Wenfei Li

List of Publications by Year
in descending order

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22 papers	135 citations	1307594 7 h-index	1372567 10 g-index
22 all docs	22 docs citations	22 times ranked	137 citing authors

#	Article	IF	Citations
1	The Balanced Insulating Performance and Mechanical Property of PP by Introducing PP-g-PS Graft Copolymer and SEBS Elastomer. Industrial & Engineering Chemistry Research, 2018, 57, 6696-6704.	3.7	23
2	The influence of nanoâ€PS particle on structure evolution and electrical properties of PP/PS. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 706-717.	2.1	13
3	Effective Strategy for Improving the Dielectric Strength and Insulation Lifetime of LLDPE. Industrial & Engineering Chemistry Research, 2019, 58, 9372-9379.	3.7	12
4	Polyethylene Grafted Polyether Pentaerythritol Mono-Maleate to Improve Wettability of Liquid on Polyethylene Films. Polymer-Plastics Technology and Engineering, 2013, 52, 603-606.	1.9	11
5	Synthesis and Characterization of Linear Low Density Polyethylene Grafted Glycerol Monolauric Acid Monoitaconic Acid Diester. Polymer-Plastics Technology and Engineering, 2012, 51, 620-625.	1.9	10
6	Electrical Properties of LLDPE/LLDPE-g-PS Blends with Carboxylic Acid Functional Groups for Cable Insulation Applications. ACS Applied Polymer Materials, 2020, 2, 3450-3457.	4.4	9
7	Preparation, Characterization, and Properties of Pre-irradiated Linear Low-Density Polyethylene Grafted Itaconic Anhydride by Reactive Extrusion. Journal of Macromolecular Science - Physics, 2010, 49, 75-85.	1.0	8
8	Large Area, Highly Transparent, and Mechanically Stable Adhesive Films with Tunable Refractive Indices. Macromolecular Chemistry and Physics, 2018, 219, 1700608.	2.2	8
9	Long-lasting intrinsic polyethylene antifogging films generated by incorporating SiO₂ nanoparticles into covalently grafted antifog agents. Journal of Macromolecular Science - Pure and Applied Chemistry, 2020, 57, 826-836.	2.2	7
10	Effect of pre-irradiation PPO-grafted maleic anhydride on structure and properties of PPO-g-MAH/PA66 blends. Radiation Effects and Defects in Solids, 2014, 169, 344-352.	1.2	6
11	Effects of UHMWPE-g-AMPS on the Morphology, Structure and Mechanical Properties of PA1010/UHMWPE Blends. Polymer-Plastics Technology and Engineering, 2013, 52, 1338-1342.	1.9	5
12	Improving light converting properties with wettability of polyethylene film by rare earth complex Eu(GI)₃Phen. Polymer-Plastics Technology and Materials, 2020, 59, 1875-1886.	1.3	4
13	Tribological, Mechanical Properties, and Morphology of Polyphenylene Oxide/Ultrahigh Molecular Weight Polyethylene Blends. Polymer-Plastics Technology and Engineering, 2017, 56, 535-542.	1.9	3
14	Synthesis of a dripping agent based on lauric acid diethanolamide and delaying its migration in LLDPE films. Polymer-Plastics Technology and Materials, 2020, 59, 1100-1108.	1.3	3
15	Improving the properties of ABS by blending with PP and using PP-g-PS as a compatibilizer. Polymer-Plastics Technology and Materials, 2021, 60, 798-806.	1.3	3
16	Preparation, Characterization and Properties of Reactive Type Dripping Agent Tween 60-IAH and Their Grafting Copolymer With Linear Low Density Polyethylene. Journal of Macromolecular Science - Pure and Applied Chemistry, 2015, 52, 492-497.	2.2	2
17	Pre-irradiation grafting of span 60-IAH onto polyethylene to improve dripping properties of water on polyethylene films. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 47-51.	2.2	2
18	Homogeneous nanofillers for enhanced mechanical connection and improved refractive index: application for optical bonding. Journal of Adhesion, 2021, 97, 634-650.	3.0	2

#	Article	IF	Citations
19	Effective strategy for improving electrical properties of polyethylene insulating materials by doping graphene. Journal of Materials Science, 2022, 57, 5036-5049.	3.7	2
20	Preparation and properties of LLDPE/LLDPE-g-PS/MgO@PS Nanocomposites. Polymer-Plastics Technology and Materials, 0, , 1-9.	1.3	1
21	An effective method for delayed migration of dripping agent from linear lowâ€density polyethylene films. Polymers for Advanced Technologies, 2021, 32, 1560-1567.	3.2	1
22	Preparation and Characterization of Melt Grafting 2-acrylamido-2-methyl-1-propanesulfonic Acid onto Pre-Irradiated Linear Low Density Polyethylene. Journal of Macromolecular Science - Pure and Applied Chemistry, 2009, 46, 625-630.	2.2	0