

Juan Li

List of Publications by Year in descending order

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78
papers

2,642
citations

172457

29
h-index

206112

48
g-index

80
all docs

80
docs citations

80
times ranked

3041
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic effect between a novel hyperbranched charring agent and ammonium polyphosphate on the flame retardant and anti-dripping properties of polylactide. <i>Polymer Degradation and Stability</i> , 2010, 95, 763-770.	5.8	227
2	Synergistic effect between expandable graphite and ammonium polyphosphate on flame retarded polylactide. <i>Polymer Degradation and Stability</i> , 2011, 96, 183-189.	5.8	144
3	Dual ATP and pH responsive ZIF-90 nanosystem with favorable biocompatibility and facile post-modification improves therapeutic outcomes of triple negative breast cancer in vivo. <i>Biomaterials</i> , 2019, 197, 41-50.	11.4	139
4	A promising strategy for chemical recycling of carbon fiber/thermoset composites: self-accelerating decomposition in a mild oxidative system. <i>Green Chemistry</i> , 2012, 14, 3260.	9.0	129
5	A Truncated NLR Protein, TIR-NBS2, Is Required for Activated Defense Responses in the exo70B1 Mutant. <i>PLoS Genetics</i> , 2015, 11, e1004945.	3.5	127
6	Improved SERS-Active Nanoparticles with Various Shapes for CTC Detection without Enrichment Process with Supersensitivity and High Specificity. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 19928-19938.	8.0	113
7	Effects of furan-phosphamide derivative on flame retardancy and crystallization behaviors of poly(lactic acid). <i>Chemical Engineering Journal</i> , 2019, 369, 150-160.	12.7	91
8	Increasing the efficiency of intumescent flame retardant polypropylene catalyzed by polyoxometalate based ionic liquid. <i>Journal of Materials Chemistry A</i> , 2013, 1, 15242.	10.3	77
9	Efficient reductive desymmetrization of bulky 1,3-cyclodiketones enabled by structure-guided directed evolution of a carbonyl reductase. <i>Nature Catalysis</i> , 2019, 2, 931-941.	34.4	68
10	Neuropeptide Y receptors: a promising target for cancer imaging and therapy. <i>International Journal of Energy Production and Management</i> , 2015, 2, 215-219.	3.7	65
11	Regulating Effects of Nitrogenous Bases on the Char Structure and Flame Retardancy of Polypropylene/Intumescent Flame Retardant Composites. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 2375-2383.	6.7	65
12	Melamine cyanurate tailored by base and its multi effects on flame retardancy of polyamide 6. <i>Applied Surface Science</i> , 2018, 456, 751-762.	6.1	63
13	Near-infrared heptamethine cyanine dye-based nanoscale coordination polymers with intrinsic nucleus-targeting for low temperature photothermal therapy. <i>Nano Today</i> , 2020, 34, 100910.	11.9	55
14	One-pot synthesis of hollow PDA@DOX nanoparticles for ultrasound imaging and chemo-thermal therapy in breast cancer. <i>Nanoscale</i> , 2019, 11, 21759-21766.	5.6	52
15	pH protective Y1 receptor ligand functionalized antiphagocytosis BPLP-WPU micelles for enhanced tumor imaging and therapy with prolonged survival time. <i>Biomaterials</i> , 2018, 170, 70-81.	11.4	45
16	Synergistic effect of aluminum hypophosphite and intumescent flame retardants in polylactide. <i>Polymers for Advanced Technologies</i> , 2015, 26, 255-265.	3.2	40
17	Regulating Effect of Exfoliated Clay on Intumescent Char Structure and Flame Retardancy of Polypropylene Composites. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 5892-5901.	3.7	40
18	Neuropeptide Y Y1 receptor-mediated biodegradable photoluminescent nanobubbles as ultrasound contrast agents for targeted breast cancer imaging. <i>Biomaterials</i> , 2017, 116, 106-117.	11.4	40

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19	Manganese-Zeolitic Imidazolate Frameworks-90 with High Blood Circulation Stability for MRI-Guided Tumor Therapy. <i>Nano-Micro Letters</i> , 2019, 11, 61.	27.0	40
20	Flame retardant effect of cytosine pyrophosphate and pentaerythritol on polypropylene. <i>Composites Part B: Engineering</i> , 2020, 180, 107520.	12.0	40
21	Hollow mesoporous hydroxyapatite nanostructures; smart nanocarriers with high drug loading and controlled releasing features. <i>International Journal of Pharmaceutics</i> , 2018, 544, 112-120.	5.2	37
22	Y ₁ -receptor ligand-functionalized ultrasmall upconversion nanoparticles for tumor-targeted trimodality imaging and photodynamic therapy with low toxicity. <i>Nanoscale</i> , 2018, 10, 17038-17052.	5.6	36
23	Hydrophilic modification gigaporous resins with poly(ethylenimine) for high-throughput proteins ion-exchange chromatography. <i>Journal of Chromatography A</i> , 2014, 1343, 109-118.	3.7	34
24	Neuropeptide Y ₁ Receptors Mediate Targeted Delivery of Anticancer Drug with Encapsulated Nanoparticles to Breast Cancer Cells with High Selectivity and Its Potential for Breast Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 5574-5582.	8.0	34
25	Comparison of covalent and physical immobilization of lipase in gigaporous polymeric microspheres. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 2107-2115.	3.4	34
26	Effects of Zinc Phytate on Flame Retardancy and Thermal Degradation Behaviors of Intumescent Flame-retardant Polypropylene. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 1167-1176.	1.9	34
27	Study of surface functionalized nano-SiO ₂ /polybenzoxazine composites. <i>Journal of Applied Polymer Science</i> , 2011, 120, 1525-1532.	2.6	33
28	Toughening and strengthening epoxy resin with flame retardant molecular structure based on tyrosine. <i>Polymer</i> , 2021, 230, 124045.	3.8	32
29	Mixed Metal Metal-Organic Frameworks Derived Carbon Supporting ZnFe ₂ O ₄ /C for High-Performance Magnetic Particle Imaging. <i>Nano Letters</i> , 2021, 21, 2730-2737.	9.1	31
30	Intumescent flame retardation of melamine modified montmorillonite on polyamide 6: Enhancement of condense phase and flame retardance. <i>Polymer Engineering and Science</i> , 2011, 51, 377-385.	3.1	30
31	Roles of anion of polyoxometalate-based ionic liquids in properties of intumescent flame retardant polypropylene. <i>RSC Advances</i> , 2014, 4, 32902.	3.6	29
32	Effects of P-N flame retardants based on cytosine on flame retardancy and mechanical properties of polyamide 6. <i>Polymer Degradation and Stability</i> , 2020, 174, 109092.	5.8	29
33	Preparation of nucleotide-based microsphere and its application in intumescent flame retardant polypropylene. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 121, 394-402.	5.5	28
34	Enhancement of a hyperbranched charring and foaming agent on flame retardancy of polyamide 6. <i>Polymers for Advanced Technologies</i> , 2011, 22, 2237-2243.	3.2	25
35	Micro-intumescent flame retardant polyamide 6 based on cyclic phosphate grafting phenol formaldehyde. <i>Polymers for Advanced Technologies</i> , 2016, 27, 955-963.	3.2	23
36	Deep Penetration of Targeted Nanobubbles Enhanced Cavitation Effect on Thrombolytic Capacity. <i>Bioconjugate Chemistry</i> , 2020, 31, 369-374.	3.6	23

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37	Pressure-induced amorphous zeolitic imidazole frameworks with reduced toxicity and increased tumor accumulation improves therapeutic efficacy In vivo. <i>Bioactive Materials</i> , 2021, 6, 740-748.	15.6	22
38	Roles of supermolecule structure of melamine phosphomolybdate in intumescent flame retardant polypropylene composites. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 119, 139-146.	5.5	21
39	Effects of a semi-bio-based triazine derivative on intumescent flame-retardant polypropylene. <i>Polymers for Advanced Technologies</i> , 2019, 30, 1259-1268.	3.2	21
40	Synthesis of a bio-based triazine derivative and its effects on flame retardancy of polypropylene composites. <i>Journal of Applied Polymer Science</i> , 2020, 137, 47367.	2.6	21
41	Effect of phosphorus-nitrogen compound on flame retardancy and mechanical properties of polylactic acid. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49829.	2.6	21
42	Effect of alkyl groups in organic part of polyoxo-metalates based ionic liquids on properties of flame retardant polypropylene. <i>Thermochimica Acta</i> , 2016, 631, 51-58.	2.7	19
43	Structure-Guided Directed Evolution of a Carbonyl Reductase Enables the Stereoselective Synthesis of (2 <i>S</i> ,3 <i>S</i>)-2,2-Disubstituted-3-hydroxycyclopentanones via Desymmetric Reduction. <i>Organic Letters</i> , 2020, 22, 3444-3448.	4.6	19
44	Char strengthened by carbon microspheres formed in situ during combustion of IFR/EVA composites catalyzed by solid super acid. <i>RSC Advances</i> , 2014, 4, 34161.	3.6	18
45	Nanoscale covalent organic frameworks: from controlled synthesis to cancer therapy. <i>Chemical Communications</i> , 2021, 57, 12417-12435.	4.1	18
46	Roles of organic intercalation agent with flame retardant groups in montmorillonite (MMT) in properties of polypropylene composites. <i>Polymers for Advanced Technologies</i> , 2014, 25, 872-880.	3.2	17
47	In vitro evaluation of the toxicity and underlying molecular mechanisms of Janus Fe ₃ O ₄ @TiO ₂ nanoparticles in human liver cells. <i>Environmental Toxicology</i> , 2018, 33, 1078-1088.	4.0	17
48	Highly efficient flame retardant poly(lactic acid) using imidazole phosphate poly(ionic liquid). <i>Polymers for Advanced Technologies</i> , 2020, 31, 1765-1775.	3.2	16
49	Konjac glucomannan microspheres for low-cost desalting of protein solution. <i>Carbohydrate Polymers</i> , 2014, 111, 56-62.	10.2	15
50	A highly thermostable and transparent lateral heat spreader based on silver nanowire/polyimide composite. <i>RSC Advances</i> , 2015, 5, 59398-59402.	3.6	15
51	A Y1 receptor ligand synergized with a P-glycoprotein inhibitor improves the therapeutic efficacy of multidrug resistant breast cancer. <i>Biomaterials Science</i> , 2019, 7, 4748-4757.	5.4	15
52	Joint-aggregation intumescent flame-retardant effect of ammonium polyphosphate and charring agent in polypropylene. <i>Polymers for Advanced Technologies</i> , 2020, 31, 1699-1708.	3.2	15
53	Effect of anion of polyoxometalate based organic-inorganic hybrid material on intumescent flame retardant polypropylene. <i>Polymers for Advanced Technologies</i> , 2016, 27, 1211-1219.	3.2	14
54	Y1 receptor ligand-based nanomicelle as a novel nanoprobe for glioma-targeted imaging and therapy. <i>Nanoscale</i> , 2018, 10, 5845-5851.	5.6	14

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55	Synergistic effects of dual imidazolium polyoxometalates on intumescent flame retardant polypropylene. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45491.	2.6	13
56	Mitochondria-targeting zeolitic imidazole frameworks to overcome platinum-resistant ovarian cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 189, 110837.	5.0	13
57	Synergistic Effect between a Novel Hyperbranched Flame Retardant and Melamine Pyrophosphate on the Char Forming of Polyamide 6. <i>Polymer-Plastics Technology and Engineering</i> , 2010, 49, 1489-1497.	1.9	12
58	Thermal degradation behaviors of phosphorus-silicon synergistic flame-retardant copolyester. <i>Journal of Applied Polymer Science</i> , 2011, 122, 1993-2003.	2.6	12
59	Effect of gas-condensed phase synergistic system of 9,10-dihydro-10-phosphaphenanthrene-10-oxide and polydopamine on flame retardancy of epoxy resin. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49698.	2.6	12
60	Evolution of a novel nuclear receptor subfamily with emphasis on the member from the Pacific oyster <i>Crassostrea gigas</i> . <i>Gene</i> , 2015, 567, 164-172.	2.2	11
61	Synthesis and characterization of bisphenol a diphthalimide bisbenzoxazine monomers and the properties of their polybenzoxazines. <i>Journal of Applied Polymer Science</i> , 2011, 121, 2778-2787.	2.6	9
62	Improved Stability of Emulsions in Preparation of Uniform Small-Sized Konjac Glucomanna (KGM) Microspheres with Epoxy-Based Polymer Membrane by Premix Membrane Emulsification. <i>Polymers</i> , 2016, 8, 53.	4.5	9
63	Active targeting nano-scale bubbles enhanced ultrasound cavitation chemotherapy in Y_{1} receptor-overexpressed breast cancer. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6837-6844.	5.8	9
64	Tandem post-synthetic modification of a zeolitic imidazolate framework for CXCR4-overexpressed esophageal squamous cell cancer imaging and therapy. <i>Nanoscale</i> , 2020, 12, 12779-12789.	5.6	9
65	A novel gigaporous GSH affinity medium for high-speed affinity chromatography of GST-tagged proteins. <i>Protein Expression and Purification</i> , 2014, 95, 84-91.	1.3	8
66	The Construction of an Aqueous Two-Phase System to Solve Weak-Aggregation of Gigaporous Poly(Styrene-Divinyl Benzene) Microspheres. <i>Polymers</i> , 2016, 8, 142.	4.5	8
67	Biosafety evaluation of Janus Fe_3O_4 - TiO_2 nanoparticles in Sprague Dawley rats after intravenous injection. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6987-7001.	6.7	8
68	A D-peptide ligand of neuropeptide Y receptor Y1 serves as nanocarrier traversing of the blood brain barrier and targets glioma. <i>Nano Today</i> , 2022, 44, 101465.	11.9	8
69	Crystallization and Rheological Behaviors of Amino-functionalized Multiwalled Carbon Nanotubes Filled Polyamide 6 Composites. <i>Journal of Macromolecular Science - Physics</i> , 2010, 49, 405-418.	1.0	6
70	Preparation of urea formaldehyde microsphere and its effect on flame retardant ethylene vinyl acetate composites. <i>Polymers for Advanced Technologies</i> , 2018, 29, 1804-1814.	3.2	6
71	The Neuropeptide Y_1 Receptor Ligand-Modified Cell Membrane Promotes Targeted Photodynamic Therapy of Zeolitic Imidazolate Frameworks for Breast Cancer. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11280-11287.	4.6	5
72	Effect of amino acid-triazine copolymer on intumescent flame retardant ethylene vinyl acetate. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	5

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73	A Strategy for Fabrication of Columnar Supramolecular Polymers by Highly Directional π - π Stacking and Strong Multiple Ionic Bonds. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1016-1021.	2.2	4
74	An Intumescent-Like Flame-Retardant Effect of Hollow Carbon Precursor on Acrylonitrile-Butadiene-Styrene/Oligomeric Aryl Phosphate/Novolac Epoxy Composites. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 1441-1449.	1.9	3
75	Towards A Deeper Understanding of the Interfacial Adsorption of Enzyme Molecules in Gigaporous Polymeric Microspheres. <i>Polymers</i> , 2016, 8, 116.	4.5	1
76	Nucleating effect of surface modified MWNTs on crystallization of MWNTs/PA6 composites. <i>E-Polymers</i> , 2010, 10, .	3.0	0
77	Synergistic Effect between Montmorillonite Intercalated by Melamine and Intumescent Flame Retardant (IFR) on Polypropylene. <i>Advanced Materials Research</i> , 2011, 295-297, 315-318.	0.3	0
78	Thermal Modeling of Randomly Distributed Multi-Walled Carbon Nanotube/Polymer Composites. <i>Advanced Materials Research</i> , 0, 548, 123-127.	0.3	0