technology, 2021, 116, 1203-1211.	15.1	18
12	Evaluation of methods for determining heavy metal content in polyethylene terephthalate food packaging. Journal of Plastic Film and Sheeting, 2018, 34, 119-139.	2.2	14
13	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.	8.0	12
14	Certification markers for empirical quantification of post-consumer recycled content in extruded polyethylene film. Polymer Testing, 2018, 65, 103-110.	4.8	12
15	Self-assembly in biobased nanocomposites for multifunctionality and improved performance. Nanoscale Advances, 2021, 3, 4321-4348.	4.6	11
16	X-ray Fluorescence Analysis of Antimony Content in Extruded Polyethylene Terephthalate Food Packaging Below the Infinite Thickness. Food Analytical Methods, 2018, 11, 1722-1727.	2.6	9
17	Characterization and compression properties of injection molded carbon nanotube composites. Journal of Applied Polymer Science, 2008, 109, 218-225.	2.6	8
18	Facile covalent surface functionalization of multiwalled carbon nanotubes with poly(2-hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Applied Polymer Science, 2013, 128, 3010-3018.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Biofillers Improved Compression Modulus of Extruded PLA Foams. Sustainability, 2022, 14, 5521.	3.2	5
20	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.	6.6	4
21	Thermal-initiated hydroxyethyl methacrylate functionalization of multiwalled carbon nanotubes. Journal of Applied Polymer Science, 2011, 121, 964-969.	2.6	3
22	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.	2.1	3
23	A rapid quantitative protocol for measuring carbon nanotube degree of dispersion in a waterborne epoxy-amine matrix material. Journal of Coatings Technology Research, 2017, 14, 903-913.	2.5	3
24	Post-consumer polymers (PCR) for color retention of delicatessen meats and elucidation of the light blocking mechanism. Sustainable Materials and Technologies, 2020, 25, e00193.	3.3	3
25	Biobased superhydrophobic coating enabled by nanoparticle assembly. Nanoscale Advances, 2021, 3, 4037-4047.	4.6	2
26	Dataset of the properties of polyethylene (PE) blends of different densities mixed with post-consumer recycled polyethylene (PCRPE). Data in Brief, 2021, 38, 107452.	1.0	2