

Dagmar Svobodova

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

352
citations

687363

13
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

430
citing authors

#	ARTICLE	IF	CITATIONS
1	Elastic properties of polypropylene/ethylene-octene copolymer blends. <i>Polymer Testing</i> , 2010, 29, 742-748.	4.8	41
2	Crystallization kinetics of polypropylene/ethylene-octene copolymer blends. <i>Polymer Testing</i> , 2009, 28, 215-222.	4.8	33
3	A comparative study on the electrical, thermal and mechanical properties of ethylene-octene copolymer based composites with carbon fillers. <i>Materials & Design</i> , 2014, 60, 458-467.	5.1	32
4	Influence of biodegradation on crystallization of poly (butylene adipate-co-terephthalate). <i>Polymers for Advanced Technologies</i> , 2019, 30, 552-562.	3.2	26
5	Electron beam crosslinking of ethylene-octene copolymers. <i>Polymer</i> , 2015, 81, 119-128.	3.8	25
6	Transmission electron microscopy study of phase morphology in polypropylene/ethylene-octene copolymer blends. <i>European Polymer Journal</i> , 2009, 45, 1485-1492.	5.4	24
7	Competition of phase dissolution and crystallization in poly(μ -caprolactone)/poly(styrene-co-acrylonitrile) blend. <i>European Polymer Journal</i> , 2008, 44, 329-341.	5.4	22
8	Effect of octene content on peroxide crosslinking of ethylene-octene copolymers. <i>Polymer International</i> , 2013, 62, 184-189.	3.1	21
9	A study on electrical and thermal conductivities of ethylene-octene copolymer/expandable graphite composites. <i>Polymer Engineering and Science</i> , 2012, 52, 1241-1249.	3.1	20
10	Study on the influence of electron beam irradiation on the thermal, mechanical, and rheological properties of ethylene-octene copolymer with high comonomer content. <i>Journal of Applied Polymer Science</i> , 2013, 128, 3026-3033.	2.6	17
11	Cross-linking of ethylene-octene copolymer (EOC) by dicumyl peroxide (DCP). <i>Journal of Applied Polymer Science</i> , 2011, 121, 521-530.	2.6	15
12	Phase separation and phase dissolution in poly(μ -caprolactone)/poly(styrene-co-acrylonitrile) blend. <i>European Polymer Journal</i> , 2009, 45, 2434-2442.	5.4	14
13	Isothermal crystallization in polypropylene/ethylene-octene copolymer blends. <i>Materials Chemistry and Physics</i> , 2011, 131, 84-93.	4.0	14
14	Study of crystallization behaviour of electron beam irradiated polypropylene and high-density polyethylene. <i>Royal Society Open Science</i> , 2021, 8, 202250.	2.4	13
15	Cross-linking kinetics study and high temperature mechanical properties of ethylene-octene copolymer (EOC)/dicumylperoxide(DCP) system. <i>European Polymer Journal</i> , 2011, , .	5.4	10
16	Influence of branching density on the cross-linkability of ethylene-octene copolymers. <i>Polymer Journal</i> , 2013, 45, 651-658.	2.7	7
17	Influence of supercritical CO ₂ and initial melting temperature on crystallization of polypropylene/organoclay nanocomposite. <i>Polymer Testing</i> , 2012, 31, 444-454.	4.8	6
18	Influence of Electron Beam Irradiation on High-Temperature Mechanical Properties of Ethylene Vinyl Acetate/Carbon Fibers Composites. <i>Journal of Vinyl and Additive Technology</i> , 2020, 26, 325-335.	3.4	6

#	ARTICLE	IF	CITATIONS
19	Creep and Dynamic Mechanical Analysis Studies of Peroxideâ€Crosslinked Ethyleneâ€Octene Copolymer. Macromolecular Materials and Engineering, 2012, 297, 761-767.	3.6	4
20	Effect of initial melting temperature on crystallization of polypropylene/organoclay nanocomposites. Macromolecular Research, 2012, 20, 659-666.	2.4	2