

Yong Chen

List of Publications by Year in descending order

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104
papers

4,355
citations

126907

33
h-index

118850

62
g-index

109
all docs

109
docs citations

109
times ranked

4119
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclodextrin-based bioactive supramolecular assemblies. <i>Chemical Society Reviews</i> , 2010, 39, 495-505.	38.1	440
2	Efficient Room-Temperature Phosphorescence of a Solid-State Supramolecule Enhanced by Cucurbit[6]uril. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6028-6032.	13.8	250
3	A Supramolecular Artificial Light-Harvesting System with an Ultrahigh Antenna Effect. <i>Advanced Materials</i> , 2017, 29, 1701905.	21.0	209
4	Ultralong purely organic aqueous phosphorescence supramolecular polymer for targeted tumor cell imaging. <i>Nature Communications</i> , 2020, 11, 4655.	12.8	186
5	In Situ Photoconversion of Multicolor Luminescence and Pure White Light Emission Based on Carbon Dot-Supported Supramolecular Assembly. <i>Journal of the American Chemical Society</i> , 2019, 141, 6583-6591.	13.7	165
6	Reversibly Photoswitchable Supramolecular Assembly and Its Application as a Photoerasable Fluorescent Ink. <i>Advanced Materials</i> , 2017, 29, 1605271.	21.0	137
7	Supramolecular Assemblies with Near-Infrared Emission Mediated in Two Stages by Cucurbituril and Amphiphilic Calixarene for Lysosome-Targeted Cell Imaging. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12519-12523.	13.8	125
8	Photocontrolled Reversible Conversion of Nanotube and Nanoparticle Mediated by β -Cyclodextrin Dimers. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9376-9380.	13.8	111
9	Controllable macrocyclic supramolecular assemblies in aqueous solution. <i>Science China Chemistry</i> , 2018, 61, 979-992.	8.2	108
10	Tunable Supramolecular Assembly and Photoswitchable Conversion of Cyclodextrin/Diphenylalanine-Based 1D and 2D Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7062-7065.	13.8	88
11	Polysaccharide-Gold Nanocluster Supramolecular Conjugates as a Versatile Platform for the Targeted Delivery of Anticancer Drugs. <i>Scientific Reports</i> , 2014, 4, 4164.	3.3	86
12	Multidimensional nanoarchitectures based on cyclodextrins. <i>Chemical Communications</i> , 2010, 46, 5622.	4.1	83
13	Photo-responsive cyclodextrin/anthracene/ Eu^{3+} supramolecular assembly for a tunable photochromic multicolor cell label and fluorescent ink. <i>Chemical Science</i> , 2019, 10, 3346-3352.	7.4	79
14	Tunable white-light emission by supramolecular self-sorting in highly swollen hydrogels. <i>Chemical Communications</i> , 2018, 54, 200-203.	4.1	73
15	Purely organic light-harvesting phosphorescence energy transfer by β -cyclodextrin pseudorotaxane for mitochondria targeted imaging. <i>Chemical Science</i> , 2021, 12, 1851-1857.	7.4	69
16	Construction and Functions of Cyclodextrin-Based 1D Supramolecular Strands and their Secondary Assemblies. <i>Advanced Materials</i> , 2015, 27, 5403-5409.	21.0	67
17	A Dynamic Tetracationic Macrocyclic Exhibiting Photoswitchable Molecular Encapsulation. <i>Journal of the American Chemical Society</i> , 2019, 141, 1280-1289.	13.7	66
18	Reversible photo-gated transmembrane channel assembled from an acylhydrazone-containing crown ether triad. <i>Chemical Communications</i> , 2017, 53, 3681-3684.	4.1	62

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19	Efficient Room-Temperature Phosphorescence of a Solid-State Supramolecule Enhanced by Cucurbit[6]uril. <i>Angewandte Chemie</i> , 2019, 131, 6089-6093.	2.0	62
20	Cooperative Multipoint Recognition of Organic Dyes by Bis(-cyclodextrin)s with 2,2'-Bipyridine-4,4'-dicarboxy Tethers. <i>Chemistry - A European Journal</i> , 2001, 7, 2528-2535.	3.3	57
21	Enantioselective Total Synthesis of (S)-THC and (R)-THC via Catalytic Asymmetric Hydrogenation and S _N Ar Cyclization. <i>Organic Letters</i> , 2013, 15, 764-767.	4.6	57
22	Supramolecular ternary polymer mediated by cucurbituril and cyclodextrin. <i>Polymer Chemistry</i> , 2013, 4, 4192.	3.9	57
23	Tunable Second-Level Room-Temperature Phosphorescence of Solid Supramolecules between Acrylamide-Phenylpyridium Copolymers and Cucurbit[7]uril. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	57
24	Supramolecular assembly confined purely organic room temperature phosphorescence and its biological imaging. <i>Chemical Science</i> , 2022, 13, 7976-7989.	7.4	57
25	Sulfonato-β-Cyclodextrin Mediated Supramolecular Nanoparticle for Controlled Release of Berberine. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24987-24992.	8.0	51
26	Bridged Bis(β-cyclodextrin)s Possessing Coordinated Metal Center(s) and Their Inclusion Complexation Behavior with Model Substrates: An Enhanced Molecular Binding Ability by Multiple Recognition. <i>Journal of Organic Chemistry</i> , 2001, 66, 8518-8527.	3.2	49
27	Effective switch-on fluorescence sensing of zinc(II) ion by 8-aminoquinolino-β-cyclodextrin/adamantaneacetic acid system in water. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4537-4542.	3.0	48
28	Polysaccharide-based Noncovalent Assembly for Targeted Delivery of Taxol. <i>Scientific Reports</i> , 2016, 6, 19212.	3.3	44
29	Photo/chemo dual-controlled reversible morphological conversion and chiral modulation of supramolecular nanohelices with nanosquares and nanofibers. <i>Chemical Communications</i> , 2016, 52, 14274-14277.	4.1	40
30	Thermodynamic Origin of Selective Binding of β-Cyclodextrin Derivatives with Chiral Chromophoric Substituents toward Steroids. <i>Journal of Physical Chemistry B</i> , 2010, 114, 16147-16155.	2.6	39
31	Photo-Controllable Catalysis and Chiral Monosaccharide Recognition Induced by Cyclodextrin Derivatives. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7654-7658.	13.8	37
32	Supramolecular Assembly of Gold Nanoparticles Mediated by Polypseudorotaxane with Thiolated-β-Cyclodextrin. <i>Macromolecular Rapid Communications</i> , 2005, 26, 401-406.	3.9	35
33	Cooperative Multiple Recognition by Novel Calix[4]arene-Tethered β-Cyclodextrin and Calix[4]arene-Bridged Bis(β-cyclodextrin). <i>Journal of Organic Chemistry</i> , 2001, 66, 7209-7215.	3.2	33
34	Multistimuli-Responsive and Photocontrolled Supramolecular Luminescent Gels Constructed by Anthracene-Bridged Bis(dibenzo-24-crown-8) with Secondary Ammonium Salt Polymer. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16117-16122.	8.0	33
35	Glucose-Activated Nanoconfinement Supramolecular Cascade Reaction <i>in Situ</i> for Diabetic Wound Healing. <i>ACS Nano</i> , 2022, 16, 9929-9937.	14.6	33
36	Naphthylthiourea-modified permethylcyclodextrin as a highly sensitive and selective "turn-on" fluorescent chemosensor for Hg ²⁺ in water and living cells. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5530.	2.8	32

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37	Highly Elastic Slide-Ring Hydrogel with Good Recovery as Stretchable Supercapacitor. <i>Chemistry - A European Journal</i> , 2020, 26, 14080-14084.	3.3	32
38	Supramolecular Assembly with Near-Infrared Emission for Two-Photon Mitochondrial Targeted Imaging. <i>Small</i> , 2021, 17, e2101185.	10.0	32
39	Molecular Selective Binding of Pyridinium Guest Ions by Water-Soluble Calix[4]arenes. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4581-4588.	2.4	31
40	Multivalent supramolecular assembly with ultralong organic room temperature phosphorescence, high transfer efficiency and ultrahigh antenna effect in water. <i>Chemical Science</i> , 2022, 13, 573-579.	7.4	30
41	Molecular Selective Binding and Nanofabrication of Cucurbituril/Cyclodextrin Pairs. <i>Israel Journal of Chemistry</i> , 2011, 51, 515-524.	2.3	29
42	Directional Water Transfer Janus Nanofibrous Porous Membranes for Particulate Matter Filtration and Volatile Organic Compound Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3109-3118.	8.0	29
43	Polysaccharide-porphyrin-fullerene supramolecular conjugates as photo-driven DNA cleavage reagents. <i>Chemical Communications</i> , 2015, 51, 12266-12269.	4.1	28
44	Phenanthroline bridged bis(β -cyclodextrin)s/adamantane-carboxylic acid supramolecular complex as an efficient fluorescence sensor to Zn ²⁺ . <i>Organic Chemistry Frontiers</i> , 2014, 1, 355.	4.5	27
45	Luminescent lanthanide-macrocyclic supramolecular assembly. <i>Chemical Communications</i> , 2021, 57, 11443-11456.	4.1	27
46	Binding behaviors of scutellarin with α -, β -, γ -cyclodextrins and their derivatives. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 64, 149-155.	1.6	26
47	A dual targeting cyclodextrin/gold nanoparticle conjugate as a scaffold for solubilization and delivery of paclitaxel. <i>RSC Advances</i> , 2015, 5, 8938-8941.	3.6	26
48	Construction and heterogeneous photooxidation reactivity of a cyclodextrin/porphyrin polyrotaxane network. <i>Organic Chemistry Frontiers</i> , 2019, 6, 10-14.	4.5	26
49	Multivalent Supramolecular Self-Assembly between β -Cyclodextrin Derivatives and Polyoxometalate for Photodegradation of Dyes and Antibiotics. <i>ACS Applied Bio Materials</i> , 2019, 2, 5898-5904.	4.6	25
50	Supramolecular Assemblies with Near-Infrared Emission Mediated in Two Stages by Cucurbituril and Amphiphilic Calixarene for Lysosome-Targeted Cell Imaging. <i>Angewandte Chemie</i> , 2018, 130, 12699-12703.	2.0	24
51	Multivalent Supramolecular Assembly Based on a Triphenylamine Derivative for Near-Infrared Lysosome Targeted Imaging. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4417-4422.	8.0	24
52	Stretchable slide-ring supramolecular hydrogel for flexible electronic devices. <i>Communications Materials</i> , 2022, 3, .	6.9	24
53	Supramolecular Assembly of Coronene Derivatives for Drug Delivery. <i>Organic Letters</i> , 2016, 18, 4542-4545.	4.6	23
54	Photo-Controlled Reversible Multicolor Room-Temperature Phosphorescent Solid Supramolecular Pseudopolyrotaxane. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	23

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55	Recycling Gene Carrier with High Efficiency and Low Toxicity Mediated by L-Cystine-Bridged Bis(β -cyclodextrin)s. <i>Scientific Reports</i> , 2014, 4, 7471.	3.3	22
56	Enzyme-Responsive Supramolecular Nanoparticles Based on Carboxyl-Modified Cyclodextrins for Dual Substrate Loading. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 870-874.	2.7	22
57	Construction and efficient dye adsorption of supramolecular hydrogels by cyclodextrin pseudorotaxane and clay. <i>Soft Matter</i> , 2019, 15, 73-77.	2.7	22
58	Amphiphilic multi-charged cyclodextrins and vitamin K co-assembly as a synergistic coagulant. <i>Chemical Communications</i> , 2019, 55, 11790-11793.	4.1	21
59	Polyanionic Cyclodextrin Induced Supramolecular Nanoparticle. <i>Scientific Reports</i> , 2016, 6, 27.	3.3	20
60	Construction and drug delivery of a fluorescent TPE-bridged cyclodextrin/hyaluronic acid supramolecular assembly. <i>RSC Advances</i> , 2016, 6, 50673-50679.	3.6	20
61	Lipid-Polyglutamate Nanoparticle Vaccine Platform. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6011-6022.	8.0	20
62	Photocontrolled Coumarin-diphenylalanine/Cyclodextrin Cross-Linking of 1D Nanofibers to 2D Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6810-6814.	8.0	19
63	Multicharge β -cyclodextrin supramolecular assembly for ATP capture and drug release. <i>Chemical Communications</i> , 2021, 57, 2812-2815.	4.1	18
64	Molecular binding behaviors of triazole-bridged bis(β -cyclodextrin)s towards cinchona alkaloids. <i>New Journal of Chemistry</i> , 2013, 37, 1554.	2.8	17
65	Construction, Enzyme Response, and Substrate Capacity of a Hyaluronan-Cyclodextrin Supramolecular Assembly. <i>Chemistry - an Asian Journal</i> , 2016, 11, 505-511.	3.3	17
66	Superbenzene-bridged bis(permethyl- β -cyclodextrin) as a convenient and effective probe for trinitrophenol exploder. <i>Journal of Materials Chemistry C</i> , 2017, 5, 799-802.	5.5	17
67	Cyclodextrin-Based Supramolecular Hydrogel as a Selective Chiral Adsorption/Separation Platform for Tryptophan Enantiomers. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5641-5645.	4.4	17
68	Quaternary Supramolecular Nanoparticles as a Photoerasable Luminescent Ink and Photocontrolled Cell-Imaging Agent. <i>Advanced Optical Materials</i> , 2020, 8, 2000220.	7.3	17
69	A tunable phosphorescence supramolecular switch by an anthracene photoreaction in aqueous solution. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2623-2630.	5.5	17
70	Photo-Induced Switchable Binding Behavior of Bridged Bis(β -cyclodextrin) with an Azobenzene Dicarboxylate Linker. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2006, 56, 197-201.	1.6	16
71	Tunable Supramolecular Assembly and Photoswitchable Conversion of Cyclodextrin/Diphenylalanine-Based 1D and 2D Nanostructures. <i>Angewandte Chemie</i> , 2017, 129, 7168-7171.	2.0	15
72	Supramolecular Crosslinked Polymer for Efficient Organic Dye Removal from Aqueous Solution. <i>Advanced Sustainable Systems</i> , 2019, 3, 1800165.	5.3	15

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73	Spectrophotometric Study of Selective Binding Behaviors of Dye Molecules by Pyridine- and Bipyridine-Modified β -Cyclodextrin Derivatives with a Functional Tether in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2004, 108, 19541-19549.	2.6	14
74	Selective binding and controlled release of anticancer drugs by polyanionic cyclodextrins. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2287-2290.	3.0	14
75	Effect of head/tail groups on molecular induced aggregation of polycationic cyclodextrin towards anionic surfactants. <i>RSC Advances</i> , 2016, 6, 15175-15179.	3.6	13
76	Cucurbit[8]uril-Mediated Polypseudorotaxane for Enhanced Lanthanide Luminescence Behavior in Water. <i>Organic Letters</i> , 2019, 21, 9363-9367.	4.6	13
77	Construction, DNA wrapping and cleavage of a carbon nanotube "polypseudorotaxane conjugate. <i>Chemical Communications</i> , 2009, , 4106.	4.1	12
78	Cucurbit[7]uril-Mediated 2D Single-Layer Hybrid Frameworks Assembled by Tetraphenylethene and Polyoxometalate toward Modulation of the α -Chymotrypsin Activity. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 15615-15621.	8.0	12
79	Electrospinning Oriented Self-Cleaning Porous Crosslinking Polymer for Efficient Dyes Removal. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001050.	3.7	11
80	Polysaccharide-Based Nanoparticles for Two-Step Responsive Release of Antitumor Drug. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1191-1195.	2.8	11
81	Chiral Binaphthylbis(4,4'-bipyridinyl)/Cucurbit[8]Uril Supramolecular System and Its Induced Circularly Polarized Luminescence. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1700869.	3.9	9
82	Supramolecular Assembly of β -Cyclodextrin-Modified Polymer by Electrospinning with Sustained Antibacterial Activity. <i>Biomacromolecules</i> , 2021, 22, 4434-4445.	5.4	9
83	Cooperative DNA Compaction by Ternary Supramolecular Complex with Cucurbituril/Cyclodextrin Pair. <i>ChemistrySelect</i> , 2016, 1, 685-690.	1.5	8
84	Multiple Stimuli Responsive and Tunable Luminescent Supramolecular Assembly by Oligo(phenylvinylene) and Surfactant. <i>Chinese Journal of Chemistry</i> , 2018, 36, 526-530.	4.9	8
85	Molecular binding behaviours of bile salts by bridged and metallobridged bis(β -cyclodextrin)s with naphthalenecarboxyl linkers. <i>Supramolecular Chemistry</i> , 2009, 21, 409-415.	1.2	7
86	Construction and radical cation stabilisation of a supramolecular dyad by tetrathiafulvalene-modified β -cyclodextrin and cucurbit[7]uril. <i>Supramolecular Chemistry</i> , 2011, 23, 372-378.	1.2	7
87	Non-covalently Functionalized Fluorescent Carbon Nanotubes: A Supramolecular Approach of Selective Zinc Ions Sensing in Living Cells. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1948-1952.	4.9	7
88	Synthesis and Structural Elucidation of N,N'-Ditosyl-1,11-diaza-4,8,14,18-tetraselena-cycloicosane and its Copper and Platinum Complexes. <i>Supramolecular Chemistry</i> , 2005, 17, 623-628.	1.2	6
89	Molecular Recognition Studies on Supramolecular Systems 34. Synthesis of Aromatic Diamino-bridged Bis(β -cyclodextrin)s and their Inclusion Complexation with Dye Molecules. <i>Supramolecular Chemistry</i> , 2002, 14, 299-307.	1.2	5
90	Organic Two-Dimensional Assembly with Rectification Property Mediated by Cucurbit[8]uril. <i>ChemNanoMat</i> , 2019, 5, 407-410.	2.8	5

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91	Photocontrollable Catalysis and Chiral Monosaccharide Recognition Induced by Cyclodextrin Derivatives. <i>Angewandte Chemie</i> , 2021, 133, 7732-7736.	2.0	5
92	Asymmetric Hydrogenation of Racemic 6-Aryl 1,4-Dioxaspiro[4.5]decan-7-ones to Functionalized Chiral β -Aryl Cyclohexanols via a Dynamic Kinetic Resolution. <i>Organic Letters</i> , 2021, 23, 1616-1620.	4.6	5
93	Lanthanide Luminescence Supramolecular Switch Based on Photoreactive Ammonium Molybdate. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59126-59131.	8.0	5
94	Molecular System Based on Novel Photochromic Biindenylidenedione Derivative Demonstrating Photomodulation of Magnetism. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1759-1765.	4.9	4
95	An Efficient Aggregation-Induced Emission Supramolecular Probe for Detection of Nitroaromatic Explosives in Water. <i>Advanced Photonics Research</i> , 2020, 1, 2000007.	3.6	4
96	Butyrylcholinesterase responsive supramolecular prodrug with targeted near-infrared cellular imaging property. <i>Asian Journal of Organic Chemistry</i> , 0, , .	2.7	4
97	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002, 42, 151-155.	1.6	3
98	Synthesis and Properties of Brominated 6,6-Dimethyl-2,2-bis[4-(1 <i>H</i> -indene)-3,3-diethyl-3,3-dihydroxy-1,1-diones]. <i>Chinese Journal of Chemistry</i> , 2003, 28, 1240-1246.		
99	Cyclodextrin-based Mesoporous N-Doped Carbon Hybrids with High Heterocatalytic Activity. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1195-1200.	2.7	3
100	Tunable Supramolecular Nanoarchitectures Constructed by the Complexation of Diphenanthro[2.4]Crown[8]/Cesium(I) with Nickel(II) and Silver(I) Ions. <i>ChemPlusChem</i> , 2019, 84, 161-165.	2.8	3
101	Construction and Humidity Response of a Room-Temperature-Phosphorescent Hybrid Xerogel Based on a Multicharge Supramolecular Assembly. <i>Advanced Photonics Research</i> , 2021, 2, 2000080.	3.6	3
102	Synthesis of Novel Benzo-15-Crown-5-Tethered β -Cyclodextrins and Their Enhanced Molecular Binding Abilities by Alkali Metal Cation Coordination. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003, 47, 91-95.	1.6	2
103	Hyaluronan/Ru(II)-cyclodextrin supramolecular assemblies for colorimetric sensor of hyaluronidase activity. <i>RSC Advances</i> , 2015, 5, 99240-99244.	3.6	2
104	Photolysis Behaviors of Anthryl Derivative Aggregation Mediated by Sulfato- β -Cyclodextrin. <i>ChemistrySelect</i> , 2019, 4, 13241-13244.	1.5	0