

Greg W Curtzwiler

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

440
citations

758635

12
h-index

752256

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. <i>Integrated Environmental Assessment and Management</i> , 2021, 17, 7-12.	1.6	48
2	The challenges in recycling post-consumer polyolefins for food contact applications: A review. <i>Resources, Conservation and Recycling</i> , 2021, 167, 105422.	5.3	44
3	Thin Biobased Transparent UV-Blocking Coating Enabled by Nanoparticle Self-Assembly. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 24552-24559.	4.0	40
4	Biobased foams for thermal insulation: material selection, processing, modelling, and performance. <i>RSC Advances</i> , 2021, 11, 4375-4394.	1.7	33
5	Mixed post-consumer recycled polyolefins as a property tuning material for virgin polypropylene. <i>Journal of Cleaner Production</i> , 2019, 239, 117978.	4.6	32
6	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.	1.3	31
7	Suitability of poly(butylene succinate) as a coating for paperboard convenience food packaging. <i>International Journal of Biobased Plastics</i> , 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. <i>Polymer Degradation and Stability</i> , 2021, 190, 109627.	2.7	26
9	Ultraviolet protection of recycled polyethylene terephthalate. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45181.	1.3	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	1.3	19
11	Risk assessment of per- and polyfluoroalkyl substances (PFAS) in food: Symposium proceedings. <i>Trends in Food Science and Technology</i> , 2021, 116, 1203-1211.	7.8	18
12	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.	1.3	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. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 6356-6368.	4.0	12
14	Certification markers for empirical quantification of post-consumer recycled content in extruded polyethylene film. <i>Polymer Testing</i> , 2018, 65, 103-110.	2.3	12
15	Self-assembly in biobased nanocomposites for multifunctionality and improved performance. <i>Nanoscale Advances</i> , 2021, 3, 4321-4348.	2.2	11
16	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.	1.3	9
17	Characterization and compression properties of injection molded carbon nanotube composites. <i>Journal of Applied Polymer Science</i> , 2008, 109, 218-225.	1.3	8
18	Facile covalent surface functionalization of multiwalled carbon nanotubes with poly(2-hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 <i>Applied Polymer Science</i> , 2013, 128, 3010-3018.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Biofillers Improved Compression Modulus of Extruded PLA Foams. Sustainability, 2022, 14, 5521.	1.6	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.	3.0	4
21	Thermal-initiated hydroxyethyl methacrylate functionalization of multiwalled carbon nanotubes. Journal of Applied Polymer Science, 2011, 121, 964-969.	1.3	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.	2.4	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.	1.2	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.	1.7	3
25	Biobased superhydrophobic coating enabled by nanoparticle assembly. Nanoscale Advances, 2021, 3, 4037-4047.	2.2	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.	0.5	2