

# Jalil Morshedian

## List of Publications by Year in descending order

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16  
papers

184  
citations

1307594

7  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

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times ranked

214  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the silane grafting of polyethylene on the morphology, barrier, thermal, and rheological properties of high-density polyethylene/organoclay nanocomposites. <i>Journal of Applied Polymer Science</i> , 2012, 125, E305.	2.6	35
2	Preparation of Silane-Grafted and Moisture Cross-Linked Low Density Polyethylene: Part I: Factors Affecting Performance of Grafting and Cross-Linking. <i>Polymer-Plastics Technology and Engineering</i> , 2006, 45, 979-983.	1.9	29
3	Preparation of Silane-Grafted and Moisture Crosslinked Low Density Polyethylene. Part II: Electrical, Thermal and Mechanical Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2007, 46, 305-310.	1.9	25
4	Silane grafting and moisture crosslinking of polyethylene: The effect of molecular structure. <i>Journal of Vinyl and Additive Technology</i> , 2009, 15, 184-190.	3.4	18
5	Effect of organoclay and silane grafting of polyethylene on morphology, barrierity, and rheological properties of HDPE/PA6 blends. <i>Journal of Applied Polymer Science</i> , 2013, 127, 1211-1220.	2.6	17
6	Radiation attenuation capability and flow characteristics of HDPE composite loaded with W, MoS <sub>2</sub> , and B <sub>4</sub> C. <i>Polymer Composites</i> , 2019, 40, 149-158.	4.6	17
7	A new approach to increase toughness of synthesized PP/EPR in-reactor blends by introducing a copolymerization step under low ethylene concentration. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	12
8	Correlation of crystal alignment with interphase content in oriented high density polyethylene cast films. <i>CrystEngComm</i> , 2016, 18, 2337-2346.	2.6	8
9	Compatibilization and properties of SAN/EPDM blends with the addition of coagents. <i>Journal of Applied Polymer Science</i> , 2008, 110, 753-760.	2.6	6
10	Phase morphology and thermomechanical analysis of poly(styrene-co-acrylonitrile)/ethylene-propylene diene monomer blends: Uncompatibilized and reactively compatibilized blends with two mixing sequences. <i>Journal of Applied Polymer Science</i> , 2011, 119, 1417-1425.	2.6	5
11	Tailoring of thermal and mechanical properties of hollow glass bead-filled polypropylene porous Films via stretching ratio and filler content. <i>Polymer Composites</i> , 2019, 40, 2938-2945.	4.6	5
12	Comparing effects of two tri-block copolymers on morphology, thermal, mechanical and rheological properties of polystyrene/low density polyethylene blends. <i>Materials Research Express</i> , 2018, 5, 085305.	1.6	2
13	Effects of Nano-SiC on Silane Grafting and Curing of Polyolefin Elastomer: Mixing Order, Physical, and Mechanical Properties. <i>Journal of Vinyl and Additive Technology</i> , 2020, 26, 244-252.	3.4	2
14	Rheological characterization of polypropylene/poly(ethylene-co-propylene) in-reactor blends synthesized under different polymerization conditions. <i>Polymer Bulletin</i> , 2017, 74, 1045-1060.	3.3	1
15	Effect of chlorinated polyethylene on dynamic mechanical and thermal properties of SAN/EPDM blends in dependence of mixing conditions. <i>Journal of Elastomers and Plastics</i> , 2018, 50, 204-221.	1.5	1
16	Elaboration of porosity for the alumina particle surfaces/ bimodal PP composite cast films under continuous stretching. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50842.	2.6	1