

# 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	Study of crystallization behaviour of electron beam irradiated polypropylene and high-density polyethylene. Royal Society Open Science, 2021, 8, 202250.	2.4	13
2	Influence of Electron Beam Irradiation on High-Temperature Mechanical Properties of Ethylene Vinyl Acetate/Carbon Fibers Composites. Journal of Vinyl and Additive Technology, 2020, 26, 325-335.	3.4	6
3	Influence of biodegradation on crystallization of poly (butylene adipate-co-terephthalate). Polymers for Advanced Technologies, 2019, 30, 552-562.	3.2	26
4	Electron beam crosslinking of ethylene-octene copolymers. Polymer, 2015, 81, 119-128.	3.8	25
5	A comparative study on the electrical, thermal and mechanical properties of ethylene-octene copolymer based composites with carbon fillers. Materials & Design, 2014, 60, 458-467.	5.1	32
6	Effect of octene content on peroxide crosslinking of ethylene-octene copolymers. Polymer International, 2013, 62, 184-189.	3.1	21
7	Influence of branching density on the cross-linkability of ethylene-octene copolymers. Polymer Journal, 2013, 45, 651-658.	2.7	7
8	Study on the influence of electron beam irradiation on the thermal, mechanical, and rheological properties of ethylene-octene copolymer with high comonomer content. Journal of Applied Polymer Science, 2013, 128, 3026-3033.	2.6	17
9	Creep and Dynamic Mechanical Analysis Studies of Peroxide-Crosslinked Ethylene-Octene Copolymer. Macromolecular Materials and Engineering, 2012, 297, 761-767.	3.6	4
10	A study on electrical and thermal conductivities of ethylene-octene copolymer/expandable graphite composites. Polymer Engineering and Science, 2012, 52, 1241-1249.	3.1	20
11	Effect of initial melting temperature on crystallization of polypropylene/organoclay nanocomposites. Macromolecular Research, 2012, 20, 659-666.	2.4	2
12	Influence of supercritical CO <sub>2</sub> and initial melting temperature on crystallization of polypropylene/organoclay nanocomposite. Polymer Testing, 2012, 31, 444-454.	4.8	6
13	Isothermal crystallization in polypropylene/ethylene-octene copolymer blends. Materials Chemistry and Physics, 2011, 131, 84-93.	4.0	14
14	Cross-linking kinetics study and high temperature mechanical properties of ethylene-octene copolymer (EOC)/dicumylperoxide(DCP) system. European Polymer Journal, 2011, , .	5.4	10
15	Cross-linking of ethylene-octene copolymer (EOC) by dicumyl peroxide (DCP). Journal of Applied Polymer Science, 2011, 121, 521-530.	2.6	15
16	Elastic properties of polypropylene/ethylene-octene copolymer blends. Polymer Testing, 2010, 29, 742-748.	4.8	41
17	Transmission electron microscopy study of phase morphology in polypropylene/ethylene-octene copolymer blends. European Polymer Journal, 2009, 45, 1485-1492.	5.4	24
18	Crystallization kinetics of polypropylene/ethylene-octene copolymer blends. Polymer Testing, 2009, 28, 215-222.	4.8	33

#	ARTICLE	IF	CITATIONS
19	Phase separation and phase dissolution in poly( $\epsilon$ -caprolactone)/poly(styrene-co-acrylonitrile) blend. European Polymer Journal, 2009, 45, 2434-2442.	5.4	14
20	Competition of phase dissolution and crystallization in poly( $\epsilon$ -caprolactone)/poly(styrene-co-acrylonitrile) blend. European Polymer Journal, 2008, 44, 329-341.	5.4	22