Xuejun Lai

List of Publications by Year
in descending order

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147 papers	5,651 citations	66234 42 h-index	98622 67 g-index
147 all docs	147 docs citations	147 times ranked	4206 citing authors

#	Article	IF	Citations
1	Superwettable Janus nylon membrane for multifunctional emulsion separation. Journal of Membrane Science, 2022, 642, 119995.	4.1	37
2	Conductive and room-temperature self-healable polydimethylsiloxane-based elastomer film with ridge-like microstructure for piezoresistive pressure sensor. Chemical Engineering Journal, 2022, 430, 133103.	6.6	41
3	Facile fabrication of superhydrophobic, flame-retardant and conductive cotton fabric for human motion detection. Cellulose, 2022, 29, 605-617.	2.4	19
4	Superhydrophobic MXene based fabric composite for high efficiency solar desalination. Desalination, 2022, 524, 115475.	4.0	90
5	Graphene wrapped wood-based phase change composite for efficient electro-thermal energy conversion and storage. Cellulose, 2022, 29, 223-232.	2.4	8
6	Mechanically robust and multifunctional polyimide/MXene composite aerogel for smart fire protection. Chemical Engineering Journal, 2022, 434, 134630.	6.6	48
7	Superhydrophobic, flame-retardant and magnetic polyurethane sponge for oil-water separation. Journal of Environmental Chemical Engineering, 2022, 10, 107580.	3.3	18
8	Skin-inspired flexible and high-performance MXene@polydimethylsiloxane piezoresistive pressure sensor for human motion detection. Journal of Colloid and Interface Science, 2022, 617, 478-488.	5.0	66
9	Fabrication of conductive and superhydrophobic poly(lactic acid) nonwoven fabric for human motion detection. Journal of Applied Polymer Science, 2022, 139, .	1.3	5
10	Skin-inspired multifunctional MXene/cellulose nanocoating for smart and efficient fire protection. Chemical Engineering Journal, 2022, 446, 136899.	6.6	31
11	Wearable RGO/MXene Piezoresistive Pressure Sensors with Hierarchical Microspines for Detecting Human Motion. ACS Applied Materials & Interfaces, 2022, 14, 27262-27273.	4.0	23
12	Synthesis and application of adhesion promoter containing phenolic hydroxyl/acrylate groups for addition-cure liquid silicone rubber. International Journal of Adhesion and Adhesives, 2022, 118, 103220.	1.4	5
13	Synergistically catalyzing ceramization of silicone rubber by boron oxide and platinum-nitrogen system. Journal of Non-Crystalline Solids, 2022, 593, 121765.	1.5	2
14	Degradable and stretchable bio-based strain sensor for human motion detection. Journal of Colloid and Interface Science, 2022, 626, 554-563.	5.0	16
15	Superhydrophobic and breathable smart MXene-based textile for multifunctional wearable sensing electronics. Chemical Engineering Journal, 2021, 406, 126898.	6.6	304
16	Superhydrophobic reduced graphene oxide@poly(lactic acid) foam with electrothermal effect for fast separation of viscous crude oil. Journal of Materials Science, 2021, 56, 11266-11277.	1.7	22
17	Synthesis of a novel N â€alkoxyamine containing macromolecular intumescent flame retardant and its synergism in flameâ€retarding polypropylene. Polymers for Advanced Technologies, 2021, 32, 2452-2464.	1.6	12
18	Facile fabrication of superhydrophobic, flame-retardant and conductive polyurethane sponge via dip-coating. Materials Letters, 2021, 287, 129307.	1.3	11

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19	Nâ€alkoxyamineâ€containing macromolecular intumescent flameâ€retardantâ€decorated ZrP nanosheet and their synergism in flameâ€retarding polypropylene. Polymers for Advanced Technologies, 2021, 32, 3804-3816.	1.6	9
20	Multifunctional MXene/Chitosan-Coated Cotton Fabric for Intelligent Fire Protection. ACS Applied Materials & Interfaces, 2021, 13, 23020-23029.	4.0	102
21	Superhydrophobic and conductive polydimethylsiloxane/titanium dioxide@reduced graphene oxide coated cotton fabric for human motion detection. Cellulose, 2021, 28, 7373-7388.	2.4	12
22	Remarkable enhancement of tracking resistance of addition-cure liquid silicone rubber by alkyl-disubstituted ureido siloxane immobilized on the silica filler surface. Polymer Degradation and Stability, 2021, 188, 109565.	2.7	6
23	Significantly improve fire safety of silicone rubber by efficiently catalyzing ceramization on fluorophlogopite. Composites Communications, 2021, 25, 100683.	3.3	12
24	Light Stimuli-Responsive Superhydrophobic Films for Electric Switches and Water-Droplet Manipulation. ACS Applied Materials & Interfaces, 2021, 13, 36621-36631.	4.0	23
25	Superhydrophobic and phosphorusâ€nitrogen flame-retardant cotton fabric. Progress in Organic Coatings, 2021, 159, 106446.	1.9	16
26	Skin-inspired thermoelectric nanocoating for temperature sensing and fire safety. Journal of Colloid and Interface Science, 2021, 602, 756-766.	5.0	29
27	Superhydrophobic and high-performance wood-based piezoresistive pressure sensors for detecting human motions. Chemical Engineering Journal, 2021, 426, 130837.	6.6	35
28	Superhydrophobic MXene@carboxylated carbon nanotubes/carboxymethyl chitosan aerogel for piezoresistive pressure sensor. Chemical Engineering Journal, 2021, 425, 130462.	6.6	87
29	A sandwich-like flame retardant nanocoating for supersensitive fire-warning. Chemical Engineering Journal, 2020, 382, 122929.	6.6	52
30	Conductive and superhydrophobic F-rGO@CNTs/chitosan aerogel for piezoresistive pressure sensor. Chemical Engineering Journal, 2020, 386, 123998.	6.6	125
31	Highly hydrophobic F-rGO@wood sponge for efficient clean-up of viscous crude oil. Chemical Engineering Journal, 2020, 386, 123994.	6.6	125
32	Remarkable improvement of organic-to-inorganic conversion of silicone rubber at elevated temperature through platinum-nitrogen catalytic system. Polymer Degradation and Stability, 2020, 171, 109026.	2.7	16
33	Functionalized ZrP nanosheet with freeâ€radical quenching capability and its synergism in intumescent flameâ€retardant polypropylene. Polymers for Advanced Technologies, 2020, 31, 602-615.	1.6	15
34	Three-Dimensional Binary-Conductive-Network Silver Nanowires@Thiolated Graphene Foam-Based Room-Temperature Self-Healable Strain Sensor for Human Motion Detection. ACS Applied Materials & Interfaces, 2020, 12, 44360-44370.	4.0	75
35	Superhydrophobic, stretchable and conductive elastomeric strip for human motion detection. Materials Letters, 2020, 280, 128591.	1.3	3
36	Facile Fabrication of Superhydrophobic and Magnetic Poly(lactic acid) Nonwoven Fabric for Oilâ€“Water Separation. Industrial & Engineering Chemistry Research, 2020, 59, 9127-9135.	1.8	36

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37	Improvement of fluorosilicone resin on the tracking resistance of addition-cure liquid silicone rubber. Journal of Macromolecular Science - Pure and Applied Chemistry, 2020, 57, 725-733.	1.2	2
38	UV-curable superhydrophobic organosilicon/silica hybrid coating on cotton fabric for oilâ€“water separation. Journal of Coatings Technology Research, 2020, 17, 1413-1423.	1.2	7
39	An ultrasensitive fire-warning chitosan/montmorillonite/carbon nanotube composite aerogel with high fire-resistance. Chemical Engineering Journal, 2020, 399, 125729.	6.6	84
40	Highly stretchable, transparent and room-temperature self-healable polydimethylsiloxane elastomer for bending sensor. Journal of Colloid and Interface Science, 2020, 570, 1-10.	5.0	64
41	Self-Derived Superhydrophobic and Multifunctional Polymer Sponge Composite with Excellent Joule Heating and Photothermal Performance for Strain/Pressure Sensors. ACS Applied Materials & Interfaces, 2020, 12, 13316-13326.	4.0	66
42	Bioinspired Superhydrophobic Thermochromic Films with Robust Healability. ACS Applied Materials & Interfaces, 2020, 12, 14578-14587.	4.0	40
43	Synergistic enhancement of vinyltriethoxysilane and layered Mgâ€“Al double hydroxide on the tracking and erosion resistance of silicone rubber. Polymer Testing, 2020, 84, 106373.	2.3	8
44	Stimuli-responsive superhydrophobic films driven by solvent vapor for electric switch and liquid manipulation. Chemical Engineering Journal, 2020, 394, 124919.	6.6	23
45	Efficient organic-to-inorganic conversion of polysiloxane by novel platinum-thiol catalytic system. Polymer Degradation and Stability, 2020, 176, 109161.	2.7	14
46	One-pot fabrication of superhydrophobic and flame-retardant coatings on cotton fabrics via sol-gel reaction. Journal of Colloid and Interface Science, 2019, 533, 198-206.	5.0	256
47	Facile fabrication of superhydrophobic conductive polydimethylsiloxane@silver nanowires cotton fabric via dipping-thermal curing method. Materials Letters, 2019, 255, 126511.	1.3	13
48	Improvement of platinum nanoparticles-immobilized Î±-zirconium phosphate sheets on tracking and erosion resistance of silicone rubber. Composites Part B: Engineering, 2019, 176, 107203.	5.9	13
49	Facile fabrication of a novel polyborosiloxane-decorated layered double hydroxide for remarkably reducing fire hazard of silicone rubber. Composites Part B: Engineering, 2019, 175, 107068.	5.9	53
50	Synthesis and characterization of ureido-containing MQ silicone resin. Journal of Macromolecular Science - Pure and Applied Chemistry, 2019, 56, 1141-1147.	1.2	2
51	Remarkable enhancement of mechanical and tribological properties of polyamide 46/polyphenylene oxide alloy by polyurethane-coated carbon fiber. High Performance Polymers, 2019, 31, 1122-1131.	0.8	5
52	Superhydrophilic, Underwater Superoleophobic, and Highly Stretchable Humidity and Chemical Vapor Sensors for Human Breath Detection. ACS Applied Materials & Interfaces, 2019, 11, 24533-24543.	4.0	70
53	Effective improvement of anti-tracking of addition-cure liquid silicone rubber via charge dissipation of fluorosilane-grafted silica. Polymer Degradation and Stability, 2019, 167, 250-258.	2.7	12
54	Conductive superhydrophobic cotton fabrics via layer-by-layer assembly of carbon nanotubes for oil-water separation and human motion detection. Materials Letters, 2019, 253, 230-233.	1.3	56

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55	Functional Nanomaterials: 3D Porous Superhydrophobic CNT/EVA Composites for Recoverable Shape Reconfiguration and Underwater Vibration Detection (Adv. Funct. Mater. 24/2019). Advanced Functional Materials, 2019, 29, 1970166.	7.8	2
56	Superhydrophobic Polydimethylsiloxane@Multiwalled Carbon Nanotubes Membrane for Effective Water-in-Oil Emulsions Separation and Quick Deicing. Industrial & Engineering Chemistry Research, 2019, 58, 8791-8799.	1.8	32
57	Carbonized cotton fabric-based multilayer piezoresistive pressure sensors. Cellulose, 2019, 26, 5001-5014.	2.4	44
58	A highly efficient flame retardant nacre-inspired nanocoating with ultrasensitive fire-warning and self-healing capabilities. Chemical Engineering Journal, 2019, 369, 8-17.	6.6	90
59	Combination effect of zirconium phosphate nanosheet and PU-coated carbon fiber on flame retardancy and thermal behavior of PA46/PPO alloy. Composites Part B: Engineering, 2019, 166, 621-632.	5.9	19
60	3D Porous Superhydrophobic CNT/EVA Composites for Recoverable Shape Reconfiguration and Underwater Vibration Detection. Advanced Functional Materials, 2019, 29, 1900554.	7.8	68
61	Plasma resistance of addition-cure liquid silicone rubber with Ureido-attached MQ silicone resin. Surfaces and Interfaces, 2019, 14, 55-60.	1.5	7
62	Investigation of ureidoâ€attached vinyl MQ silicone resin on tracking and erosion resistance of additionâ€cure liquid silicone rubber. Journal of Applied Polymer Science, 2019, 136, 47360.	1.3	8
63	In situ preparation of reduced graphene oxide reinforced acrylic rubber by selfâ€assembly. Journal of Applied Polymer Science, 2019, 136, 47187.	1.3	9
64	Mussel-inspired cotton fabric with pH-responsive superwettability for bidirectional oilâ€“water separation. Journal of Materials Science, 2019, 54, 3648-3660.	1.7	14
65	A green approach to fabricating nacre-inspired nanocoating for super-efficiently fire-safe polymers via one-step self-assembly. Journal of Hazardous Materials, 2019, 365, 125-136.	6.5	45
66	Effect and mechanism of hepta-phenyl vinyl polyhedral oligomeric silsesquioxane on the flame retardancy of silicone rubber. Polymer Degradation and Stability, 2019, 159, 163-173.	2.7	25
67	Highly Stretchable and Conductive Superhydrophobic Coating for Flexible Electronics. ACS Applied Materials & Interfaces, 2018, 10, 10587-10597.	4.0	100
68	Functionalized graphene as an effective antioxidant in natural rubber. Composites Part A: Applied Science and Manufacturing, 2018, 107, 47-54.	3.8	42
69	Dual-Functional Superhydrophobic Textiles with Asymmetric Roll-Down/Pinned States for Water Droplet Transportation and Oilâ€“Water Separation. ACS Applied Materials & Interfaces, 2018, 10, 4213-4221.	4.0	110
70	Effect of mixing sequences of Î³-piperazine propylmethyl dimethoxysilane on the tracking and erosion resistance of silicone rubber. Polymer Testing, 2018, 65, 491-496.	2.3	20
71	Preparation of functionalized zirconium phosphate and its effect on the flame retardancy of silicone rubber. RSC Advances, 2018, 8, 111-121.	1.7	28
72	Enhancement of tracking and erosion resistance of silicone rubber with platinum/amino-silane by modulation of crosslinking density. IEEE Transactions on Dielectrics and Electrical Insulation, 2018, 25, 741-748.	1.8	11

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73	Facile fabrication of superhydrophobic and flame-retardant coatings on cotton fabrics via layer-by-layer assembly. Cellulose, 2018, 25, 3135-3149.	2.4	102
74	Hindered phenol functionalized graphene oxide for natural rubber. Materials Letters, 2018, 210, 239-242.	1.3	22
75	Thermo-oxidative aging resistance and mechanism of a macromolecular hindered phenol antioxidant for natural rubber. Journal of Elastomers and Plastics, 2018, 50, 372-387.	0.7	8
76	Fabrication of ZrP nanosheet decorated macromolecular charring agent and its efficient synergism with ammonium polyphosphate in flame-retarding polypropylene. Composites Part A: Applied Science and Manufacturing, 2018, 105, 223-234.	3.8	45
77	Vapor-liquid interfacial reaction to fabricate superhydrophilic and underwater superoleophobic thiol-ene/silica hybrid decorated fabric for oil/water separation. Applied Surface Science, 2018, 427, 92-101.	3.1	38
78	Thiolated Graphene@Polyester Fabric-Based Multilayer Piezoresistive Pressure Sensors for Detecting Human Motion. ACS Applied Materials & Interfaces, 2018, 10, 41784-41792.	4.0	91
79	Remarkably improving the fire-safety of polypropylene by synergism of functionalized ZrP nanosheet and N-alkoxy hindered amine. Applied Clay Science, 2018, 166, 61-73.	2.6	32
80	Synthesis of Zirconium-Containing Polyhedral Oligometallasilsesquioxane as an Efficient Thermal Stabilizer for Silicone Rubber. Polymers, 2018, 10, 520.	2.0	16
81	Fabrication of polymethylphenylsiloxane decorated C60 via Ï€-Ï€ stacking interaction for reducing the flammability of silicone rubber. Materials Letters, 2018, 229, 85-88.	1.3	12
82	Effect and mechanism of ureido-modified MQ silicone resin and platinum on tracking and erosion resistance of silicone rubber. Polymer Testing, 2018, 70, 162-169.	2.3	10
83	Vacuum-assisted layer-by-layer superhydrophobic carbon nanotube films with electrothermal and photothermal effects for deicing and controllable manipulation. Journal of Materials Chemistry A, 2018, 6, 16910-16919.	5.2	93
84	Significant improvement of urethane-containing silane on the tracking and erosion resistance of silicone rubber/silica nanocomposite by enhancing the interfacial effect. Polymer Testing, 2018, 69, 16-25.	2.3	25
85	Significant improvement of tribological performances of polyamide 46/polyphenylene oxide alloy by functionalized zirconium phosphate. Tribology International, 2018, 128, 204-213.	3.0	12
86	Efficiently enhancing the tracking and erosion resistance of silicone rubber by the synergism of fluorine-containing polyphenylsilsesquioxane and ureido-containing MQ silicone resin. Applied Surface Science, 2018, 459, 483-491.	3.1	22
87	Superhydrophobic mGO/PDMS hybrid coating on polyester fabric for oil/water separation. Progress in Organic Coatings, 2018, 115, 172-180.	1.9	56
88	Preparation, structural characterization, and antioxidative behavior in natural rubber of antioxidant GM functionalized nanosilica. Polymer Composites, 2017, 38, 1241-1247.	2.3	16
89	Thiolated graphene-based superhydrophobic sponges for oil-water separation. Chemical Engineering Journal, 2017, 316, 736-743.	6.6	267
90	Extraction resistance and mechanism of a macromolecular hindered phenol antioxidant in natural rubber. Journal of Applied Polymer Science, 2017, 134, .	1.3	6

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91	Synthesis of a novel hydantoin-containing silane and its effect on the tracking and bacteria resistance of addition-cure liquid silicone rubber. Applied Surface Science, 2017, 423, 630-640.	3.1	11
92	Synthesis of sulphonic lanthanum complex based on C-methylcalix[4]resorcinarene and its thermo-oxidative aging resistance for natural rubber. Plastics, Rubber and Composites, 2017, 46, 251-257.	0.9	2
93	Phenolic antioxidants based on calixarene: Synthesis, structural characterization, and antioxidative properties in natural rubber. Journal of Applied Polymer Science, 2017, 134, 45144.	1.3	12
94	Synthesis and characterization of polyphenylsilsesquioxane terminated with methyl and vinyl groups low-melting glass. Journal of Adhesion Science and Technology, 2017, 31, 2399-2409.	1.4	9
95	Polydimethylsiloxane-Based Superhydrophobic Surfaces on Steel Substrate: Fabrication, Reversibly Extreme Wettability and Oilâ€“Water Separation. ACS Applied Materials & Interfaces, 2017, 9, 3131-3141.	4.0	89
96	Study on the anti-abrasion resistance of superhydrophobic coatings based on fluorine-containing acrylates with different Tg and SiO2. RSC Advances, 2017, 7, 47738-47745.	1.7	13
97	Suppression Effect and Mechanism of Amine-Containing MQ Silicone Resin on the Tracking and Erosion Resistance of Silicone Rubber. ACS Omega, 2017, 2, 5111-5121.	1.6	18
98	The preparation of fluorine-containing polysiloxane low-melting glass and its effect on the tracking resistance and thermostability of addition-cure liquid silicone rubber. RSC Advances, 2017, 7, 33020-33028.	1.7	13
99	Effect of alkyl-disubstituted ureido silanes with different alkyl chain structures on tracking resistance property of addition-cure liquid silicone rubber. Polymer Degradation and Stability, 2017, 142, 263-272.	2.7	21
100	Effect of the platinum catalyst content on the tracking and erosion resistance of addition-cure liquid silicone rubber. Polymer Testing, 2017, 63, 92-100.	2.3	17
101	An efficient strategy for simultaneously improving tracking resistance and flame retardancy of addition-cure liquid silicone rubber. Polymer Degradation and Stability, 2017, 144, 176-186.	2.7	26
102	Vaporâ€“Liquid Solâ€“Gel Approach to Fabricating Highly Durable and Robust Superhydrophobic Polydimethylsiloxane@Silica Surface on Polyester Textile for Oilâ€“Water Separation. ACS Applied Materials & Interfaces, 2017, 9, 28089-28099.	4.0	234
103	Preparation of a flame retardant phosphorus-containing polyacrylate/Î±-zirconium phosphate nanocomposite through in situ emulsion polymerization. RSC Advances, 2017, 7, 49290-49298.	1.7	22
104	Investigation of the tracking and erosion resistance of cured liquid silicone rubber containing ureido-modified MQ silicone resin. IEEE Transactions on Dielectrics and Electrical Insulation, 2016, 23, 3668-3675.	1.8	21
105	Synergistic effect and mechanism of platinum catalyst and nitrogen-containing silane on the thermal stability of silicone rubber. Thermochimica Acta, 2016, 632, 1-9.	1.2	38
106	Zirconium phosphate functionalized by hindered amine: A new strategy for effectively enhancing the flame retardancy of addition-cure liquid silicone rubber. Materials Letters, 2016, 174, 230-233.	1.3	32
107	Suppression Effect and Mechanism of Platinum and Nitrogen-Containing Silane on the Tracking and Erosion of Silicone Rubber for High-Voltage Insulation. ACS Applied Materials & Interfaces, 2016, 8, 21039-21045.	4.0	46
108	A facile approach to UV-curable super-hydrophilic polyacrylate coating film grafted on glass substrate. Journal of Coatings Technology Research, 2016, 13, 1115-1121.	1.2	11

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109	Well-defined Seven-arm Star Macromolecular Antioxidant based on Î²-Cyclodextrin for Stabilization of Natural Rubber. Chemistry Letters, 2016, 45, 191-193.	0.7	9
110	Thermal degradation and combustion behavior of novel intumescent flame retardant polypropylene with N-alkoxy hindered amine. Journal of Analytical and Applied Pyrolysis, 2016, 120, 361-370.	2.6	36
111	Synthesis of phenyl silicone resin with epoxy and acrylate group and its adhesion enhancement for addition-cure silicone encapsulant with high refractive index. Journal of Adhesion Science and Technology, 2016, 30, 2699-2709.	1.4	9
112	Synthesis of a novel macromolecular charring agent with free-radical quenching capability and its synergism in flame retardant polypropylene. Polymer Degradation and Stability, 2016, 130, 68-77.	2.7	70
113	Synthesis of silane oligomers containing vinyl and epoxy group for improving the adhesion of addition-cure silicone encapsulant. Journal of Adhesion Science and Technology, 2016, 30, 1131-1142.	1.4	18
114	Effect and mechanism of N-alkoxy hindered amine on the flame retardancy, UV aging resistance and thermal degradation of intumescent flame retardant polypropylene. Polymer Degradation and Stability, 2015, 118, 167-177.	2.7	47
115	Flame-retardant mechanism of a novel polymeric intumescent flame retardant containing caged bicyclic phosphate for polypropylene. Polymer Degradation and Stability, 2015, 113, 22-31.	2.7	123
116	Thermal degradation mechanism of addition-cure liquid silicone rubber with urea-containing silane. Thermochimica Acta, 2015, 605, 28-36.	1.2	48
117	InÂsitu synthesis and properties of hydrogenated rosin/polyacrylate composite miniemulsions-based pressure sensitive adhesives. Journal of Adhesion Science and Technology, 2015, 29, 2220-2232.	1.4	5
118	Synthesis of an adhesion-enhancing polyhydrosiloxane containing acrylate groups and its cross-linked addition-cure silicone encapsulant. Journal of Elastomers and Plastics, 2015, 47, 416-430.	0.7	14
119	Synthesis and antioxidative properties of a star-shaped macromolecular antioxidant based on Î²-cyclodextrin. Materials Letters, 2015, 151, 72-74.	1.3	25
120	Synthesis of A Starâ€Shaped Macromolecular Antioxidant Based on Î²â€Cyclodextrin and its Antioxidative Properties in Natural Rubber. Macromolecular Materials and Engineering, 2015, 300, 893-900.	1.7	21
121	Effect of hydrogenated acrylic rosin on structure and properties of polyacrylates emulsions by seeded semibatch emulsion polymerization method. Journal of Adhesion Science and Technology, 2015, 29, 740-752.	1.4	6
122	Synergistic effect between siliconeâ€containing macromolecular charring agent and ammonium polyphosphate in flame retardant polypropylene. Journal of Applied Polymer Science, 2015, 132, .	1.3	17
123	A study on the fabrication of superhydrophobic iron surfaces by chemical etching and galvanic replacement methods and their anti-icing properties. Applied Surface Science, 2015, 346, 458-463.	3.1	64
124	Role of acrylic acid in the synthesis of coreâ€shell fluorineâ€containing polyacrylate latex with spherical and plum blossomâ€like morphology. Journal of Applied Polymer Science, 2015, 132, .	1.3	1
125	Synthesis and antioxidative properties in natural rubber of novel macromolecular hindered phenol antioxidants containing thioether and urethane groups. Polymer Degradation and Stability, 2015, 111, 232-238.	2.7	48
126	Preparation and Characterization of UV-Curable Cyclohexanone-Formaldehyde Resin and Its Cured Film Properties. International Journal of Polymer Science, 2014, 2014, 1-8.	1.2	2

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127	Effect of Polyborosiloxane on the Flame Retardancy and Thermal Degradation of Intumescent Flame Retardant Polypropylene. Journal of Macromolecular Science - Physics, 2014, 53, 721-734.	0.4	28
128	Kinetics and effect of surfactant and cosurfactant on miniemulsion polymerization of acrylate monomers. Journal of Coatings Technology Research, 2014, 11, 959-966.	1.2	7
129	Enhancement of wollastonite on flame retardancy and mechanical properties of PP/IFR composite. Polymer Composites, 2014, 35, 158-166.	2.3	14
130	Effect of urea-containing anti-tracking additive on the tracking and erosion resistance of addition-cure liquid silicone rubber. Polymer Testing, 2014, 37, 19-27.	2.3	39
131	Effects of calcination temperature on the microstructure and wetting behavior of superhydrophobic polydimethylsiloxane/silica coating. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 445, 111-118.	2.3	49
132	Fabrication and characterization of stable superhydrophobic fluorinated-polyacrylate/silica hybrid coating. Applied Surface Science, 2014, 298, 214-220.	3.1	50
133	Synthesis and characterization of polyhydroxylated polybutadiene binding 2,2â€²â€²thiobis(4â€methylâ€6â€tertâ€butylphenol) with isophorone diisocyanate. Journal of Applied Polymer Science, 2014, 131, .	1.8	9
134	Facile fabrication of a robust superhydrophobic/superoleophilic sponge for selective oil absorption from oily water. RSC Advances, 2014, 4, 23861.	1.7	40
135	Synthesis and Characterization of Hydrogenated Rosin/Polyacrylate Composite Emulsions by Two-Step Mini-Emulsion Polymerization Method. Journal of Macromolecular Science - Pure and Applied Chemistry, 2014, 51, 712-717.	1.2	1
136	Facile Synthesis of Polyhydroxylated Polybutadiene Derived from Hydroxyl-Terminated Polybutadiene via Thiol-Ene Click Reaction. Journal of Macromolecular Science - Pure and Applied Chemistry, 2014, 51, 229-239.	1.2	10
137	Synthesis and Characterization of A Novel Macromolecular Hindered Phenol Antioxidant and Its Thermo-Oxidative Aging Resistance for Natural Rubber. Journal of Macromolecular Science - Physics, 2014, 53, 1244-1257.	0.4	36
138	Facile fabrication of superhydrophobic filtration fabric with honeycomb structures for the separation of water and oil. Materials Letters, 2014, 120, 255-258.	1.3	71
139	Compatibilizing effect of Î²-cyclodextrin in RDP/phosphorus-containing polyacrylate composite emulsion and its synergism on the flame retardancy of the latex film. Progress in Organic Coatings, 2014, 77, 975-980.	1.9	17
140	Preparation and Characterization of Nano-TiO₂/poly (methyl methacrylate) Hybrid Latex by Reverse Microemulsion Method andIn-SituPolymerization. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 836-843.	1.2	5
141	Study on the wetting behavior and theoretical models of polydimethylsiloxane/silica coating. Applied Surface Science, 2013, 279, 458-463.	3.1	54
142	Synthesis of Siloxanes Containing Vinyl and Epoxy Group and its Enhancement for Adhesion of Addition-Cure Silicone Encapsulant. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 1126-1132.	1.2	19
143	Preparation and Properties of Flame Retardant Polypropylene with an Intumescent System Encapsulated by Thermoplastic Polyurethane. Journal of Macromolecular Science - Physics, 2012, 51, 35-47.	0.4	15
144	Synergistic Effect of Phosphorus-Containing Montmorillonite with Intumescent Flame Retardant in Polypropylene. Journal of Macromolecular Science - Physics, 2012, 51, 1186-1198.	0.4	32

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145	Synergistic effect between a triazineâ€based macromolecule and melamine pyrophosphate in flame retardant polypropylene. Polymer Composites, 2012, 33, 35-43.	2.3	46
146	Synergistic effect of phosphorusâ€containing nanosponges on intumescent flameâ€retardant polypropylene. Journal of Applied Polymer Science, 2012, 125, 1758-1765.	1.3	25
147	In situ synthesis and characterization of polypropylene/polyvinyl acetateâ€organophilic montmorillonite nanocomposite. Journal of Applied Polymer Science, 2012, 124, 4107-4113.	1.3	15