

Yong Chen

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	Stretchable slide-ring supramolecular hydrogel for flexible electronic devices. <i>Communications Materials</i> , 2022, 3, .	6.9	24
4	Photoâ€Controlled Reversible Multicolor Roomâ€Temperature Phosphorescent Solid Supramolecular Pseudopolyrotaxane. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	23
5	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
6	Tunable Secondâ€Level Roomâ€Temperature Phosphorescence of Solid Supramolecules between Acrylamideâ€Phenylpyridium Copolymers and Cucurbit[7]uril. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	57
7	Supramolecular assembly confined purely organic room temperature phosphorescence and its biological imaging. <i>Chemical Science</i> , 2022, 13, 7976-7989.	7.4	57
8	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
9	Construction and Humidity Response of a Roomâ€Temperatureâ€Phosphorescent Hybrid Xerogel Based on a Multicharge Supramolecular Assembly. <i>Advanced Photonics Research</i> , 2021, 2, 2000080.	3.6	3
10	Lipid-Polyglutamate Nanoparticle Vaccine Platform. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6011-6022.	8.0	20
11	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
12	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
13	Multicharge β -cyclodextrin supramolecular assembly for ATP capture and drug release. <i>Chemical Communications</i> , 2021, 57, 2812-2815.	4.1	18
14	Photoâ€Controllable Catalysis and Chiral Monosaccharide Recognition Induced by Cyclodextrin Derivatives. <i>Angewandte Chemie</i> , 2021, 133, 7732-7736.	2.0	5
15	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
16	Photoâ€Controllable Catalysis and Chiral Monosaccharide Recognition Induced by Cyclodextrin Derivatives. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7654-7658.	13.8	37
17	Supramolecular Assembly with Nearâ€Infrared Emission for Twoâ€Photon Mitochondrial Targeted Imaging. <i>Small</i> , 2021, 17, e2101185.	10.0	32
18	Supramolecular Assembly of β -Cyclodextrin-Modified Polymer by Electrospinning with Sustained Antibacterial Activity. <i>Biomacromolecules</i> , 2021, 22, 4434-4445.	5.4	9

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19	Luminescent lanthanide- β -macrocycle supramolecular assembly. <i>Chemical Communications</i> , 2021, 57, 11443-11456.	4.1	27
20	Lanthanide Luminescence Supramolecular Switch Based on Photoreactive Ammonium Molybdate. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59126-59131.	8.0	5
21	Electrospinning Oriented Self-Cleaning Porous Crosslinking Polymer for Efficient Dyes Removal. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001050.	3.7	11
22	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
23	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
24	Ultralong purely organic aqueous phosphorescence supramolecular polymer for targeted tumor cell imaging. <i>Nature Communications</i> , 2020, 11, 4655.	12.8	186
25	Polysaccharide-Based Nanoparticles for Two-Step Responsive Release of Antitumor Drug. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1191-1195.	2.8	11
26	Quaternary Supramolecular Nanoparticles as a Photoerasable Luminescent Ink and Photocontrolled Cell-Imaging Agent. <i>Advanced Optical Materials</i> , 2020, 8, 2000220.	7.3	17
27	Highly Elastic Slide-Ring Hydrogel with Good Recovery as Stretchable Supercapacitor. <i>Chemistry - A European Journal</i> , 2020, 26, 14080-14084.	3.3	32
28	Cucurbit[7]uril-Mediated 2D Single-Layer Hybrid Frameworks Assembled by Tetraphenylethene and Polyoxometalate toward Modulation of the \pm -Chymotrypsin Activity. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 15615-15621.	8.0	12
29	Cucurbit[8]uril-Mediated Polypseudorotaxane for Enhanced Lanthanide Luminescence Behavior in Water. <i>Organic Letters</i> , 2019, 21, 9363-9367.	4.6	13
30	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
31	Amphiphilic multi-charged cyclodextrins and vitamin K co-assembly as a synergistic coagulant. <i>Chemical Communications</i> , 2019, 55, 11790-11793.	4.1	21
32	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
33	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
34	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
35	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
36	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

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37	Supramolecular Crosslinked Polymer for Efficient Organic Dye Removal from Aqueous Solution. <i>Advanced Sustainable Systems</i> , 2019, 3, 1800165.	5.3	15
38	Photolysis Behaviors of Anthryl Derivative Aggregation Mediated by Sulfato- β -Cyclodextrin. <i>ChemistrySelect</i> , 2019, 4, 13241-13244.	1.5	0
39	Construction and efficient dye adsorption of supramolecular hydrogels by cyclodextrin pseudorotaxane and clay. <i>Soft Matter</i> , 2019, 15, 73-77.	2.7	22
40	A Dynamic Tetracationic Macrocycle Exhibiting Photoswitchable Molecular Encapsulation. <i>Journal of the American Chemical Society</i> , 2019, 141, 1280-1289.	13.7	66
41	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
42	Organic Two-Dimensional Assembly with Rectification Property Mediated by Cucurbit[8]uril. <i>ChemNanoMat</i> , 2019, 5, 407-410.	2.8	5
43	Construction and heterogeneous photooxidation reactivity of a cyclodextrin/porphyrin polyrotaxane network. <i>Organic Chemistry Frontiers</i> , 2019, 6, 10-14.	4.5	26
44	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
45	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
46	Multiple-Stimuli Responsive and Tunable Luminescent Supramolecular Assembly by Oligo(<i>p</i> -phenylvinylene) and Surfactant. <i>Chinese Journal of Chemistry</i> , 2018, 36, 526-530.	4.9	8
47	Selective binding and controlled release of anticancer drugs by polyanionic cyclodextrins. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 2287-2290.	3.0	14
48	Chiral Binaphthylbis(4,4'-bipyridin-1-yl)/Cucurbit[8]Uril Supramolecular System and Its Induced Circularly Polarized Luminescence. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1700869.	3.9	9
49	Tunable white-light emission by supramolecular self-sorting in highly swollen hydrogels. <i>Chemical Communications</i> , 2018, 54, 200-203.	4.1	73
50	Controllable macrocyclic supramolecular assemblies in aqueous solution. <i>Science China Chemistry</i> , 2018, 61, 979-992.	8.2	108
51	Sulfonato- β -Cyclodextrin Mediated Supramolecular Nanoparticle for Controlled Release of Berberine. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 24987-24992.	8.0	51
52	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
53	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
54	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

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55	Reversible photo-gated transmembrane channel assembled from an acylhydrazone-containing crown ether triad. <i>Chemical Communications</i> , 2017, 53, 3681-3684.	4.1	62
56	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
57	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
58	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
59	Reversibly Photoswitchable Supramolecular Assembly and Its Application as a Photoerasable Fluorescent Ink. <i>Advanced Materials</i> , 2017, 29, 1605271.	21.0	137
60	A Supramolecular Artificial Light-harvesting System with an Ultrahigh Antenna Effect. <i>Advanced Materials</i> , 2017, 29, 1701905.	21.0	209
61	Polyanionic Cyclodextrin Induced Supramolecular Nanoparticle. <i>Scientific Reports</i> , 2016, 6, 27.	3.3	20
62	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
63	Cooperative DNA Compaction by Ternary Supramolecular Complex with Cucurbituril/Cyclodextrin Pair. <i>ChemistrySelect</i> , 2016, 1, 685-690.	1.5	8
64	Supramolecular Assembly of Coronene Derivatives for Drug Delivery. <i>Organic Letters</i> , 2016, 18, 4542-4545.	4.6	23
65	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
66	Polysaccharide-based Noncovalent Assembly for Targeted Delivery of Taxol. <i>Scientific Reports</i> , 2016, 6, 19212.	3.3	44
67	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
68	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
69	Construction and Functions of Cyclodextrin-based 1D Supramolecular Strands and their Secondary Assemblies. <i>Advanced Materials</i> , 2015, 27, 5403-5409.	21.0	67
70	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
71	Polysaccharide-porphyrin-fullerene supramolecular conjugates as photo-driven DNA cleavage reagents. <i>Chemical Communications</i> , 2015, 51, 12266-12269.	4.1	28
72	Hyaluronan/Ru(II)-cyclodextrin supramolecular assemblies for colorimetric sensor of hyaluronidase activity. <i>RSC Advances</i> , 2015, 5, 99240-99244.	3.6	2

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73	A dual targeting cyclodextrin/gold nanoparticle conjugate as a scaffold for solubilization and delivery of paclitaxel. RSC Advances, 2015, 5, 8938-8941.	3.6	26
74	Phenanthroline bridged bis(β -cyclodextrin)s/adamantane-carboxylic acid supramolecular complex as an efficient fluorescence sensor to Zn ²⁺ . Organic Chemistry Frontiers, 2014, 1, 355.	4.5	27
75	Recycling Gene Carrier with High Efficiency and Low Toxicity Mediated by L-Cystine-Bridged Bis(β -cyclodextrin)s. Scientific Reports, 2014, 4, 7471.	3.3	22
76	Polysaccharide-Gold Nanocluster Supramolecular Conjugates as a Versatile Platform for the Targeted Delivery of Anticancer Drugs. Scientific Reports, 2014, 4, 4164.	3.3	86
77	Enantioselective Total Synthesis of (β -)-THC and (α -)-THC via Catalytic Asymmetric Hydrogenation and S _N Ar Cyclization. Organic Letters, 2013, 15, 764-767.	4.6	57
78	Molecular binding behaviors of triazole-bridged bis(β -cyclodextrin)s towards cinchona alkaloids. New Journal of Chemistry, 2013, 37, 1554.	2.8	17
79	Supramolecular ternary polymer mediated by cucurbituril and cyclodextrin. Polymer Chemistry, 2013, 4, 4192.	3.9	57
80	Molecular System Based on Novel Photochromic Biindenylidenedione Derivative Demonstrating Photomodulation of Magnetism. Chinese Journal of Chemistry, 2012, 30, 1759-1765.	4.9	4
81	Noncovalently Functionalized Fluorescent Carbon Nanotubes: A Supramolecular Approach of Selective Zinc Ions Sensing in Living Cells. Chinese Journal of Chemistry, 2012, 30, 1948-1952.	4.9	7
82	Molecular Selective Binding and Nanofabrication of Cucurbituril/Cyclodextrin Pairs. Israel Journal of Chemistry, 2011, 51, 515-524.	2.3	29
83	Construction and radical cation stabilisation of a supramolecular dyad by tetrathiafulvalene-modified β -cyclodextrin and cucurbit[7]uril. Supramolecular Chemistry, 2011, 23, 372-378.	1.2	7
84	Naphthylthiourea-modified permethylcyclodextrin as a highly sensitive and selective "turn-on" fluorescent chemosensor for Hg ²⁺ in water and living cells. Organic and Biomolecular Chemistry, 2011, 9, 5530.	2.8	32
85	Synthesis and Properties of Brominated 6,6'-bis(dimethyl[2,2'-bis(bis(1 <i>H</i> -indene)]-3,3'-diethyl-3,3'-dihydroxy-1,1'-dione). Chinese Journal of Chemistry, 2011, 29, 1240-1246.		
86	Thermodynamic Origin of Selective Binding of β -Cyclodextrin Derivatives with Chiral Chromophoric Substituents toward Steroids. Journal of Physical Chemistry B, 2010, 114, 16147-16155.	2.6	39
87	Cyclodextrin-based bioactive supramolecular assemblies. Chemical Society Reviews, 2010, 39, 495-505.	38.1	440
88	Multidimensional nanoarchitectures based on cyclodextrins. Chemical Communications, 2010, 46, 5622.	4.1	83
89	Molecular binding behaviours of bile salts by bridged and metallobridged bis(β -cyclodextrin)s with naphthalenecarboxyl linkers. Supramolecular Chemistry, 2009, 21, 409-415.	1.2	7
90	Binding behaviors of scutellarin with β -, β -, β -cyclodextrins and their derivatives. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2009, 64, 149-155.	1.6	26

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91	Construction, DNA wrapping and cleavage of a carbon nanotubeâ€“polypseudorotaxane conjugate. <i>Chemical Communications</i> , 2009, , 4106.	4.1	12
92	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
93	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
94	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
95	Supramolecular Assembly of Gold Nanoparticles Mediated by Polypseudorotaxane with Thiolated β -Cyclodextrin. <i>Macromolecular Rapid Communications</i> , 2005, 26, 401-406.	3.9	35
96	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
97	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
98	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
99	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
100	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002, 42, 151-155.	1.6	3
101	Bridged Bis(β -cyclodextrin)s Possessing Coordinated Metal Center(s) and Their Inclusion Complexation Behavior with Model Substrates: A Enhanced Molecular Binding Ability by Multiple Recognition. <i>Journal of Organic Chemistry</i> , 2001, 66, 8518-8527.	3.2	49
102	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
103	Cooperative Multipoint Recognition of Organic Dyes by Bis(β -cyclodextrin)s with 2,2â€“Bipyridine-4,4â€“dicarboxy Tethers. <i>Chemistry - A European Journal</i> , 2001, 7, 2528-2535.	3.3	57
104	Butyrylcholinesterase responsive supramolecular prodrug with targeted nearâ€“infrared cellular imaging property. <i>Asian Journal of Organic Chemistry</i> , 0, , .	2.7	4