

Julie P Harmon

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Characterization of PA12 specimens fabricated by projection sintering at various sintering parameters. <i>Polymer Engineering and Science</i> , 2021, 61, 221-233.	1.5	5
2	Synthesis and characterization of novel laccol based polyurethanes. <i>Polymer Engineering and Science</i> , 2021, 61, 680-692.	1.5	1
3	Environmentally Friendly Radiation Hard Limonene and Laccol Copolymers Synthesized via Cationic Copolymerization. <i>Polymer Engineering and Science</i> , 2020, 60, 607-618.	1.5	4
4	Thermomechanical characterization of thermoplastic polyimides containing 4,4'-methylenebis(2,6-dimethylaniline) and polyetherdiamines. <i>Polymer Engineering and Science</i> , 2019, 59, 221-232.	1.5	7
5	Thermomechanical characterization of thermoplastic polyimide-polyurea to improve the chain interaction via internal hydrogen bonds. <i>Polymer Engineering and Science</i> , 2019, 59, 1948-1959.	1.5	4
6	Thermomechanical characterization of thermoplastic polyimide to improve the chain interaction via crystalline domains. <i>Polymer Engineering and Science</i> , 2019, 59, 1919-1932.	1.5	2
7	Thermomechanical characterization of thermoplastic polyimides to improve the chain collaboration via ureidopyrimidone endcaps. <i>Polymer Engineering and Science</i> , 2019, 59, 2231-2246.	1.5	2
8	Synthesizing radiation-hard polymer and copolymers using laccol monomers extracted from lacquer tree toxicodendron succedanea via cationic polymerization. <i>Polymer Engineering and Science</i> , 2019, 59, 1611-1623.	1.5	9
9	Ultrasoft polycarbonate polyurethane nanofibers made by electrospinning: Fabrication and characterization. <i>Polymer Engineering and Science</i> , 2019, 59, 838-845.	1.5	17
10	Acetone absorption in UV irradiated polycarbonate. <i>Polymer Engineering and Science</i> , 2018, 58, 1174-1183.	1.5	1
11	Thermal and mechanical properties of single-walled and multi-walled carbon nanotube polycarbonate polyurethane composites with a focus on self-healing. <i>International Journal of Materials Research</i> , 2016, 107, 692-702.	0.1	4
12	Hardness Evolution of Gamma-Irradiated Polyoxymethylene. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 5876-5881.	1.1	0
13	Zero-periodic metal-organic material, organic polymer composites: tuning properties of methacrylate polymers via dispersion of dodecyloxy-decorated Cu-BDC nanoballs. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13215-13225.	5.2	7
14	Isothermal crystallization kinetics of syndiotactic polystyrene exposed to gamma radiation in vacuum. <i>Journal of Materials Research</i> , 2015, 30, 592-601.	1.2	2
15	Synthesis and characterization of an ultra-soft poly(carbonate urethane). <i>European Polymer Journal</i> , 2015, 71, 510-522.	2.6	26
16	Processing and Performance of Polymeric Transparent Conductive Composites. <i>International Journal of Polymer Science</i> , 2013, 2013, 1-13.	1.2	2
17	Kinetics of hardness evolution during annealing of gamma-irradiated polycarbonate. <i>Journal of Applied Physics</i> , 2012, 112, .	1.1	6
18	Poly(methyl methacrylate) composites of copper-4,4'-trimethylenedipyridine. <i>New Journal of Chemistry</i> , 2012, 36, 1449.	1.4	5

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19	Symbiosis of zeolite-like metal-organic frameworks (rho-ZMOF) and hydrogels: Composites for controlled drug release. <i>Journal of Materials Chemistry</i> , 2011, 21, 9587.	6.7	70
20	Thermal analysis of novel underfill materials with optimum processing characteristics. <i>Journal of Applied Polymer Science</i> , 2005, 98, 1300-1307.	1.3	18
21	Characterizations of enriched metallic single-walled carbon nanotubes in polymer composite. <i>Materials Research Society Symposia Proceedings</i> , 2004, 856, BB4.10.1.	0.1	0
22	Investigation of Mechanical Integrity and its effect on Polishing for Novel Polyurethane Polishing Pad. <i>Materials Research Society Symposia Proceedings</i> , 2004, 816, 471.	0.1	1
23	Evolution of Surface Morphology in 2-Hydroxyethyl Methacrylate Copolymer Exposed to $\hat{\text{I}}^3$ Radiation. <i>Macromolecules</i> , 2003, 36, 5683-5688.	2.2	9
24	Thermally-induced Crack Healing in Poly(Methyl Methacrylate). <i>Journal of Materials Research</i> , 2002, 17, 1335-1340.	1.2	11
25	Polymers for Optical Fibers and Waveguides: An Overview. <i>ACS Symposium Series</i> , 2001, , 1-23.	0.5	9
26	Molecular relaxations in ester-terminated, amide-based dendrimers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999, 37, 2025-2038.	2.4	33
27	Dipole-Dipole Interactions in Controlled-Refractive-Index Polymers. <i>ACS Symposium Series</i> , 1997, , 79-97.	0.5	9
28	An empirical correlation between glass transition temperatures and structural parameters for polymers with linear and branched alkyl substituents. <i>Journal of Applied Polymer Science</i> , 1997, 64, 507-517.	1.3	21
29	Effects of Ionizing Radiation on the Optical Properties of Polymers. <i>ACS Symposium Series</i> , 1996, , 302-312.	0.5	4