

Li Zhongwei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7675791/publications.pdf>

Version: 2024-02-01

82
papers

1,049
citations

394421

19
h-index

552781

26
g-index

83
all docs

83
docs citations

83
times ranked

1235
citing authors

#	ARTICLE	IF	CITATIONS
1	Supramolecular topology controlled self-healing conformal hydrogels for stable human-machine interfaces. <i>Journal of Materials Chemistry C</i> , 2022, 10, 8077-8088.	5.5	16
2	Control Viscoelasticity of Polymer Networks with Crosslinks of Superposed Fast and Slow Dynamics. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22332-22338.	13.8	28
3	Control Viscoelasticity of Polymer Networks with Crosslinks of Superposed Fast and Slow Dynamics. <i>Angewandte Chemie</i> , 2021, 133, 22506-22512.	2.0	4
4	Control Viscoelasticity of Polymer Networks with Crosslinks of Superposed Fast and Slow Dynamics (<i>Angew. Chem.</i> 41/2021). <i>Angewandte Chemie</i> , 2021, 133, 22768-22768.	2.0	0
5	Synthesis of a Micro-Crosslinked Polyacrylamide Flocculant and Its Application in Treatment of Oily Produced Water. <i>Energy & Fuels</i> , 2021, 35, 18396-18405.	5.1	6
6	Doubly Dynamic Hydrogel Formed by Combining Boronate Ester and Acylhydrazone Bonds. <i>Polymers</i> , 2020, 12, 487.	4.5	21
7	Hexanoate-Cucurbit[7]uril: Highly Soluble with Controlled Release Ability. <i>Chemistry - A European Journal</i> , 2020, 26, 9445-9448.	3.3	11
8	Proanthocyanidin-Based Polyether Demulsifiers for the Treatment of Aging Oil Emulsions. <i>Energy & Fuels</i> , 2020, 34, 5788-5797.	5.1	16
9	Tunable Fluorescence-Responsive Double Hydrophilic Block Polymers Induced by the Formation of Pseudopolyrotaxanes with Cucurbit[7]Uril. <i>Polymers</i> , 2019, 11, 1470.	4.5	6
10	Heavy Oil Viscosity Reduction Performance of Novel Water-Soluble Terpolymers. <i>Energy & Fuels</i> , 2019, 33, 9736-9746.	5.1	26
11	A facile method to fabricate thermo- and pH-sensitive hydrogels with good mechanical performance based on poly(ethylene glycol) methyl ether methacrylate and acrylic acid as a potential drug carriers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 1375-1398.	3.5	24
12	G-Quadruplex based hydrogels stabilized by a cationic polymer as an efficient adsorbent of picric acid. <i>New Journal of Chemistry</i> , 2019, 43, 18331-18338.	2.8	9
13	Practical Modification of Tannic Acid Polyether Demulsifier and Its Highly Efficient Demulsification for Water-in-Aging Crude Oil Emulsions. <i>ACS Omega</i> , 2019, 4, 20697-20707.	3.5	12
14	New lanthanide-based complexes constructed from cucurbit[6]uril: Synthesis, structures and properties. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1442-1459.	2.2	2
15	Self-Assembly of Europium-Containing Polyoxometalates/Tetra-alkyl Ammonium with Enhanced Emission for Cu ²⁺ Detection. <i>ACS Omega</i> , 2018, 3, 14953-14961.	3.5	12
16	Long Branched-Chain Amphiphilic Copolymers: Synthesis, Properties, and Application in Heavy Oil Recovery. <i>Energy & Fuels</i> , 2018, 32, 7002-7010.	5.1	24
17	Design and fabrication of a triple-responsive chitosan-based hydrogel with excellent mechanical properties for controlled drug delivery. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	24
18	Permeable, robust and magnetic hydrogel beads: water droplet templating synthesis and utilization for heavy metal ions removal. <i>Journal of Materials Science</i> , 2018, 53, 15009-15024.	3.7	23

#	ARTICLE	IF	CITATIONS
19	GMP-quadruplex-based hydrogels stabilized by lanthanide ions. <i>Science China Chemistry</i> , 2018, 61, 604-612.	8.2	24
20	Noval tannic acid-based polyether as an effective demulsifier for water-in-oil emulsions. <i>Chemical Engineering Journal</i> , 2018, 354, 1110-1119.	12.7	65
21	Preparation of dithiocarbamate polymer brush grafted nanocomposites for rapid and enhanced capture of heavy metal ions. <i>RSC Advances</i> , 2017, 7, 13112-13122.	3.6	27
22	Surface Rheological Properties of Hydrophobically Modified Polyacrylamide and Imidazolium Surfactant Systems. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 529-539.	2.1	9
23	Surface Activity Properties and Aggregation Behaviors of Partially Fluorinated Gemini Surfactants in Aqueous Solution. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 543-552.	2.1	7
24	Differences between the Interactions of Linear and Tetrahedron-like Ditopic Guests with Cucurbit[8]uril: Steric Hindrance and Molecular Structure Play Dominant Roles. <i>Chemistry - an Asian Journal</i> , 2017, 12, 476-483.	3.3	3
25	Thermal responsiveness and binding affinity of cucurbit[7]uril terminal poly(<i>N</i> -isopropylacrylamide). <i>New Journal of Chemistry</i> , 2017, 41, 14831-14834.	2.8	1
26	Controlled gelation kinetics of cucurbit[7]uril-adamantane cross-linked supramolecular hydrogels with competing guest molecules. <i>Scientific Reports</i> , 2016, 6, 20722.	3.3	36
27	Synthesis and Properties of a Novel Branched Polyether Surfactant. <i>Journal of Surfactants and Detergents</i> , 2016, 19, 1107-1120.	2.1	10
28	Long circulating 10-hydroxycamptothecin-loaded nanoparticles fabricated from poly(ethylene glycol)-b-poly(L-lactide). <i>Applied Chemistry</i> , 2016, 53, 636-643.	2.2	1
29	Synthesis and properties of novel branched polyether as demulsifiers for polymer flooding. <i>Colloid and Polymer Science</i> , 2016, 294, 1943-1958.	2.1	33
30	Long circulating 10-hydroxycamptothecin-loaded nanoparticles fabricated from poly(ethylene glycol)-b-poly(L-lactide). <i>Applied Chemistry</i> , 2016, 53, 773-780.	2.2	1
31	Physically cross-linked pH-responsive chitosan-based hydrogels with enhanced mechanical performance for controlled drug delivery. <i>RSC Advances</i> , 2016, 6, 106035-106045.	3.6	43
32	Synthesis and characterization of modified xanthan gum using poly(maleic anhydride/1-octadecene). <i>Colloid and Polymer Science</i> , 2016, 294, 1333-1341.	2.1	18
33	Effect of Inorganic Salts on the Aggregation Behavior of AOT at the Air/Water Interface. <i>Journal of Surfactants and Detergents</i> , 2016, 19, 1015-1024.	2.1	4
34	An "in-water" halogen-ion compatible "click" catalyst for cucurbituril guest ligation. <i>Supramolecular Chemistry</i> , 2016, 28, 801-809.	1.2	10
35	Synthesis, characterization, and properties of copolymers of acrylamide with sodium 2-acrylamido-2-methylpropane sulfonate with nano silica structure. <i>Colloid and Polymer Science</i> , 2015, 293, 1307-1316.	2.1	18
36	Aggregation and thermal gelation of N-isopropylacrylamide based cucurbit[7]uril side-chain polypseudorotaxanes with low pseudorotaxane content. <i>RSC Advances</i> , 2015, 5, 20684-20690.	3.6	10

#	ARTICLE	IF	CITATIONS
37	Synthesis, Characterization and Aqueous Properties of a New Hybrid Fluorocarbon Cationic Surfmr. <i>Journal of Surfactants and Detergents</i> , 2015, 18, 233-244.	2.1	12
38	Aggregation behavior of X-shaped branched block copolymers at the air/water interface: effect of block sequence and temperature. <i>Colloid and Polymer Science</i> , 2015, 293, 97-107.	2.1	22
39	Synthesis of linear cucurbit[7]uril pendent copolymers through radical polymerization: Polymers with ultra-high binding affinity. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1748-1752.	2.3	13
40	Aggregation behavior of partially fluorinated Gemini surfactants in aqueous solution: Effect of headgroups. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 25-33.	4.7	12
41	Modification of the stability of oil-in-water nano-emulsions by polymers with different structures. <i>Colloid and Polymer Science</i> , 2014, 292, 1297-1306.	2.1	18
42	Side-chain polypseudorotaxanes by threading cucurbit[6]uril onto N ^ε -3-vinylbenzyl-diaminobutane dihydrochloride: synthesis, characterization, and properties. <i>Journal of Polymer Research</i> , 2013, 20, 1.	2.4	2
43	Synthesis, characterization, and aqueous properties of new amphiphilic copolymer with fluorocarbon groups. <i>Colloid and Polymer Science</i> , 2013, 291, 2815-2823.	2.1	6
44	Effect of inorganic salts on the aggregation behavior of branched block polyether at air/water and n-heptane/water interfaces. <i>Colloid and Polymer Science</i> , 2013, 291, 2825-2836.	2.1	16
45	Fabrication of the weak gel based on hydrolyzed polyacrylamide crosslinked by inorganic-organic mixed crosslinker. <i>Journal of Polymer Research</i> , 2013, 20, 1.	2.4	6
46	Cucurbit[8]uril inducing supramolecular hydrogels by adjusting pH. <i>RSC Advances</i> , 2013, 3, 3031.	3.6	26
47	A supramolecular switch based on three binding states of a pyrene derivate: a reversible three-state switch with only two stimuli. <i>RSC Advances</i> , 2013, 3, 13311.	3.6	13
48	Stimuli-responsive behavior of complex micelles based on double hydrophilic block copolymer and fluorescent indicator. <i>Colloid and Polymer Science</i> , 2013, 291, 459-468.	2.1	3
49	A novel twin-tailed hydrophobically associating copolymer: synthesis, characterization and solution properties. <i>Polymer Bulletin</i> , 2013, 70, 3547-3562.	3.3	6
50	Synthesis and Aggregation Behavior of Copolymer of Acrylamide with Pseudorotaxane Monomer by Threading Cucurbit[6]uril onto N ^ε -(4-vinylbenzyl)-1,4-diaminobutane Dihydrochloride. <i>Journal of Dispersion Science and Technology</i> , 2012, 33, 639-646.	2.4	2
51	Synthesis, characterisation and properties of star polypseudorotaxanes with cucurbit[7]uril. <i>Supramolecular Chemistry</i> , 2012, 24, 833-840.	1.2	3
52	Adsorption kinetics and adsorption isotherm studies of chromium from aqueous solutions by HPAM-chitosan gel beads. <i>Desalination and Water Treatment</i> , 2012, 45, 222-228.	1.0	14
53	Solution properties of hydrophobically modified acrylamide-based polysulfobetaines in the presence of surfactants. <i>Colloid and Polymer Science</i> , 2012, 290, 1237-1245.	2.1	13
54	Improving Performances of Hydrophobically Modified Polyacrylamide in Mineralized Water by Block Polyether with Branched Structure. <i>Journal of Dispersion Science and Technology</i> , 2012, 33, 697-703.	2.4	17

#	ARTICLE	IF	CITATIONS
55	Synthesis and properties of block polypseudorotaxanes by threading cucurbit[6]uril. Iranian Polymer Journal (English Edition), 2012, 21, 783-792.	2.4	3
56	Synthesis and multi-stimuli-responsive behavior of copolymer of N,N-dimethylacrylamide and complex pseudorotaxane. Polymer Bulletin, 2012, 69, 199-217.	3.3	3
57	Experimental research and DPD simulation on the interaction between an ethoxy-modified trisiloxane and F127. Colloid and Polymer Science, 2012, 290, 953-964.	2.1	5
58	Synthesis and characterization of pH-responsive diblock copolymers with cadaverine side groups. Colloid and Polymer Science, 2012, 290, 1065-1075.	2.1	3
59	Morphology Control of Barium Sulfate by Poly(ethylene glycol)-poly(sodium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582	2.4	2
60	Dilational Rheological Properties of Fluorocarbon Modified Poly(acrylamide)s at the Air/Water Surface. Journal of Dispersion Science and Technology, 2011, 32, 174-184.	2.4	3
61	Synthesis of copolymer of acrylamide with sodium vinylsulfonate and its thermal stability in solution. Journal of Polymer Research, 2011, 18, 171-178.	2.4	31
62	Synthesis, characterization and solution properties of a double-hydrophilic multiblock copolymer with sulfonic groups. Journal of Polymer Research, 2011, 18, 753-762.	2.4	3
63	Aggregation behavior of poly(methacrylic acid) with cucurbit[7]uril and the effect of ammonia ions on aggregation. Journal of Polymer Research, 2011, 18, 1735-1742.	2.4	2
64	Synthesis and properties of new polymeric surfactant with quaternary ammonium salt. Colloid and Polymer Science, 2011, 289, 1579-1587.	2.1	7
65	Synthesis and properties of hydrophobically modified acrylamide-based polysulfobetaines. Polymer Bulletin, 2011, 66, 17-35.	3.3	21
66	Cucurbit[7]uril moving on side chains of polypseudorotaxanes: Synthesis, characterization, and properties. Journal of Polymer Science Part A, 2011, 49, 2138-2146.	2.3	17
67	Synthesis and Properties of pH-Responsive Polymers with Cadaverine Side Groups. Journal of Macromolecular Science - Pure and Applied Chemistry, 2011, 48, 816-822.	2.2	2
68	Water-dispersible carbon nanotubes from a mixture of an ethoxy-modified trisiloxane and pluronic block copolymer F127. Colloid and Polymer Science, 2010, 288, 1665-1675.	2.1	34
69	A study of aggregation behavior of a sulfobetaine copolymer in dilute solution. Journal of Polymer Research, 2010, 17, 557-566.	2.4	11
70	Fabrication and properties of superabsorbent complex gel beads composed of hydrolyzed polyacrylamide and chitosan. Journal of Applied Polymer Science, 2010, 116, 3338-3345.	2.6	11
71	Side-chain polypseudorotaxanes by threading cucurbit[7]uril onto poly(N-butylacrylamide)- β -cyclodextrin(4-vinylbenzyl)- β -cyclodextrin: Synthesis, characterization, and properties. Journal of Polymer Science Part A, 2010, 48, 2135-2142.	2.3	20
72	Synthesis, Characterization and Aqueous Solution Behavior of a pH-responsive Double Hydrophilic Block Copolymer. Journal of Macromolecular Science - Pure and Applied Chemistry, 2010, 47, 770-776.	2.2	2

#	ARTICLE	IF	CITATIONS
73	Aggregation Behavior of Copolymer Containing Sulfobetaine Structure in Aqueous Solution. Journal of Macromolecular Science - Physics, 2010, 49, 695-710.	1.0	9
74	Interaction Between the Hydrophobically Modified Polyacrylamide and HPAM-Flooding Produced Liquid. Journal of Dispersion Science and Technology, 2010, 31, 894-901.	2.4	1
75	Effect of pH on Gelation Behavior of Hydrolyzed Polyacrylamide and O-carboxymethyl Chitosan Mixed System. Journal of Macromolecular Science - Pure and Applied Chemistry, 2010, 47, 595-601.	2.2	4
76	Conformation and Aggregation Behavior of Polyelectrolyte with Primary Amino Pendant Groups in Water or THF/Water Binary Solvent Mixture and Their Effect on the Morphology of AOT Vesicles in Aqueous Media. Journal of Dispersion Science and Technology, 2009, 30, 1036-1045.	2.4	2
77	Synthesis of biodegradable amphiphilic thermo-responsive multiblock polycarbonate and its self-aggregation behavior in aqueous solution. Journal of Applied Polymer Science, 2009, 112, 1425-1435.	2.6	10
78	Aggregation behavior of block polyethers with branched structure at air/water surface. European Polymer Journal, 2009, 45, 2540-2548.	5.4	26
79	Gelation Behavior of Thermo-Responsive Poly(ethylene oxide) and Poly(propylene oxide) Multiblock Polycarbonates. Journal of Macromolecular Science - Pure and Applied Chemistry, 2009, 46, 397-404.	2.2	5
80	Synthesis, characterization, and properties of copolymer of acrylamide and complex pseudorotaxane monomer consisting of cucurbit[6]uril with butyl ammonium methacrylate. Journal of Polymer Science Part A, 2008, 46, 5999-6008.	2.3	16
81	Fabrication of cucurbit[6]uril mediated alginate physical hydrogel beads and their application as a drug carriers. E-Polymers, 2008, 8, .	3.0	4
82	Aggregation Behavior of Cationic Copolymer Methacryloxyethyl Trimethyl Ammonium Chloride-Butyl Acrylate-Acrylamide in Aqueous Solution. Journal of Dispersion Science and Technology, 2008, 29, 70-76.	2.4	3