Liu-Lin Yang

List of Publications by Year
in descending order

41	2,375	304743 22	302126 39
papers	citations	h-index	g-index

43	43	43	3196
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Supramolecular Polymers: Historical Development, Preparation, Characterization, and Functions. Chemical Reviews, 2015, 115, 7196-7239.	47.7	1,065
2	Supramolecular Polymerization Promoted and Controlled through Selfâ€Sorting. Angewandte Chemie - International Edition, 2014, 53, 5351-5355.	13.8	200
3	Nanographeneâ€“Osmapentalyne Complexes as a Cathode Interlayer in Organic Solar Cells Enhance Efficiency over 18%. Advanced Materials, 2021, 33, e2101279.	21.0	129
4	Supramolecular Self-Assembly Induced Adjustable Multiple Gating States of Nanofluidic Diodes. Journal of the American Chemical Society, 2016, 138, 16372-16379.	13.7	82
5	Supramolecular polymer fabricated by click polymerization from supramonomer. Polymer Chemistry, 2014, 5, 323-326.	3.9	74
6	Reactive oxygen species (ROS)-responsive tellurium-containing hyperbranched polymer. Polymer Chemistry, 2015, 6, 2817-2821.	3.9	60
7	Selfâ€Assembly of Proteins: Towards Supramolecular Materials. Chemistry - A European Journal, 2016, 22, 15570-15582.	3.3	54
8	Controllable Supramolecular Polymerization through Hostâ€“Guest Interaction and Photochemistry. ACS Macro Letters, 2015, 4, 611-615.	4.8	53
9	Water-soluble supramolecular polymers fabricated through specific interactions between cucurbit[8]uril and a tripeptide of Phe-Gly-Gly. Polymer Chemistry, 2013, 4, 5378.	3.9	52
10	Rational Adjustment of Multicolor Emissions by Cucurbiturils-Based Hostâ€“Guest Chemistry and Photochemistry. Langmuir, 2013, 29, 12909-12914.	3.5	48
11	Templated Formation of Luminescent Virus-like Particles by Tailor-Made Pt(II) Amphiphiles. Journal of the American Chemical Society, 2018, 140, 2355-2362.	13.7	42
12	Addition of alkynes and osmium carbynes towards functionalized dï€â€“pï€ conjugated systems. Nature Communications, 2020, 11, 4651.	12.8	41
13	Supramolecular Glycolipid Based on Host-Enhanced Charge Transfer Interaction. Langmuir, 2013, 29, 12375-12379.	3.5	37
14	Amphiphilic diselenide-containing supramolecular polymers. Polymer Chemistry, 2015, 6, 681-685.	3.9	37
15	Truncated Face-Rotating Polyhedra Constructed from Pentagonal Pentaphenylpyrrole through Graph Theory. Journal of the American Chemical Society, 2020, 142, 16223-16228.	13.7	33
16	Supramolecular polymerization of supramonomers: a way for fabricating supramolecular polymers. Polymer Chemistry, 2014, 5, 5895-5899.	3.9	32
17	Dynamic Polymer Network System Mediated by Radically Exchangeable Covalent Bond and Carbolong Complex. ACS Macro Letters, 2020, 9, 344-349.	4.8	30
18	Measurement of critical concentration for mesophase formation of chitosan derivatives in both aqueous and organic solutions. Polymer International, 2006, 55, 1444-1449.	3.1	25

#	Article	IF	Citations
19	Supra-amphiphiles formed by complexation of azulene-based amphiphiles and pyrene in aqueous solution: from cylindrical micelles to disklike nanosheets. Chemical Communications, 2013, 49, 1808.	4.1	25
20	Supramolecular polymers synthesized by thiolâ€“ene click polymerization from supramonomers. Polymer Chemistry, 2015, 6, 369-372.	3.9	25
21	Revealing unconventional hostâ€“guest complexation at nanostructured interface by surface-enhanced Raman spectroscopy. Light: Science and Applications, 2021, 10, 85.	16.6	24
22	Crystal morphology study of N,Nâ€²-diacetylchitobiose by molecular dynamics simulation. Carbohydrate Research, 2011, 346, 2457-2462.	2.3	23
23	Immobilization of catalytic virus-like particles in a flow reactor. Chemical Communications, 2017, 53, 7632-7634.	4.1	20
24	Cucurbit[7]uril as a â€œprotective agentâ€• controlling photochemistry and detecting 1-adamantanamine. Chemical Communications, 2013, 49, 3905.	4.1	14
25	Compartmentalized supramolecular hydrogels based on viral nanocages towards sophisticated cargo administration. Nanoscale, 2018, 10, 4123-4129.	5.6	14
26	Compartmentalized Thin Films with Customized Functionality via Interfacial Crossâ€linking of Protein Cages. Advanced Functional Materials, 2018, 28, 1801574.	14.9	13
27	Conjugated polymers based on metalla-aromatic building blocks. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	12
28	Preparation, Characterization and Osteoblastic Activity of Chitosan/Polycaprolactone/In SituHydroxyapatite Scaffolds. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 1755-1770.	3.5	11
29	Tough self-reporting elastomer with NIR induced shape memory effect. Giant, 2021, 8, 100069.	5.1	10
30	Self-assembling 1D core/shell microrods by the introduction of additives: a one-pot and shell-tunable method. Chemical Science, 2015, 6, 4907-4911.	7.4	8
31	Optically reconfigurable shape memory metallo-polymer mediated by a carbolong complex and radically exchangeable covalent bond. Polymer Chemistry, 2022, 13, 1844-1851.	3.9	8
32	Construction of core-shell hybrid nanoparticles templated by virus-like particles. RSC Advances, 2017, 7, 56328-56334.	3.6	6
33	Hollow and highly diastereoselective face-rotating polyhedra constructed through rationally engineered facial units. Chemical Science, 2021, 12, 11730-11734.	7.4	6
34	Synthesis and liquid crystallinity of dendronized carbohydrate liquid crystal. Carbohydrate Research, 2012, 347, 40-46.	2.3	4
35	Quantification and Prediction of Imine Formation Kinetics in Aqueous Solution by Microfluidic NMR Spectroscopy. Chemistry - A European Journal, 2021, 27, 9508-9513.	3.3	4
36	Dendronized Carbohydrates â…â€”Molecular Design and Synthesis. Acta Chimica Sinica, 2012, 70, 21.	1.4	4

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37	Spotted seal Phoca largha underwater vocalisations in relation to ambient noise. Marine Ecology - Progress Series, 2022, 683, 209-220.	1.9	4
38	Supramolecular copolymerization through self-correction of non-polymerizable transient intermediates. Chemical Science, 2022, 13, 7796-7804.	7.4	1
39	Dendronized Carbohydratesâ…¡â€”Liquid Crystallinity Study. Acta Chimica Sinica, 2012, 70, 27.	1.4	0
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41	Catassemblers Mediate Feedback Loops to Regulate the Complex Molecular Assembly Networks. , 2022, , .		0