Shuangjun Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6780101/publications.pdf

Version: 2024-02-01

53 papers	1,045 citations	331670 21 h-index	477307 29 g-index
54 all docs	54 docs citations	54 times ranked	1161 citing authors

#	Article	IF	Citations
1	Glycolysis of poly(ethylene terephthalate) waste catalyzed by mixed Lewis acidic ionic liquids. Journal of Thermal Analysis and Calorimetry, 2021, 143, 3489-3497.	3.6	31
2	Sub-10 nm Feature Sizes of Disordered Polystyrene-block-poly(methyl methacrylate) Copolymer Films Achieved by Ionic Liquid Additives with Selectively Distributed Charge Interactions. ACS Applied Polymer Materials, 2020, 2, 427-436.	4.4	10
3	Reversible polystyrene-block-poly(methyl methacrylate) copolymer films with perpendicular orientation by ultra-thin polystyrene substrates. Progress in Organic Coatings, 2020, 147, 105721.	3.9	2
4	Improving flame retardancy and mechanical properties of halogen-free unsaturated polyester resin with diethylene glycol as comonomer. Journal of Thermal Analysis and Calorimetry, 2019, 135, 2171-2181.	3.6	5
5	A multifunctional cool material with contamination-resistant and anti-icing characters based on the application of fluorinated TiO2. Solar Energy Materials and Solar Cells, 2019, 201, 110091.	6.2	10
6	Fluorine modification on titanium dioxide particles: Improving the anti-icing performance through a very hydrophobic surface. Applied Surface Science, 2019, 476, 161-173.	6.1	26
7	Pyrene-based bisboronic sensors for multichannel enantioselective recognition of tartaric acid. Dyes and Pigments, 2019, 163, 227-231.	3.7	11
8	Effect of ionic liquid on crystallization kinetics and crystal form transition of poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	3.6	13
9	Confined crystallization kinetics and scale of semicrystalline block copolymer via non-isothermal method. Journal of Thermal Analysis and Calorimetry, 2017, 127, 2341-2351.	3.6	6
10	Crystallization behaviors of poly(vinylidene fluoride) and poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (methacrylate)-block Calorimetry, 2016, 125, 215-230.	3.6	13
11	Effects of ï£¿CH₂CH₂CF₃ on properties of RTV polysiloxane rubber: Processability, thermal stability, and oil/solvent resistance. Journal of Applied Polymer Science, 2014, 131, .	2.6	7
12	Preparation and properties of polydimethylsiloxaneâ€•mica composites. Journal of Applied Polymer Science, 2013, 127, 3017-3025.	2.6	13
13	Effect of UV absorbers and hindered amine light stabilizers on the photodegradation of ethyleneâ€“octene copolymer. Journal of Applied Polymer Science, 2013, 127, 1135-1147.	2.6	13
14	Effect of PPEGMA content on the structure and hydrophilicity of PVDF/PPEGMA blends prepared by in situ polymerization. Colloid and Polymer Science, 2013, 291, 1573-1580.	2.1	8
15	Characterization, Solar Reflectance, and Crystal Properties of Polyethylene and Ethylene Copolymer after Thermal Treatment. International Journal of Polymer Analysis and Characterization, 2013, 18, 257-268.	1.9	7
16	Blends of poly(vinyl chloride) with Î±â€•methylstyreneâ€•acrylonitrileâ€•butadieneâ€•styrene copolymer: Thermal properties, mechanical properties, and morphology. Journal of Vinyl and Additive Technology, 2013, 19, 1-10.	3.4	21
17	Properties of LDPE/POE-g-MA Composites Containing Multiwall Carbon Nanotubes Modified by Fumed Silicon Dioxide. Polymer-Plastics Technology and Engineering, 2012, 51, 277-282.	1.9	1
18	A Study on Properties of Poly(vinyl chloride)/Poly(Î±-methylstyrene-acrylonitrile) Binary Blends. Journal of Macromolecular Science - Physics, 2012, 51, 22-34.	1.0	15

#	Article	IF	Citations
19	Synthesis and characterization of vinyl-terminated copolysiloxanes containing 3,3,3-trifluoropropyl groups. Polymer Chemistry, 2012, 3, 2366.	3.9	34
20	RTV Silicone Rubber Filled with Surface Modified Montmorillonite. Journal of Macromolecular Science - Physics, 2012, 51, 2449-2461.	1.0	12
21	Crystallization behavior and hydrophilicity of poly(vinylidene fluoride)/poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662	3.1	27
22	Poly (vinyl chloride)/poly (Î±â€methylstyreneâ€“acrylonitrile)/acrylic resin ternary blends with enhanced toughness and heat resistance. Polymers for Advanced Technologies, 2012, 23, 336-342.	3.2	16
23	Combined effect of hindered amine light stabilizer and ultraviolet absorbers on photodegradation of poly(vinyl chloride). Journal of Vinyl and Additive Technology, 2012, 18, 17-25.	3.4	16
24	Synergistic effect of hindered amine light stabilizers/ultraviolet absorbers on the plasticized PVC during photoâ€irradiation. Journal of Applied Polymer Science, 2012, 125, 3376-3384.	2.6	13
25	Effect of coreâ€“shell structured modifier ACR on ASA/SAN/ACR ternary blends. Journal of Materials Science, 2012, 47, 5041-5049.	3.7	20
26	Hydrophilicity and crystallization behavior of PVDF/PMMA/TiO2(SiO2) composites prepared by in situ polymerization. Journal of Polymer Research, 2012, 19, 1.	2.4	25
27	Crystallization behavior of PVDF/PMMA blends prepared by in situ polymerization from DMF and ethanol. Journal of Materials Science, 2012, 47, 3720-3728.	3.7	23
28	Improvement in the heat resistance of poly(vinyl chloride) profile with styrenic polymers. Journal of Vinyl and Additive Technology, 2011, 17, 85-91.	3.4	23
29	Preparation and characterization of ethylene-butene copolymer (EBC)/mica composites. Journal of Polymer Research, 2011, 18, 2403-2413.	2.4	3
30	Non-isothermal crystallization behaviors of poly(4-methyl-pentene-1). Journal of Thermal Analysis and Calorimetry, 2011, 103, 229-236.	3.6	30
31	Photodegradation of plasticized poly(vinyl chloride) stabilized by different types of thermal stabilizers. Polymer Engineering and Science, 2011, 51, 624-631.	3.1	22
32	Effect of hot air aging on properties of EPDM/SmBO₃/EVA and EPDM/ATO/EVA composites. Journal of Applied Polymer Science, 2011, 122, 3277-3289.	2.6	11
33	Crystallization of PVDF in the PVDF/PMMA blends precipitated from their non-solvents: Special â€œorientationâ€behavior, morphology, and thermal properties. Journal of Crystal Growth, 2011, 328, 74-80.	1.5	48
34	Properties and crystallization behavior of poly (vinylidene fluoride) (PVDF)/thermoplastic polyurethane elastomer (TPU) blends. Desalination and Water Treatment, 2011, 34, 184-189.	1.0	10
35	Hydrophilic modification of poly(vinylidene fluoride) (PVDF) by in situ polymerization of methyl methacrylate (MMA) monomer. Colloid and Polymer Science, 2010, 288, 1327-1332.	2.1	33
36	Investigation of UV aging influences on the crystallization of ethylene-vinyl acetate copolymer via successive self-nucleation and annealing treatment. Journal of Polymer Research, 2010, 17, 827-836.	2.4	40

#	Article	IF	Citations
37	Non-isothermal melt crystallization kinetics for ethyleneâ€“acrylic acid copolymer in diluents via thermally induced phase separation. Journal of Thermal Analysis and Calorimetry, 2010, 101, 243-254.	3.6	14
38	Combined effect of VA content and pH level of filler on properties of EPDM/SmBO₃ and EPDM/ATO composites reinforced by three types of EVA. Journal of Applied Polymer Science, 2010, 117, 1741-1749.	2.6	3
39	Controlled crystallization of poly(vinylidene fluoride) chains from mixed solvents composed of its good solvent and nonsolvent. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 575-581.	2.1	42
40	Effect of relatively nontoxic thermal stabilizers on photodegradation of poly(vinyl chloride). Polymer Engineering and Science, 2010, 50, 1095-1104.	3.1	15
41	Effect of the combination of a benzophenoneâ€type ultraviolet absorber with thermal stabilizers on the photodegradation of poly(vinyl chloride). Journal of Vinyl and Additive Technology, 2010, 16, 23-32.	3.4	18
42	Effect of the combination of a benzotriazoleâ€type ultraviolet absorber with thermal stabilizers on the photodegradation of poly(vinyl chloride). Journal of Vinyl and Additive Technology, 2010, 16, 175-182.	3.4	5
43	Kinetics of Thermally Induced Phase Separation in the PVDF Blend/Methyl Salicylate System and Its Effect on Membrane Structures. Journal of Macromolecular Science - Physics, 2010, 50, 1-15.	1.0	29
44	Membrane formation of poly(vinylidene fluoride)/poly(methyl methacrylate)/diluents via thermally induced phase separation. Journal of Applied Polymer Science, 2009, 111, 1235-1245.	2.6	22
45	Effect of hot air aging on the properties of ethyleneâ€vinyl acetate copolymer and ethyleneâ€acrylic acid copolymer blends. Journal of Applied Polymer Science, 2009, 112, 1166-1174.	2.6	15
46	Multiple melting and partial miscibility of ethyleneâ€vinyl acetate copolymer/low density polyethylene blends. Journal of Applied Polymer Science, 2009, 113, 2863-2871.	2.6	29
47	Effect of dampâ€heat aging on the properties of ethyleneâ€vinyl acetate copolymer and ethyleneâ€acrylic acid copolymer blends. Journal of Applied Polymer Science, 2009, 114, 3110-3117.	2.6	23
48	Crystallization behavior and hydrophilicity of poly(vinylidene fluoride) (PVDF)/poly(methylmethacrylate) (PMMA)/poly(styrene-co-acrylonitrile) (SAN) ternary blends. Colloid and Polymer Science, 2009, 287, 147-155.	2.1	17
49	Surface treatment of LLDPE and LDPE blends by nitric acid, sulfuric acid, and chromic acid etching. Colloid and Polymer Science, 2009, 287, 541-548.	2.1	43
50	Non-isothermal crystallization kinetics and melting behavior of EAA with different acrylic acid content. Journal of Thermal Analysis and Calorimetry, 2009, 97, 959-967.	3.6	22
51	Morphology and crystallization behavior of poly(vinylidene fluoride)/poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 T Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 248-260.	2.1	11
52	Crystallization behavior and hydrophilicity of poly (vinylidene fluoride) (PVDF)/poly (styrene-co-acrylonitrile) (SAN) blends. Colloid and Polymer Science, 2008, 286, 1193-1202.	2.1	35
53	Crystalline Phase Formation of Poly(vinylidene fluoride) from Tetrahydrofuran/N,Nâ€dimethylformamide Mixed Solutions. Journal of Macromolecular Science - Physics, 2008, 47, 434-449.	1.0	84