

Chunling Zhang

List of Publications by Year in descending order

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858
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516710

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docs citations

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times ranked

822
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between soy protein isolate and surfactant at the interface of antibacterial nanoemulsions loaded with riboflavin tetra butyrate. <i>International Journal of Food Science and Technology</i> , 2022, 57, 931-941.	2.7	4
2	Novel bioderived cross-linked polyphosphazene microspheres decorated with FeCo-layered double hydroxide as an all-in-one intumescent flame retardant for epoxy resin. <i>Composites Part B: Engineering</i> , 2022, 229, 109463.	12.0	50
3	Effects of Emulsifier Type and Post-Treatment on Stability, Curcumin Protection, and Sterilization Ability of Nanoemulsions. <i>Foods</i> , 2021, 10, 149.	4.3	15
4	Thermally induced and physically cross-linked hydrogel doped with graphene oxide for controlled release. <i>Soft Matter</i> , 2021, 17, 3664-3671.	2.7	7
5	Synthesis and performance of flexible epoxy resin with long alkyl side chains via click reaction. <i>Journal of Polymer Science</i> , 2021, 59, 627-637.	3.8	13
6	Thermal and flame-retardant properties of intrinsic flame-retardant epoxy resin containing biphenyl structures and phosphorus. <i>European Polymer Journal</i> , 2021, 147, 110319.	5.4	52
7	Preparation of biomimetic membrane with hierarchical structure and honeycombed through-hole for enhanced oil-water separation performance. <i>Polymer</i> , 2021, 218, 123522.	3.8	7
8	Dynamic Tannic Acid Hydrogel with Self-Healing and pH Sensitivity for Controlled Release. <i>Macromolecular Bioscience</i> , 2021, 21, e2100055.	4.1	8
9	Bioderived Bilayer Shell Modification of FeOOH Nanorods via Self-Assembly Technique as Sustainable Flame Retardants for Enhancing Flame Retardancy of Epoxy Resin. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100239.	3.6	6
10	Green self-assembly of h-BN@PDA@MoS ₂ nanosheets by polydopamine as fire hazard suppression materials. <i>Reactive and Functional Polymers</i> , 2021, 165, 104965.	4.1	18
11	Superior radical scavenging and catalytic carbonization capacities of bioderived assembly modified ammonium polyphosphate as a mono-component intumescent flame retardant for epoxy resin. <i>European Polymer Journal</i> , 2021, 156, 110601.	5.4	49
12	Functional Conservation and Divergence of Five AP1/FUL-like Genes in Marigold (<i>Tagetes erecta</i> L.). <i>Genes</i> , 2021, 12, 2011.	2.4	3
13	Improved flame retardancy of epoxy resin composites modified with a low additive content of silica-microencapsulated phosphazene flame retardant. <i>Reactive and Functional Polymers</i> , 2020, 148, 104485.	4.1	40
14	Phase transition behaviors of the self-assembled structures of a dihydrazide derivative. <i>Soft Materials</i> , 2020, 18, 67-73.	1.7	0
15	POSS-functionalized graphene oxide hybrids with improved dispersive and smoke-suppressive properties for epoxy flame-retardant application. <i>European Polymer Journal</i> , 2020, 122, 109383.	5.4	57
16	Identification, characterization and functional analysis of AGAMOUS subfamily genes associated with floral organs and seed development in Marigold (<i>Tagetes erecta</i>). <i>BMC Plant Biology</i> , 2020, 20, 439.	3.6	14
17	Effects of Polyhedral Oligomeric Silsesquioxane (POSS) on Thermal and Mechanical Properties of Polysiloxane Foam. <i>Materials</i> , 2020, 13, 4570.	2.9	8
18	A green self-assembled organic supermolecule as an effective flame retardant for epoxy resin. <i>RSC Advances</i> , 2020, 10, 12492-12503.	3.6	25

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19	Dual responsive oligo(lysine)-modified Pluronic F127 hydrogels for drug release of 5-fluorouracil. RSC Advances, 2020, 10, 24507-24514.	3.6	5
20	Covalently functionalized graphene oxide wrapped by silicon-nitrogen-containing molecules: preparation and simultaneous enhancement of the thermal stability, flame retardancy and mechanical properties of epoxy resin nanocomposites. RSC Advances, 2020, 10, 13949-13959.	3.6	13
21	Compatible cyclophosphazene-functionalized graphene hybrids to improve flame retardancy for epoxy nanocomposites. Reactive and Functional Polymers, 2020, 155, 104697.	4.1	24
22	Functional Analysis of the Marigold (<i>Tagetes erecta</i>) Lycopene β -cyclase (TeLCYe) Promoter in Transgenic Tobacco. Molecular Biotechnology, 2019, 61, 703-713.	2.4	7
23	Multiple Physically Cross-Linked F127- β -CD Hydrogels: Preparation, Sol-Gel Transformation, and Controlled Release of 5-Fluorouracil. ACS Applied Bio Materials, 2019, 2, 527-532.	4.6	11
24	Fabrication of polysiloxane foam with a pendent phenyl group for improved thermal insulation capacity and thermal stability. New Journal of Chemistry, 2019, 43, 6136-6145.	2.8	11
25	Preparation and Corrosion Resistance of ETEO Modified Graphene Oxide/Epoxy Resin Coating. Coatings, 2019, 9, 46.	2.6	42
26	Lamellar-cubic transition of a dihydrazide derivative and its effect on the gel stability. Soft Matter, 2018, 14, 3536-3540.	2.7	2
27	Thermal Energy Storage Capability of Polyurethane Foams Incorporated with Microencapsulated Phase Change Material. ChemistrySelect, 2018, 3, 3180-3186.	1.5	10
28	Thermal insulation and stability of polysiloxane foams containing hydroxyl-terminated polydimethylsiloxanes. RSC Advances, 2018, 8, 9901-9909.	3.6	28
29	PNIPAM-MAPOSS Hybrid Hydrogels with Excellent Swelling Behavior and Enhanced Mechanical Performance: Preparation and Drug Release of 5-Fluorouracil. Polymers, 2018, 10, 137.	4.5	29
30	Preparation of dual-functionalized graphene oxide for the improvement of the thermal stability and flame-retardant properties of polysiloxane foam. New Journal of Chemistry, 2018, 42, 13873-13883.	2.8	18
31	Improved thermal properties of epoxy resin modified with polymethyl methacrylate-microencapsulated phosphorus-nitrogen-containing flame retardant. RSC Advances, 2018, 8, 29816-29829.	3.6	22
32	Effects of hollow microspheres on the thermal insulation of polysiloxane foam. Journal of Applied Polymer Science, 2017, 134, .	2.6	15
33	Gelation behaviour and gel properties of two-component organogels containing a photoresponsive gelator. New Journal of Chemistry, 2017, 41, 8614-8619.	2.8	14
34	Effect of polyaniline-modified glass fibers on the anticorrosion performance of epoxy coatings. Journal of Coatings Technology Research, 2017, 14, 407-415.	2.5	5
35	Effects of incorporating acrylolsobutyl polyhedral oligomeric silsesquioxane on the properties of P(N-isopropylacrylamide-co-poly(ethylene glycol) diacrylate) hybrid hydrogels. Polymer Bulletin, 2017, 74, 1831-1847.	3.3	6
36	Characterization and Functional Analysis of Five MADS-Box B Class Genes Related to Floral Organ Identification in <i>Tagetes erecta</i> . PLoS ONE, 2017, 12, e0169777.	2.5	16

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37	Effect of surface-modified clay on the thermal stability and insulation of polyorganosiloxane foam. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 867-871.	2.6	5
38	Transcriptomic Analysis of Differentially Expressed Genes during Flower Organ Development in Genetic Male Sterile and Male Fertile <i>Tagetes erecta</i> by Digital Gene-Expression Profiling. <i>PLoS ONE</i> , 2016, 11, e0150892.	2.5	19
39	Effect of phosphorus-containing flame retardants on flame retardancy and thermal stability of tetrafunctional epoxy resin. <i>Polymers for Advanced Technologies</i> , 2015, 26, 1531-1536.	3.2	37
40	Preparation and properties of epoxy resin composites containing hexaphenoxycyclotriphosphazene. <i>High Performance Polymers</i> , 2014, 26, 114-121.	1.8	29
41	Effect of draw ratio on the morphologies and properties of BPDA/PMDA/ODA polyimide fibers. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 163-167.	2.6	13
42	Effect of hexaphenoxycyclotriphosphazene combined with octapropylglycidylether polyhedral oligomeric silsesquioxane on thermal stability and flame retardancy of epoxy resin. <i>High Performance Polymers</i> , 2014, 26, 744-752.	1.8	17
43	Preparation of a novel pH-sensitive hydrogel based on acrylic acid and polyhedral oligomeric silsesquioxane for controlled drug release of theophylline. <i>Polymer Bulletin</i> , 2014, 71, 1877-1889.	3.3	9
44	Morphology, thermal properties, and fire behavior of epoxy resin nanocomposites containing octaammonium polyhedral oligomeric silsesquioxane-modified montmorillonite. <i>High Performance Polymers</i> , 2013, 25, 992-999.	1.8	10
45	Myocardin-related transcription factor A is up-regulated by 17 β -estradiol and promotes migration of MCF-7 breast cancer cells via transactivation of <i>MYL9</i> and <i>CYR61</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2013, 45, 921-927.	2.0	15
46	Synthesis, pH sensitivity, and drug release behavior of acrylic acid and polyhedral oligomeric silsesquioxane copolymer. <i>Journal of Applied Polymer Science</i> , 2013, 129, 3162-3169.	2.6	2
47	Synthesis and thermal stability of hybrid polymers using UV photopolymerization based on polyhedral oligomeric silsesquioxanes. <i>High Performance Polymers</i> , 2012, 24, 274-281.	1.8	7
48	Octasilsesquioxane-reinforced TMBP epoxy nanocomposites: Characterization of thermal, flame-retardant, and morphological properties. <i>High Performance Polymers</i> , 2012, 24, 747-755.	1.8	10
49	Study on morphology and mechanical properties of PMMA-based nanocomposites containing POSS molecules or functionalized SiO ₂ particles. <i>High Performance Polymers</i> , 2011, 23, 468-476.	1.8	15
50	Synthesis, Characterization, and Functionalization of Hyperbranched Poly(ether ether ketone)s with Phenoxyphenyl Side Group. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008, 45, 748-753.	2.2	6
51	Preparation of HPEEK by Oligomer A ₂ +B ₃ Approach. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008, 45, 742-747.	2.2	1
52	Synthesis of fluorescent hyperbranched poly(aryl ether ketones) containing biphenyl units. <i>Polymer Science - Series B</i> , 2007, 49, 203-208.	0.8	1
53	Synthesis of functionalized fluorine-containing hyperbranched poly(aryl ether ketones) for optical applications. <i>Polymer Science - Series A</i> , 2006, 48, 1035-1040.	1.0	7
54	Synthesis and characterization of the B ₃ -monomer and hyperbranched poly(aryl ether ketone)s. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2006, 1, 203-206.	0.4	1

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55	Preparation of polysiloxane foam with graphene for promoting electromagnetic interference shielding performance and thermal stability. Journal of Applied Polymer Science, 0, , 52376.	2.6	0