

Chao Li

List of Publications by Year in descending order

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64
papers

1,034
citations

393982

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docs citations

64
times ranked

665
citing authors

#	ARTICLE	IF	CITATIONS
1	Parametric Study on Seismic Behaviors of a Buried Pipeline Subjected to Underground Spatially Correlated Earthquake Motions. <i>Journal of Earthquake Engineering</i> , 2022, 26, 6329-6351.	1.4	3
2	Influence of connection properties on seismic performance of post-tensioned self-centering concrete frames. <i>Journal of Building Engineering</i> , 2022, 46, 103761.	1.6	1
3	Synthesis and branching structure detection of long-subchain hyperbranched polymers via pyrene-labelled methodology. <i>Polymer</i> , 2022, 240, 124479.	1.8	2
4	Regulation from gradient to near periodic sequence during anionic copolymerization of styrene and dimethyl-[4-(1-phenyl-vinyl)phenyl]silane (DPE-SiH). <i>Polymer</i> , 2022, 244, 124663.	1.8	1
5	Seismic response of large-span spatial structures under multi-support and multidimensional excitations including rotational components. <i>Earthquake Engineering and Engineering Vibration</i> , 2021, 20, 141-159.	1.1	13
6	Regulation of tectonic sequences in chain-folding-directed monodisperse isomeric oligomers precisely tailored by Ugi-hydrosilylation orthogonal cycles. <i>Polymer Chemistry</i> , 2021, 12, 3510-3516.	1.9	2
7	C5 and C6 Polymerizations by Anion Migrated Ring-Opening of 1-Cyclopropylvinylbenzene and 1-Cyclobutylvinylbenzene. <i>Macromolecules</i> , 2021, 54, 1183-1191.	2.2	9
8	Well-Tailored Dynamic Liquid Crystal Networks with Anionically Polymerized Styrene-Butadiene Rubbers toward Modulating Shape Memory and Self-Healing Capacity. <i>Macromolecules</i> , 2021, 54, 2691-2702.	2.2	17
9	Seismic fragility analysis of transmission towers considering effects of soil-structure interaction and depth-varying ground motion inputs. <i>Bulletin of Earthquake Engineering</i> , 2021, 19, 4311-4337.	2.3	8
10	Introducing Mechanochemistry into Rubber Processing: Green-Functionalized Cross-Linking Network of Butadiene Elastomer. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8053-8058.	3.2	11
11	Alternating Copolymerization Realized with Alternating Transformation of Anion-Migrated Ring-Opening Polymerization and Anionic Polymerization Mechanisms. <i>Macromolecules</i> , 2021, 54, 7269-7281.	2.2	5
12	Fragility Comprehensive Assessment of Low-Rise Cold-Formed Steel Framed Wall Structure Subjected to Wind Load. <i>Shock and Vibration</i> , 2021, 2021, 1-17.	0.3	0
13	Titanium carbide/zeolite imidazole framework-8/poly(lactic acid) electrospun membrane for near-infrared regulated photothermal/photodynamic therapy of drug-resistant bacterial infections. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 390-403.	5.0	48
14	Fragility assessment and optimum design of a steel-concrete frame structure with hybrid energy-dissipated devices under multi-hazards of earthquake and wind. <i>Engineering Structures</i> , 2021, 245, 112878.	2.6	21
15	Investigation on the alternating and gradient anionic copolymerization of 4-methylenethiochromane (META) and isoprene modified with additives. <i>Polymer Journal</i> , 2020, 52, 145-152.	1.3	1
16	Fragility Analysis of Concrete-Filled Steel Tubular Frame Structures with BRBs under Multiple Earthquakes Considering Strain Rate Effects. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 165.	1.3	4
17	Experimental and analytical investigations on new viscoelastic damped joints for seismic mitigation of structures with precast shear walls. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2485.	1.9	13
18	Thermally Controlled On/Off Switch in a Living Anionic Polymerization of 1-Cyclopropylvinylbenzene with an Anion Migrated Ring-Opening Mechanism. <i>Macromolecules</i> , 2020, 53, 9200-9207.	2.2	10

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19	Sequence regulation in living anionic terpolymerization of styrene and two categories of 1,1-diphenylethylene (DPE) derivatives. <i>Polymer Chemistry</i> , 2020, 11, 5163-5172.	1.9	12
20	Unlocking features of locked-unlocked anionic polymerization. <i>Polymer Chemistry</i> , 2020, 11, 7696-7703.	1.9	3
21	Development of Hysteretic Model with Dynamic Effect and Deterioration for Seismic-Performance Analysis of Reinforced Concrete Structures. <i>Journal of Structural Engineering</i> , 2020, 146, .	1.7	9
22	Investigating the effect of grafting density on the surface properties for sequence-determined fluoropolymer films. <i>Polymer Chemistry</i> , 2020, 11, 6206-6214.	1.9	4
23	Seismic Response Analyses of Transmission Towers under Multidimensional Ground Motions with Rocking and Torsion Components. <i>Journal of Aerospace Engineering</i> , 2020, 33, .	0.8	7
24	Experimental investigation on the hysteretic behavior of precast concrete walls with energy-dissipated dry connections. <i>Structural Concrete</i> , 2020, 21, 2836-2853.	1.5	4
25	Cooperative and Independent Effect of Modular Functionalization on Mesomorphic Performances and Microphase Separation of Well-Designed Liquid Crystalline Diblock Copolymers. <i>Chemistry - A European Journal</i> , 2020, 26, 11199-11208.	1.7	5
26	Probabilistic analysis on time-dependent mechanical behavior of post-tensioned self-centering concrete connections. <i>Engineering Structures</i> , 2020, 218, 110856.	2.6	3
27	Seismic performance evaluation of large-span offshore cable-stayed bridges under non-uniform earthquake excitations including strain rate effect. <i>Science China Technological Sciences</i> , 2020, 63, 1177-1187.	2.0	6
28	Regulation of <i>cis</i> and <i>trans</i> microstructures of isoprene units in alternating copolymers <i>via</i> -living species in anionic polymerization. <i>Polymer Chemistry</i> , 2020, 11, 2708-2714.	1.9	7
29	Determination of refractive index increment of synthetic polybutadienes and microstructural control of grafting density and liquid crystalline properties. <i>Polymer Chemistry</i> , 2020, 11, 2559-2567.	1.9	7
30	Optical Multipath RF Self-Interference Cancellation Based on Phase Modulation for Full-Duplex Communication. <i>IEEE Photonics Journal</i> , 2020, 12, 1-14.	1.0	20
31	Synthesis of polymeric topological isomers based on sequential Ugi-4CR and thiol-ene click reactions with sequence-controlled amino-functionalized polymers. <i>Polymer Chemistry</i> , 2020, 11, 1970-1984.	1.9	3
32	Multihazard fragility assessment of steel-concrete composite frame structures with buckling-restrained braces subjected to combined earthquake and wind. <i>Structural Design of Tall and Special Buildings</i> , 2020, 29, e1746.	0.9	13
33	Seismic performance of precast concrete-filled circular tube segmental column under biaxial lateral cyclic loadings. <i>Bulletin of Earthquake Engineering</i> , 2019, 17, 271-296.	2.3	31
34	Variation characteristic of drilling force and influence of cutting parameter of SiCp/Al composite thin-walled workpiece. <i>Advances in Manufacturing</i> , 2019, 7, 288-302.	3.2	12
35	Novel Features of 9-Methylene-9-thioxanthene (MTAE) in Living Anionic Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900052.	1.1	1
36	Living anionic copolymerization of DPE derivatives containing alkynyl with controlled kinetic behaviors and monomer sequence. <i>European Polymer Journal</i> , 2019, 120, 109212.	2.6	6

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37	Modeling of force-displacement behavior of post-tensioned self-centering concrete connections. <i>Engineering Structures</i> , 2019, 198, 109538.	2.6	9
38	Experimental and numerical investigations on seismic behavior of hybrid braced precast concrete shear walls. <i>Engineering Structures</i> , 2019, 198, 109560.	2.6	23
39	Experimental research on dynamic mechanical properties of metal tailings porous concrete. <i>Construction and Building Materials</i> , 2019, 213, 20-31.	3.2	26
40	Cyclic test and numerical study of precast segmental concrete columns with BFRP and TEED. <i>Bulletin of Earthquake Engineering</i> , 2019, 17, 3475-3494.	2.3	40
41	Interval estimation and optimization for motion trajectory of overhead crane under uncertainty. <i>Nonlinear Dynamics</i> , 2019, 96, 1693-1715.	2.7	53
42	Synthesis of monodisperse isomeric oligomers based on <i>meta</i> - and linear/star-monomer precursors with Ugi-hydrosilylation orthogonal cycles. <i>Polymer Chemistry</i> , 2019, 10, 2758-2763.	1.9	4
43	The investigation on synthesis of periodic polymers with 1,1-diphenylethylene (DPE) derivatives via living anionic polymerization. <i>Polymer</i> , 2019, 169, 95-105.	1.8	15
44	Damage probability analysis of a high-rise building against wind excitation with recorded field data and direction effect. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2019, 184, 10-22.	1.7	29
45	Dynamic Modified Model for RC Columns Based on Experimental Observations and Bayesian Updating Method. <i>Journal of Engineering Mechanics - ASCE</i> , 2019, 145, .	1.6	8
46	Synthesis of Alkyne-functionalized Polymers via Living Anionic Polymerization and Investigation of Features during the Post-Click Reaction. <i>Chinese Journal of Polymer Science (English)</i> 2019, 31(10), 1015-1022.	1.6	0
47	Seismic Performance Assessment of RC Frame Structures Subjected to Far-Field and Near-Field Ground Motions Considering Strain Rate Effect. <i>International Journal of Structural Stability and Dynamics</i> , 2018, 18, 1850127.	1.5	13
48	Experimental and numerical investigations on seismic responses of reinforced concrete structures considering strain rate effect. <i>Construction and Building Materials</i> , 2018, 173, 672-686.	3.2	32
49	Seismic fragility analyses of sea-crossing cable-stayed bridges subjected to multi-support ground motions on offshore sites. <i>Engineering Structures</i> , 2018, 165, 441-456.	2.6	104
50	Investigation of the Locked-Unlocked Mechanism in Living Anionic Polymerization Realized with 1-(Triisopropoxymethylsilylphenyl)-1-phenylethylene. <i>Angewandte Chemie</i> , 2018, 130, 16776-16781.	1.6	0
51	Investigation of the Locked-Unlocked Mechanism in Living Anionic Polymerization Realized with 1-(Triisopropoxymethylsilylphenyl)-1-phenylethylene. <i>Angewandte Chemie - International Edition</i> , 2018, 57(2), 16538-16543.	1.6	26
52	Sequence Features of Sequence-Controlled Polymers Synthesized by 1,1-Diphenylethylene Derivatives with Similar Reactivity during Living Anionic Polymerization. <i>Macromolecules</i> , 2018, 51, 5891-5903.	2.2	26
53	Evaluation of Temporal and Spatial Ecosystem Services in Dalian, China: Implications for Urban Planning. <i>Sustainability</i> , 2018, 10, 1247.	1.6	10
54	Simulation of multi-support depth-varying earthquake ground motions within heterogeneous onshore and offshore sites. <i>Earthquake Engineering and Engineering Vibration</i> , 2018, 17, 475-490.	1.1	23

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55	Machinery condition prediction based on wavelet and support vector machine. Journal of Intelligent Manufacturing, 2017, 28, 1045-1055.	4.4	38
56	Modeling and Simulation of Spatially Correlated Ground Motions at Multiple Onshore and Offshore Sites. Journal of Earthquake Engineering, 2017, 21, 359-383.	1.4	45
57	Vertical-to-horizontal response spectral ratio for offshore ground motions: Analysis and simplified design equation. Journal of Central South University, 2017, 24, 203-216.	1.2	21
58	Facile Synthesis of In-chain, Multicomponent, Functionalized Polymers via Living Anionic Copolymerization through the Ugi Four-Component Reaction (Ugi-4CR). Macromolecular Rapid Communications, 2017, 38, 1700353.	2.0	20
59	Performance-Based Seismic Assessment of Superelastic Shape Memory Alloy-Reinforced Bridge Piers Considering Residual Deformations. Journal of Earthquake Engineering, 2017, 21, 1050-1069.	1.4	34
60	Seismic Fragility Analysis of Reinforced Concrete Bridges with Chloride Induced Corrosion Subjected to Spatially Varying Ground Motions. International Journal of Structural Stability and Dynamics, 2016, 16, 1550010.	1.5	40
61	Theoretical modeling and numerical simulation of seismic motions at seafloor. Soil Dynamics and Earthquake Engineering, 2015, 77, 220-225.	1.9	58
62	Exponential smoothing model for condition monitoring: A case study. , 2013, , .		4
63	Machinery condition prediction based on wavelet and support vector machine. , 2013, , .		3
64	Dependence of the Liquid Crystalline Properties on the Exactly Controlled Single-Site Functionalized Density of Mesogens focused on the Alternating Copolymer Model. Polymer Chemistry, 0, , .	1.9	1