

Xiao-Qi Yu

List of Publications by Year in descending order

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280
papers

8,762
citations

53660

45
h-index

66788

78
g-index

285
all docs

285
docs citations

285
times ranked

8620
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent bioimaging of pH: from design to applications. <i>Chemical Society Reviews</i> , 2017, 46, 2076-2090.	18.7	432
2	BINOL-Based Fluorescent Sensor for Recognition of Cu(II) and Sulfide Anion in Water. <i>Journal of Organic Chemistry</i> , 2012, 77, 8350-8354.	1.7	226
3	C ^α -H functionalization by high-valent Cp*Co(III) catalysis. <i>Chemical Communications</i> , 2017, 53, 3165-3180.	2.2	208
4	Biocatalytic promiscuity: the first lipase-catalysed asymmetric aldol reaction. <i>Green Chemistry</i> , 2008, 10, 616.	4.6	202
5	A water-soluble near-infrared probe for colorimetric and ratiometric sensing of SO ₂ derivatives in living cells. <i>Chemical Communications</i> , 2014, 50, 183-185.	2.2	202
6	Lipase-catalysed direct Mannich reaction in water: utilization of biocatalytic promiscuity for C ^α -C bond formation in a α -keto-pot α -synthesis. <i>Green Chemistry</i> , 2009, 11, 777.	4.6	167
7	Collyiform Crystalline 2D Covalent Organic Frameworks (COFs) with Quasi-3D Topologies for Rapid Adsorption. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22697-22705.	7.2	163
8	A Metal-Free Oxidative Esterification of the Benzyl C-H Bond. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1287-1292.	2.1	155
9	Mitochondria-targeted colorimetric and fluorescent probes for hypochlorite and their applications for in vivo imaging. <i>Chemical Communications</i> , 2014, 50, 8640-8643.	2.2	152
10	A ratiometric fluorescent probe for in situ quantification of basal mitochondrial hypochlorite in cancer cells. <i>Chemical Communications</i> , 2015, 51, 6781-6784.	2.2	151
11	Mitochondria-targeted ratiometric fluorescent probe for real time monitoring of pH in living cells. <i>Biomaterials</i> , 2015, 53, 669-678.	5.7	142
12	A mitochondria-targeted colorimetric and ratiometric fluorescent probe for biological SO ₂ derivatives in living cells. <i>Chemical Communications</i> , 2015, 51, 10236-10239.	2.2	139
13	Fluorescent Imaging of Reactive Oxygen and Nitrogen Species Associated with Pathophysiological Processes. <i>CheM</i> , 2020, 6, 832-866.	5.8	133
14	Iron-catalyzed direct amination of azoles using formamides or amines as nitrogen sources in air. <i>Chemical Communications</i> , 2011, 47, 3652.	2.2	131
15	Small molecular fluorescent probes for the detection of lead, cadmium and mercury ions. <i>Coordination Chemistry Reviews</i> , 2021, 429, 213691.	9.5	130
16	BODIPY-Based Two-Photon Fluorescent Probe for Real-Time Monitoring of Lysosomal Viscosity with Fluorescence Lifetime Imaging Microscopy. <i>Analytical Chemistry</i> , 2018, 90, 5873-5878.	3.2	121
17	A tumor-specific and mitochondria-targeted fluorescent probe for real-time sensing of hypochlorite in living cells. <i>Chemical Communications</i> , 2017, 53, 5539-5541.	2.2	115
18	A water-soluble and fast-response mitochondria-targeted fluorescent probe for colorimetric and ratiometric sensing of endogenously generated SO ₂ derivatives in living cells. <i>Chemical Communications</i> , 2016, 52, 3430-3433.	2.2	114

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19	Rational Design of a Fluorescent Sensor to Simultaneously Determine Both the Enantiomeric Composition and the Concentration of Chiral Functional Amines. <i>Journal of the American Chemical Society</i> , 2015, 137, 4517-4524.	6.6	108
20	A reaction-based ratiometric fluorescent sensor for the detection of Hg(II) ions in both cells and bacteria. <i>Chemical Communications</i> , 2018, 54, 4955-4958.	2.2	105
21	Novel Tumor-Specific and Mitochondria-Targeted near-Infrared-Emission Fluorescent Probe for SO ₂ Derivatives in Living Cells. <i>ACS Sensors</i> , 2016, 1, 166-172.	4.0	104
22	Zn(II) promoted dramatic enhancement in the enantioselective fluorescent recognition of functional chiral amines by a chiral aldehyde. <i>Chemical Science</i> , 2014, 5, 3457-3462.	3.7	89
23	Cobalt(III)-catalyzed alkenylation of arenes and 6-arylpyridines with terminal alkynes: efficient access to functional dyes. <i>Chemical Communications</i> , 2016, 52, 2709-2712.	2.2	87
24	A highly selective water-soluble optical probe for endogenous peroxynitrite. <i>Chemical Communications</i> , 2014, 50, 9947.	2.2	82
25	Novel Magnetic Cross-Linked Cellulase Aggregates with a Potential Application in Lignocellulosic Biomass Bioconversion. <i>Molecules</i> , 2017, 22, 269.	1.7	82
26	Lipase-catalysed decarboxylative aldol reaction and decarboxylative Knoevenagel reaction. <i>Green Chemistry</i> , 2009, 11, 1933.	4.6	80
27	An AlE-Based Probe for Rapid and Ultrasensitive Imaging of Plasma Membranes in Biosystems. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9962-9966.	7.2	80
28	Monometallic complexes of 1,4,7,10-tetraazacyclododecane containing an imidazolium side: Synthesis, characterization, and their interaction with plasmid DNA. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 4151-4157.	1.4	79
29	Novel easily available purine-based AlEgens with colour tunability and applications in lipid droplet imaging. <i>Chemical Science</i> , 2018, 9, 8969-8974.	3.7	75
30	Linear polycations by ring-opening polymerization as non-viral gene delivery vectors. <i>Biomaterials</i> , 2013, 34, 5391-5401.	5.7	70
31	A coumarin-based chromogenic and ratiometric probe for hydrazine. <i>Analytical Methods</i> , 2013, 5, 2653.	1.3	66
32	Sulfonylation of Five-Membered Heterocycles via an S _N Ar Reaction. <i>Journal of Organic Chemistry</i> , 2013, 78, 11874-11880.	1.7	63
33	Amphiphilic carbon dots as versatile vectors for nucleic acid and drug delivery. <i>Nanoscale</i> , 2017, 9, 5935-5947.	2.8	63
34	Dual-site fluorescent probe for highly selective and sensitive detection of sulfite and biothiols. <i>Chinese Chemical Letters</i> , 2018, 29, 992-994.	4.8	61
35	Novel chiral imidazole cyclophane receptors: synthesis and enantioselective recognition for amino acid derivatives. <i>Chemical Communications</i> , 2001, , 1816-1817.	2.2	59
36	Cross-Linked Small-Molecule Micelle-Based Drug Delivery System: Concept, Synthesis, and Biological Evaluation. <i>Chemistry of Materials</i> , 2016, 28, 7757-7764.	3.2	56

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37	Electrochemically initiated intermolecular C–N formation/cyclization of ketones with 2-aminopyridines: an efficient method for the synthesis of imidazo[1,2- <i>a</i>]pyridines. <i>Green Chemistry</i> , 2019, 21, 1619-1624.	4.6	55
38	Promiscuous protease-catalyzed aldol reactions: A facile biocatalytic protocol for carbon–carbon bond formation in aqueous media. <i>Journal of Biotechnology</i> , 2010, 150, 539-545.	1.9	53
39	Hyaluronic acid-based carbon dots for efficient gene delivery and cell imaging. <i>RSC Advances</i> , 2017, 7, 15613-15624.	1.7	53
40	Surfactant-activated magnetic cross-linked enzyme aggregates (magnetic CLEAs) of <i>Thermomyces lanuginosus</i> lipase for biodiesel production. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 115, 83-89.	1.8	52
41	Dental Follicle Stem Cells Ameliorate Lipopolysaccharide-Induced Inflammation by Secreting TGF- β 3 and TSP-1 to Elicit Macrophage M2 Polarization. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 2290-2308.	1.1	52
42	Metal-free alkynylation of C–H bonds of ethers with ethynylbenziodoxolones. <i>RSC Advances</i> , 2014, 4, 54349-54353.	1.7	51
43	Mitochondria-Immobilized Fluorescent Probe for the Detection of Hypochlorite in Living Cells, Tissues, and Zebrafishes. <i>Analytical Chemistry</i> , 2020, 92, 3262-3269.	3.2	51
44	The Increased Endogenous Sulfur Dioxide Acts as a Compensatory Mechanism for the Downregulated Endogenous Hydrogen Sulfide Pathway in the Endothelial Cell Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 882.	2.2	50
45	Gadolinium-doped carbon dots as nano-theranostic agents for MR/FL diagnosis and gene delivery. <i>Nanoscale</i> , 2019, 11, 12973-12982.	2.8	50
46	Biocatalytic asymmetric aldol reaction in buffer solution. <i>Tetrahedron Letters</i> , 2013, 54, 945-948.	0.7	49
47	Chiral multinuclear macrocyclic polyamine complexes: Synthesis, characterization and their interaction with plasmid DNA. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 696-701.	1.4	46
48	Electrooxidative Metal-Free Dehydrogenative C–S Sulfenylation of 1-H-Indole with Sodium Sulfinates. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2746-2750.	1.2	46
49	Lipase-Catalyzed Stereoselective Cross-Aldol Reaction Promoted by Water. <i>ChemCatChem</i> , 2013, 5, 1935-1940.	1.8	45
50	Ring-Opening Polymerization for Hyperbranched Polycationic Gene Delivery Vectors with Excellent Serum Tolerance. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 15733-15742.	4.0	45
51	Photoluminescent F-doped carbon dots prepared by ring-opening reaction for gene delivery and cell imaging. <i>RSC Advances</i> , 2018, 8, 6053-6062.	1.7	45
52	Copper-Catalyzed Cross-Coupling Reactions of Nucleobases with Arylboronic Acids: An Efficient Access to N-Arylnucleobases. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 5154-5157.	1.2	42
53	Cyclen-based lipidic oligomers as potential gene delivery vehicles. <i>Acta Biomaterialia</i> , 2014, 10, 1412-1422.	4.1	42
54	Rhodamine based pH-sensitive "intelligent" polymers as lysosome targeting probes and their imaging applications in vivo. <i>Polymer Chemistry</i> , 2014, 5, 5804-5812.	1.9	41

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55	A catalyst-free approach to 3-thiocyanato-4H-chromen-4-ones. RSC Advances, 2016, 6, 66320-66323.	1.7	41
56	Dual-site lysosome-targeted fluorescent probe for separate detection of endogenous biothiols and SO ₂ in living cells. Journal of Materials Chemistry B, 2018, 6, 4232-4238.	2.9	40
57	Synthesis, DNA binding and cleavage activities of the copper (II) complexes of estrogen-macrocylic polyamine conjugates. Bioorganic and Medicinal Chemistry, 2008, 16, 3871-3877.	1.4	39
58	Lipase-catalyzed synthesis of oxidation-responsive poly(ethylene glycol)-b-poly(β -thioether ester) amphiphilic block copolymers. RSC Advances, 2016, 6, 11870-11879.	1.7	39
59	Et ₄ N ⁺ -catalyzed amidation of aldehydes and alcohols with ammonium salts. Organic and Biomolecular Chemistry, 2014, 12, 414-417.	1.5	37
60	Sulphur dioxide suppresses inflammatory response by sulphenylating NF- κ B p65 at Cys38 in a rat model of acute lung injury. Clinical Science, 2017, 131, 2655-2670.	1.8	36
61	Thermosensitive Affinity Behavior of Poly(N-isopropylacrylamide) Hydrogels with β -Cyclodextrin Moieties. Industrial & Engineering Chemistry Research, 2007, 46, 1511-1518.	1.8	35
62	Novel cationic lipids possessing protonated cyclen and imidazolium salt for gene delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 78, 326-335.	2.0	34
63	Transition-Metal-Free Synthesis of <i>E</i> -Vinyl Sulfones from Vinyl Halides in Water. European Journal of Organic Chemistry, 2013, 2013, 7050-7053.	1.2	34
64	Development of a mitochondria-targeted fluorescent probe for hydrazine monitoring in living cells. RSC Advances, 2016, 6, 111016-111019.	1.7	34
65	Novel imidazole-functionalized cyclen cationic lipids: Synthesis and application as non-viral gene vectors. Bioorganic and Medicinal Chemistry, 2013, 21, 3105-3113.	1.4	33
66	GSH/pH dual-responsive biodegradable camptothecin polymeric prodrugs combined with doxorubicin for synergistic anticancer efficiency. Biomaterials Science, 2019, 7, 3277-3286.	2.6	33
67	Cationic polymer-derived carbon dots for enhanced gene delivery and cell imaging. Biomaterials Science, 2019, 7, 1940-1948.	2.6	33
68	Mitochondrial G-quadruplex targeting probe with near-infrared fluorescence emission. Sensors and Actuators B: Chemical, 2019, 286, 575-582.	4.0	32
69	The conjugates of uracil-cyclen Zn(II) complexes: Synthesis, characterization, and their interaction with plasmid DNA. Bioorganic and Medicinal Chemistry, 2006, 14, 5756-5764.	1.4	31
70	<i>In vitro</i> selection of DNA-cleaving deoxyribozyme with site-specific thymidine excision activity. Nucleic Acids Research, 2014, 42, 9262-9269.	6.5	31
71	Lipase-catalyzed synthesis of azido-functionalized aliphatic polyesters towards acid-degradable amphiphilic graft copolymers. Soft Matter, 2014, 10, 1199.	1.2	31
72	A highly sensitive and selective α -fluorescent probe for hypochlorous acid monitoring. RSC Advances, 2015, 5, 18275-18278.	1.7	31

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73	Downregulated endogenous sulfur dioxide/aspartate aminotransferase pathway is involved in angiotensin II-stimulated cardiomyocyte autophagy and myocardial hypertrophy in mice. <i>International Journal of Cardiology</i> , 2016, 225, 392-401.	0.8	31
74	Pyridine-Si-xanthene: A novel near-infrared fluorescent platform for biological imaging. <i>Chinese Chemical Letters</i> , 2019, 30, 1063-1066.	4.8	31
75	Cyclen-Based Cationic Lipids for Highly Efficient Gene Delivery towards Tumor Cells. <i>PLoS ONE</i> , 2011, 6, e23134.	1.1	30
76	Trypsin-catalyzed tandem reaction: One-pot synthesis of 3,4-dihydropyrimidin-2(1H)-ones by in situ formed acetaldehyde. <i>Journal of Biotechnology</i> , 2014, 170, 1-5.	1.9	30
77	A colorimetric and red emissive fluorescent probe for cysteine and its application in bioimaging. <i>Sensors and Actuators B: Chemical</i> , 2015, 214, 92-100.	4.0	30
78	A novel coumarin-based water-soluble fluorescent probe for endogenously generated SO ₂ in living cells. <i>Science China Chemistry</i> , 2017, 60, 793-798.	4.2	30
79	Self-assembled core-shell-corona multifunctional non-viral vector with AIE property for efficient hepatocyte-targeting gene delivery. <i>Polymer Chemistry</i> , 2017, 8, 7486-7498.	1.9	30
80	Low molecular weight PEI-based polycationic gene vectors via Michael addition polymerization with improved serum-tolerance. <i>Polymer</i> , 2015, 65, 45-54.	1.8	29
81	TACN-based oligomers with aromatic backbones for efficient nucleic acid delivery. <i>Chemical Communications</i> , 2014, 50, 6454-6457.	2.2	28
82	Lipase-catalyzed synthesis of acid-degradable poly(β -thioether ester) and poly(β -thioether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Tc	1.8	28
83	Low Molecular Weight Oligomers with Aromatic Backbone as Efficient Nonviral Gene Vectors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 10743-10751.	4.0	28
84	Multifunctional carbon quantum dots as a theranostic nanomedicine for fluorescence imaging-guided glutathione depletion to improve chemodynamic therapy. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1219-1228.	5.0	28
85	Synthesis of oxindole-3-acetates through iron-catalyzed oxidative arylalkoxycarbonylation of activated alkenes. <i>Tetrahedron</i> , 2014, 70, 3466-3470.	1.0	27
86	Ionic liquid as a recyclable and efficient medium for lipase-catalyzed asymmetric cross aldol reaction. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 110, 100-110.	1.8	27
87	Cyclen-based cationic lipids containing a pH-sensitive moiety as gene delivery vectors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 620-630.	1.5	27
88	CALB Immobilized onto Magnetic Nanoparticles for Efficient Kinetic Resolution of Racemic Secondary Alcohols: Long-Term Stability and Reusability. <i>Molecules</i> , 2019, 24, 490.	1.7	27
89	Magnetic COFs as satisfactory support for lipase immobilization and recovery to effectively achieve the production of biodiesel by maintenance of enzyme activity. <i>Biotechnology for Biofuels</i> , 2021, 14, 156.	6.2	27
90	Novel N-doped carbon dots prepared via citric acid and benzoylurea by green synthesis for high selectivity Fe(III) sensing and imaging in living cells. <i>Microchemical Journal</i> , 2021, 167, 106273.	2.3	27

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91	Iodide-catalyzed amide synthesis from alcohols and amines. RSC Advances, 2013, 3, 21306.	1.7	26
92	Cyclen-based cationic lipids with double hydrophobic tails for efficient gene delivery. Biomaterials Science, 2014, 2, 1460-1470.	2.6	26
93	Colyliform Crystalline 2D Covalent Organic Frameworks (COFs) with Quasi-3D Topologies for Rapid Adsorption. Angewandte Chemie, 2020, 132, 22886-22894.	1.6	26
94	Enhancement of activity and stability of lipase by microemulsion-based organogels (MBGs) immobilization and application for synthesis of arylethyl acetate. Journal of Molecular Catalysis B: Enzymatic, 2012, 78, 65-71.	1.8	25
95	Immobilization of <i>Aspergillus terreus</i> lipase in self-assembled hollow nanospheres for enantioselective hydrolysis of ketoprofen vinyl ester. Journal of Biotechnology, 2015, 194, 12-18.	1.9	25
96	Construction of pH-Sensitive "Submarine"-Based on Gold Nanoparticles with Double Insurance for Intracellular pH Mapping, Quantifying of Whole Cells and in Vivo Applications. ACS Applied Materials & Interfaces, 2016, 8, 22839-22848.	4.0	25
97	Cross-linked polymers with fluorinated bridges for efficient gene delivery. Journal of Materials Chemistry B, 2017, 5, 8542-8553.	2.9	25
98	Retina-derived endogenous sulfur dioxide might be a novel anti-apoptotic factor. Biochemical and Biophysical Research Communications, 2018, 496, 955-960.	1.0	25
99	Dental follicle stem cells rescue the regenerative capacity of inflamed rat dental pulp through a paracrine pathway. Stem Cell Research and Therapy, 2020, 11, 333.	2.4	25
100	Synthesis of 6-carboxylated phenanthridines by oxidative alkoxyacylation-cyclization of 2-isocyanobiphenyls with carbazates. Tetrahedron Letters, 2014, 55, 5338-5341.	0.7	24
101	TACN-based cationic lipids with amino acid backbone and double tails: Materials for non-viral gene delivery. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1771-1775.	1.0	24
102	Tetraphenylethene-pyridine salts as the first self-assembling chemosensor for pyrophosphate. Analyst, The, 2015, 140, 4182-4188.	1.7	24
103	Red emission fluorescent probes for visualization of monoamine oxidase in living cells. Scientific Reports, 2016, 6, 31217.	1.6	24
104	Improved Performance of Magnetic Cross-Linked Lipase Aggregates by Interfacial Activation: A Robust and Magnetically Recyclable Biocatalyst for Transesterification of <i>Jatropha</i> Oil. Molecules, 2017, 22, 2157.	1.7	24
105	TACN-containing cationic lipids with ester bond: Preparation and application in gene delivery. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 7045-7049.	1.0	23
106	Catalytic promiscuity of β -amylase: Synthesis of 3-substituted 2H-chromene derivatives via biocatalytic domino oxa-Michael/aldol condensations. Journal of Molecular Catalysis B: Enzymatic, 2013, 91, 37-43.	1.8	23
107	Fluorescent Wittig reagent as a novel ratiometric probe for the quantification of 5-formyluracil and its application in cell imaging. Chemical Communications, 2018, 54, 13722-13725.	2.2	23
108	A label-free fluorescent probe for accurate mitochondrial G-quadruplex structures tracking via assembly hindered rotation induced emission. Sensors and Actuators B: Chemical, 2020, 321, 128479.	4.0	23

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109	Molecular engineering of a dual emission near-infrared ratiometric fluorophore for the detection of pH at the organism level. <i>Analyst</i> , 2015, 140, 4608-4615.	1.7	22
110	Lipase-initiated Tandem Biginelli Reactions <i>in situ</i> -formed Acetaldehydes in One Pot: Discovery of Single-ring Deep Blue Luminogens. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3397-3406.	2.1	22
111	Low molecular weight PEI-based fluorinated polymers for efficient gene delivery. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 602-611.	2.6	22
112	Endogenous SO ₂ -dependent Smad3 redox modification controls vascular remodeling. <i>Redox Biology</i> , 2021, 41, 101898.	3.9	22
113	Low molecular weight PEI-appended polyesters as non-viral gene delivery vectors. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 118-125.	2.6	21
114	Diol glycidyl ether-bridged low molecular weight PEI as potential gene delivery vehicles. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2660-2670.	2.9	21
115	Metal-Free Oxidative Radical Alkynylation/Ring Expansion Rearrangement of Alkenyl Cyclobutanols with Ethynylbenziodoxolones. <i>Organic Letters</i> , 2016, 18, 4024-4027.	2.4	21
116	Engineering P450 Peroxygenase to Catalyze Highly Enantioselective Epoxidation of <i>cis</i> -1,2-Methylstyrenes. <i>Chemistry - A European Journal</i> , 2016, 22, 10969-10975.	1.7	21
117	A near-IR Fluorescent Probe for Enantioselective Recognition of Amino Acids in Aqueous Solution. <i>Journal of Organic Chemistry</i> , 2020, 85, 7342-7348.	1.7	21
118	Rational Design of Quinoxalinone-Based Red-Emitting Probes for High-Affinity and Long-Term Visualizing Amyloid- β In Vivo. <i>Analytical Chemistry</i> , 2022, 94, 7665-7673.	3.2	21
119	Diol glycidyl ether-bridged cyclens: preparation and their applications in gene delivery. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2413.	1.5	20
120	Rhodamine-based lysosome-targeted fluorescence probes: high pH sensitivity and their imaging application in living cells. <i>RSC Advances</i> , 2014, 4, 33975-33980.	1.7	20
121	Aromatic Modification of Low Molecular Weight PEI for Enhanced Gene Delivery. <i>Polymers</i> , 2017, 9, 362.	2.0	20
122	A Mild and Efficient Method for Arylnucleobase Synthesis via the Cross-coupling Reactions of Nucleobases with Arylboronic Acids Catalyzed by Simple Copper Salts. <i>Helvetica Chimica Acta</i> , 2008, 91, 1008-1014.	1.0	19
123	Improved activity of lipase immobilized in microemulsion-based organogels for (R, S)-ketoprofen ester resolution: Long-term stability and reusability. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015, 7, 1-8.	2.1	19
124	Structure-activity relationship studies of symmetrical cationic bolosomes as non-viral gene vectors. <i>Journal of Materials Chemistry B</i> , 2016, 4, 5575-5584.	2.9	19
125	Synthetic Regulation of 1,4-dihydropyridines for the AIE or AIEE Effect: From Rational Design to Mechanistic Views. <i>Chemistry - A European Journal</i> , 2018, 24, 4871-4878.	1.7	19
126	A novel near-infrared fluorescent sensor for zero background nitrite detection via the covalent-assembly-principle. <i>Food Chemistry</i> , 2021, 341, 128254.	4.2	19

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127	One-Pot Synthesis-Biocompatible Copper-Triptide Complex as a Nanocatalytic Medicine to Enhance Chemodynamic Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 1394-1402.	2.6	19
128	Hydrophobically modified carbon dots as a multifunctional platform for serum-resistant gene delivery and cell imaging. <i>Biomaterials Science</i> , 2020, 8, 3730-3740.	2.6	19
129	Discovery of an Ultra-rapid and Sensitive Lysosomal Fluorescence Lipophagy Process. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	19
130	nBu ₄ NI-catalyzed oxidative amidation of aldehydes with tertiary amines. <i>Tetrahedron Letters</i> , 2013, 54, 6233-6236.	0.7	18
131	Low molecular weight PEI-based biodegradable lipopolymers as gene delivery vectors. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1242.	1.5	18
132	Bioreducible cross-linked polymers based on G1 peptide dendrimer as potential gene delivery vectors. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 413-420.	2.6	18
133	Fluorescent Recognition of 1,2-Diamines by a 1,1'-Binaphthyl-Based Trifluoromethyl Ketone. <i>Chemistry - A European Journal</i> , 2016, 22, 12061-12067.	1.7	18
134	A reduction-responsive liposomal nanocarrier with self-reporting ability for efficient gene delivery. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2860-2868.	2.9	18
135	Synthesis of high drug loading, reactive oxygen species and esterase dual-responsive polymeric micelles for drug delivery. <i>RSC Advances</i> , 2019, 9, 2371-2378.	1.7	18
136	Fast and high-efficiency synthesis of 2-substituted benzothiazoles via combining enzyme catalysis and photoredox catalysis in one-pot. <i>Bioorganic Chemistry</i> , 2021, 107, 104607.	2.0	18
137	Synthesis of New Chiral Macrocyclic Tetraoxo Polyamines Containing Pyridine Ring and Functional Arms. <i>Synthetic Communications</i> , 1999, 29, 2447-2455.	1.1	17
138	1,4-Dihydropyridines: discovery of minimal AIEgens and their mitochondrial imaging applications. <i>Journal of Materials Chemistry B</i> , 2017, 5, 464-469.	2.9	17
139	Zn(II) coordination to cyclen-based polycations for enhanced gene delivery. <i>Journal of Materials Chemistry B</i> , 2019, 7, 451-459.	2.9	17
140	Nitrogen and sulfur co-doped carbon dots: Facile synthesis and multifunctional applications for pH sensing, temperature sensing and RNA-selective imaging. <i>Microchemical Journal</i> , 2021, 168, 106248.	2.3	17
141	Biodegradable cyclen-based linear and cross-linked polymers as non-viral gene vectors. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1380-1387.	1.4	16
142	A single design strategy for dual sensitive pH probe with a suitable range to map pH in living cells. <i>Scientific Reports</i> , 2015, 5, 15540.	1.6	16
143	Enhanced Fluorescence of 3,3'-Diformyl BINOL by Functional Secondary Amines. <i>Organic Letters</i> , 2017, 19, 3779-3782.	2.4	16
144	Enantioselective Fluorescent Recognition of Amino Acids in Aqueous Solution by Using a Chiral Aldehyde Probe. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1891-1895.	1.2	16

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145	Functionalized Asymmetric Bola-Type Amphiphiles for Efficient Gene and Drug Delivery. <i>Nanomaterials</i> , 2018, 8, 115.	1.9	16
146	Multifunctional gold nanoparticles as smart nanovehicles with enhanced tumour-targeting abilities for intracellular pH mapping and <i>in vivo</i> MR/fluorescence imaging. <i>Nanoscale</i> , 2020, 12, 2002-2010.	2.8	16
147	Macrophage-derived sulfur dioxide is a novel inflammation regulator. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 916-922.	1.0	16
148	Biotinylated Cyclen-Contained Cationic Lipids as Non-Viral Gene Delivery Vectors. <i>Chemical Biology and Drug Design</i> , 2013, 82, 376-383.	1.5	15
149	Enhanced turnover rate and enantioselectivity in the asymmetric epoxidation of styrene by new T213G mutants of CYP 119. <i>RSC Advances</i> , 2014, 4, 27526-27531.	1.7	15
150	Cationic gemini lipids with cyclen headgroups: interaction with DNA and gene delivery abilities. <i>RSC Advances</i> , 2014, 4, 44261-44268.	1.7	15
151	Amino Acid-Modified Polyethylenimines with Enhanced Gene Delivery Efficiency and Biocompatibility. <i>Polymers</i> , 2015, 7, 2316-2331.	2.0	15
152	Tetraphenylethene based zinc complexes as fluorescent chemosensors for pyrophosphate sensing. <i>Chinese Chemical Letters</i> , 2015, 26, 877-880.	4.8	15
153	TEMPO-Mediated C-H Amination of Benzoxazoles with N-Heterocycles. <i>Journal of Organic Chemistry</i> , 2020, 85, 12797-12803.	1.7	15
154	Additive- and column-free synthesis of rigid bis-coumarins as fluorescent dyes for G-quadruplex sensing <i>via</i> disaggregation-induced emission. <i>Chemical Communications</i> , 2020, 56, 6870-6873.	2.2	15
155	Rational Construction of a Mitochondrial Targeting, Fluorescent Self-Reporting Drug-Delivery Platform for Combined Enhancement of Endogenous ROS Responsiveness. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 32432-32445.	4.0	15
156	Novel Reticular Cyclen-Based Polymer as Gene Vector in DNA Transfection. <i>Chemical Biology and Drug Design</i> , 2009, 73, 216-224.	1.5	14
157	Cyclen-based double-tailed lipids for DNA delivery: Synthesis and the effect of linking group structures. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5756-5763.	1.4	14
158	Greatly Enhanced Fluorescence by Increasing the Structural Rigidity of an Imine: Enantioselective Recognition of 1,2-Cyclohexanediamine by a Chiral Aldehyde. <i>Chemistry - A European Journal</i> , 2016, 22, 5963-5968.	1.7	14
159	Amphiphilic polymers formed from ring-opening polymerization: a strategy for the enhancement of gene delivery. <i>Biomaterials Science</i> , 2017, 5, 718-729.	2.6	14
160	Rigid aromatic linking moiety in cationic lipids for enhanced gene transfection efficiency. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 585-595.	2.6	14
161	BINOL derivatives with aggression-induced emission. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4413-4416.	2.9	14
162	Plant-Inspired Multifunctional Fluorescent Hydrogel: A Highly Stretchable and Recoverable Self-Healing Platform with Water-Controlled Adhesiveness for Highly Effective Antibacterial Application and Data Encryption-Decryption. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 57686-57694.	4.0	14

#	ARTICLE	IF	CITATIONS
163	Amino Acid-Linked Low Molecular Weight Polyethylenimine for Improved Gene Delivery and Biocompatibility. <i>Molecules</i> , 2020, 25, 975.	1.7	14
164	Multichannel Chromogenic and Chiral Anions Recognition by Imidazolium Functionalized BINOL Derivatives. <i>Chinese Journal of Chemistry</i> , 2013, 31, 641-650.	2.6	13
165	Novel mitochondria-targeted, nitrogen mustard-based DNA alkylation agents with near infrared fluorescence emission. <i>Talanta</i> , 2016, 161, 888-893.	2.9	13
166	Ratiometric Fluorescence Sensors for 1,2-Diamines Based on Trifluoromethyl Ketones. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5868-5875.	1.2	13
167	Development of Aldehyde-Based Fluorescent Probes for Highly Selective Recognition of 1,3-Diaminopropane. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4990-4994.	1.2	13
168	ROS-responsive fluorinated polycations as non-viral gene vectors. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111666.	2.6	13
169	Trackable Water-Soluble Prodrug Micelles Capable of Rapid Mitochondrial-Targeting and Alkaline pH-Responsive Drug Release for Highly Improved Anticancer Efficacy. <i>ACS Macro Letters</i> , 2019, 8, 719-723.	2.3	13
170	HClO/CIO ⁻ -Indicative Interpenetrating Polymer Network Hydrogels as Intelligent Bioactive Materials for Wound Healing. <i>ACS Applied Bio Materials</i> , 2020, 3, 37-44.	2.3	13
171	Enzyme-catalysed one-pot synthesis of 4H-pyrimido[2,1-b] benzothiazoles and their application in subcellular imaging. <i>Journal of Biotechnology</i> , 2020, 324, 91-98.	1.9	13
172	From MonoBINOL to BisBINOL: Expanded Enantioselective Fluorescent Recognition of Amino Acids. <i>Journal of Organic Chemistry</i> , 2021, 86, 6780-6786.	1.7	13
173	The dicyclic-TPE zinc complex as a novel fluorescent ensemble for nanomolar pyrophosphate sensing in 100% aqueous solution. <i>Organic Chemistry Frontiers</i> , 2014, 1, 1276-1279.	2.3	12
174	Highly selective ratiometric fluorescent recognition of histidine by tetraphenylethene-terpyridine-Zn(ii) complexes. <i>RSC Advances</i> , 2016, 6, 25319-25329.	1.7	12
175	Chemoenzymatic synthesis of dual-responsive graft copolymers for drug delivery: long-term stability, high loading and cell selectivity. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6993-7003.	2.9	12
176	Biocatalytic One-Pot Three-Component Synthesis of Indoloquinolizines with High Diastereoselectivity. <i>Catalysis Letters</i> , 2019, 149, 638-643.	1.4	12
177	Chemoselective and enantioselective fluorescent recognition of glutamic and aspartic acids. <i>Chemical Communications</i> , 2020, 56, 15012-15015.	2.2	12
178	Biocatalytic Synthesis of Optically Active Hydroxyesters via Lipase-Catalyzed Decarboxylative Aldol Reaction and Kinetic Resolution. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 535-543.	1.4	11
179	Synthesis and gene transfection activity of cyclen-based cationic lipids with asymmetric acyl-cholesteryl hydrophobic tails. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3484-3492.	1.5	11
180	Ring-opening polymerization of diepoxides as an alternative method to overcome PEG dilemma in gene delivery. <i>Polymer</i> , 2018, 134, 53-62.	1.8	11

#	ARTICLE	IF	CITATIONS
181	Lipase-catalyzed synthesis of renewable acid-degradable poly(β -thioether ester) and poly(β -thioether) Tj ETQq1 109315.	0.784314 2.6	11
182	Aggregation-Induced Emission Probes for Specific Turn-On Quantification of Bovine Serum Albumin. ACS Applied Bio Materials, 2020, 3, 5193-5201.	2.3	11
183	Multifunctional lipophilic purines: a coping strategy for anti-counterfeiting, lipid droplet imaging and latent fingerprint development. Materials Chemistry Frontiers, 2021, 5, 6603-6610.	3.2	11
184	Purine-based Ir(III) complexes for sensing viscosity of endo-plasmic reticulum with fluorescence lifetime imaging microscopy. Chemical Communications, 2021, 57, 2265-2268.	2.2	11
185	Zn-dipicolylamine-based reactive oxygen species-responsive lipids for siRNA delivery and in vivo colitis treatment. Acta Biomaterialia, 2022, 147, 287-298.	4.1	11
186	Arm effects of mononuclear armed cyclen copper complexes on DNA cleavage. Transition Metal Chemistry, 2008, 33, 759-765.	0.7	10
187	Immobilization cyclen copper (II) on Merrifield resin: Efficient oxidative cleavage of plasmid DNA. Journal of Applied Polymer Science, 2009, 111, 2485-2492.	1.3	10
188	Synthesis, DNA binding and cleavage studies of the copper(II) complexes of PNA-cyclen conjugates. Science China Chemistry, 2011, 54, 129-136.	4.2	10
189	Highly selective fluorescent recognition of Zn ²⁺ in water by terpyridine-CuCl ₂ . Analytical Methods, 2012, 4, 1909.	1.3	10
190	Cyclen-Based Cationic Lipids Containing Carbamate Linkages as Efficient Gene Delivery Vectors with Low Toxicity. ChemPlusChem, 2012, 77, 584-591.	1.3	10
191	Hydroxyl-containing non-viral lipidic gene vectors with macrocyclic polyamine headgroups. RSC Advances, 2015, 5, 59417-59427.	1.7	10
192	Microwave-assisted synthesis of 2-pyridinylethyl indazoles. Tetrahedron Letters, 2015, 56, 4811-4814.	0.7	10
193	Water-soluble mitochondria-targeting polymeric prodrug micelles for fluorescence monitoring and high intracellular anticancer efficiency. Polymer Chemistry, 2017, 8, 5982-5987.	1.9	10
194	Reaction of Zn(II) with a BINOL-amino-acid Schiff base: An unusual off-on-off fluorescence response. Tetrahedron Letters, 2018, 59, 2332-2334.	0.7	10
195	Synthesis and Properties of Low-Molecular-Weight PEI-Based Lipopolymers for Delivery of DNA. Polymers, 2018, 10, 1060.	2.0	10
196	Combining Wittig Olefination with Photoassisted Domino Reaction To Distinguish 5-Formylcytosine from 5-Formyluracil. Analytical Chemistry, 2019, 91, 9366-9370.	3.2	10
197	Simultaneous Determination of Concentration and Enantiomeric Composition of Amino Acids in Aqueous Solution by Using a Tetrabromobiphenyl Dialdehyde Probe. Chemistry - A European Journal, 2019, 25, 9967-9972.	1.7	10
198	Enzymatic synthesis of selenium-containing amphiphilic aliphatic polycarbonate as an oxidation-responsive drug delivery vehicle. RSC Advances, 2019, 9, 6003-6010.	1.7	10

#	ARTICLE	IF	CITATIONS
199	A Fluorescent Self-Reporting Vector with GSH Reduction Responsiveness for Nucleic Acid Delivery. ACS Applied Bio Materials, 2021, 4, 5717-5726.	2.3	10
200	Three-in-one: information encryption, anti-counterfeiting and LD-tracking of multifunctional purine derivatives. Journal of Materials Chemistry C, 2021, 9, 2864-2872.	2.7	10
201	One-Pot Lipase-Catalyzed Aldol Reaction Combination of In Situ Formed Acetaldehyde. Applied Biochemistry and Biotechnology, 2013, 171, 1559-1567.	1.4	9
202	Visual detection of amino acids by supramolecular gel collapse. RSC Advances, 2013, 4, 2119-2123.	1.7	9
203	Lipase-catalyzed regioselective domino reaction for the synthesis of chromenone derivatives. RSC Advances, 2015, 5, 78927-78932.	1.7	9
204	Recognition of Chiral Amines by a Terpyridine-Zn II Complex-Based Circular Dichroism Sensor. European Journal of Organic Chemistry, 2017, 2017, 2338-2343.	1.2	9
205	Polymer Amplified Enantioselectivity in the Fluorescent Recognition of Prolinol. Chemistry - A European Journal, 2017, 23, 17678-17681.	1.7	9
206	Bio-inspired assembly in a phospholipid bilayer: effective regulation of electrostatic and hydrophobic interactions for plasma membrane specific probes. Chemical Communications, 2020, 56, 3661-3664.	2.2	9
207	Sulfonation of 3,3'-Diformyl-BINOL for Enantioselective Fluorescent Recognition of Amino Acids in Water. Chemistry - A European Journal, 2020, 26, 7258-7262.	1.7	9
208	Linear TACN-based cationic polymers as non-viral gene vectors. RSC Advances, 2014, 4, 59164-59174.	1.7	8
209	A BINOL Based Fluorescence Sensor for Distinction of D-Glucose. Chinese Journal of Chemistry, 2015, 33, 101-106.	2.6	8
210	Bio-reducible polycations from ring-opening polymerization as potential gene delivery vehicles. Organic and Biomolecular Chemistry, 2016, 14, 6470-6478.	1.5	8
211	Polyethylenimine analogs for improved gene delivery: effect of the type of amino groups. RSC Advances, 2016, 6, 5391-5400.	1.7	8
212	Glutathione modified low molecular weight PEI for highly improved gene transfection ability and biocompatibility. New Journal of Chemistry, 2019, 43, 12109-12117.	1.4	8
213	Aqueous Wittig reaction-mediated fast fluorogenic identification and single-base resolution analysis of 5-formylcytosine in DNA. Chemical Communications, 2020, 56, 12158-12161.	2.2	8
214	Ferrocene-bridging dinuclear cyclen copper(II) complexes as high efficient artificial nucleases: design, synthesis and interaction with DNA. Applied Organometallic Chemistry, 2008, 22, 243-248.	1.7	7
215	Interaction of bis-aryl functionalized molecules with nucleosides and nucleic acids. Science China Chemistry, 2010, 53, 103-112.	4.2	7
216	Effects of Additives on Lipase Immobilization in Microemulsion-Based Organogels. Applied Biochemistry and Biotechnology, 2014, 172, 3128-3140.	1.4	7

#	ARTICLE	IF	CITATIONS
217	Biodegradable Gene Carriers Containing Rigid Aromatic Linkage with Enhanced DNA Binding and Cell Uptake. <i>Polymers</i> , 2018, 10, 1080.	2.0	7
218	Lipase-catalyzed synthesis of pH-responsive poly(<i>l</i> -thioether ester)- <i>co</i> -poly(ethylene Terephthalate) (PET) copolymer. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 564-574.	1.8	7
219	Probing the Mechanism of CAL β -Catalyzed aza β -Michael Addition of Aniline Compounds with Acrylates Using Mutation and Molecular Docking Simulations. <i>ChemistrySelect</i> , 2019, 4, 3848-3854.	0.7	7
220	A mitochondria β -nucleolus migration fluorescent probe for monitoring of mitochondrial membrane potential and identification of cell apoptosis. <i>Analytical Methods</i> , 2019, 11, 5750-5754.	1.3	7
221	Preparation of fluorophore-tagged polymeric drug delivery vehicles with multiple biological stimuli-triggered drug release. <i>Materials Science and Engineering C</i> , 2020, 108, 110358.	3.8	7
222	A novel route to unsymmetrical disubstituted ureas and thioureas by HMPA catalyzed reductive alkylation with trichlorosilane. <i>Organic Chemistry Frontiers</i> , 2020, 7, 472-481.	2.3	7
223	Hierarchical Targeted Delivery of Lonidamine and Camptothecin Based on the Ultra-Rapid pH/GSH Response Nanoparticles for Synergistic Chemotherapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 7382-7387.	2.3	7
224	Bioinspired pyrimidine-containing cationic polymers as effective nanocarriers for DNA and protein delivery. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2275-2285.	2.9	7
225	A facile strategy to construct fluorescent pH-sensitive drug delivery vehicle. <i>Polymer</i> , 2020, 197, 122496.	1.8	7
226	Combining photo-redox and enzyme catalysis for the synthesis of 4H-pyrimido[2,1-b] benzothiazole derivatives in one pot. <i>Bioorganic Chemistry</i> , 2021, 107, 104534.	2.0	7
227	Electrochemical Cross-Dehydrogenative Aromatization Protocol for the Synthesis of Aromatic Amines. <i>Organic Letters</i> , 2022, 24, 1011-1016.	2.4	7
228	Comparative Reactivities of Metal Cation β -Catalyzed Hydrolysis of <i>p</i> -Nitrophenyl Picolinate in Micellar Solutions. <i>Journal of Dispersion Science and Technology</i> , 2003, 24, 761-765.	1.3	6
229	Novel cyclen-based linear polymer as a high-affinity binding material for DNA condensation. <i>Science in China Series B: Chemistry</i> , 2009, 52, 483-488.	0.8	6
230	Enzyme β -Catalyzed Synthesis of a Novel Thermosensitive Polyester with Pendant Ketoprofen. <i>Macromolecular Bioscience</i> , 2011, 11, 595-599.	2.1	6
231	Novel biocompatible fluorescent polymeric micelles based on 1,8-naphthalimide derivatives for cell imaging. <i>Polymer Chemistry</i> , 2015, 6, 364-368.	1.9	6
232	Iodine-mediated synthesis of 3-acylbenzothiadiazine 1,1-dioxides. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 1072-1078.	1.3	6
233	Fluorous β -Phase β -Based Chiral Assay with Circular Dichroism Spectroscopy. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1413-1417.	1.2	6
234	Fluorescent Recognition of 1,3 β -Diaminopropane in the Fluorous Phase β Greatly Enhanced Sensitivity and Selectivity. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1053-1059.	1.2	6

#	ARTICLE	IF	CITATIONS
235	Zn(<i>cyclen</i>)-cyclen complex-based liposomes for gene delivery: the advantage of Zn coordination. <i>New Journal of Chemistry</i> , 2019, 43, 16138-16147.	1.4	6
236	A near-infrared water-soluble fluorescent probe for the detection of biothiols in living cells and <i>Escherichia coli</i> . <i>Analytical Methods</i> , 2019, 11, 821-826.	1.3	6
237	Fluorinated polymer emulsion systems: Construction and application in delivering genes and proteins. <i>European Journal of Medicinal Chemistry</i> , 2020, 207, 112799.	2.6	6
238	One-step fabrication of functional carbon dots with long wavelength emission for gene delivery and bio-imaging. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8518-8529.	2.9	6
239	A metal-free fluorescent probe for selective detection of histidine. <i>Tetrahedron</i> , 2021, 95, 132366.	1.0	6
240	Construction of GSH-triggered cationic fluoropolymers as two-in-one nanoplatfoms for combined chemo-gene therapy. <i>Journal of Materials Chemistry B</i> , 2022, , .	2.9	6
241	Preparation of chiral aryl alcohols: a controllable enzymatic strategy <i>via</i> light-driven NAD(P)H regeneration. <i>New Journal of Chemistry</i> , 2022, 46, 6274-6282.	1.4	6
242	Electrospray Ionization Mass Spectral Characteristics of Polyamide Containing 1,4,7,10-Tetraazacyclododecane. <i>Chinese Journal of Chemistry</i> , 2006, 24, 923-928.	2.6	5
243	Catalytic Hydrolysis of Phosphate Diester with Metal Complexes of Macrocyclic Tetraamine in Comicellar Solution. <i>Chinese Journal of Chemistry</i> , 2001, 19, 158-163.	2.6	5
244	Spectroscopic studies on the interaction of terpyridine-CuCl ₂ with cysteine. <i>RSC Advances</i> , 2015, 5, 53905-53910.	1.7	5
245	Cationic lipids with a cyclen headgroup: synthesis and structure-activity relationship studies as non-viral gene vectors. <i>RSC Advances</i> , 2017, 7, 18681-18689.	1.7	5
246	Small Combinatorial Library of Lipidoids as Nanovectors for Gene Delivery. <i>ACS Applied Nano Materials</i> , 2018, 1, 3925-3934.	2.4	5
247	Semiquantitative Visual Chiral Assay with a Pseudoenantiomeric Fluorescent Sensor Pair. <i>Journal of Organic Chemistry</i> , 2021, 86, 9603-9609.	1.7	5
248	A dual-site controlled pH probe revealing the pH of sperm cytoplasm and screening for healthy spermatozoa. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3662-3665.	2.9	5
249	Zn-Promoted gene transfection efficiency for non-viral vectors: a mechanism study. <i>New Journal of Chemistry</i> , 2021, 45, 13549-13557.	1.4	5
250	Liposomes Derived from Macrocyclic Polyamine as a Versatile Macromolecule Delivery System. <i>ACS Applied Bio Materials</i> , 2021, 4, 844-852.	2.3	5
251	Compensatory role of endogenous sulfur dioxide in nitric oxide deficiency-induced hypertension. <i>Redox Biology</i> , 2021, 48, 102192.	3.9	5
252	Imidazolium-based 1,1'-bi-2-naphthol fluorescent probe for ratiometric and selective detection of DNA in water. <i>Analytical Methods</i> , 2013, 5, 5903.	1.3	4

#	ARTICLE	IF	CITATIONS
253	A Highly Selective Ratiometric Fluorescent Probe for Peroxynitrite Detection in Aqueous Media. <i>Chemistry Letters</i> , 2016, 45, 691-693.	0.7	4
254	A pyrene-based fast-responsive fluorescent probe for G-quadruplexes. <i>Analytical Methods</i> , 2017, 9, 2397-2400.	1.3	4
255	A Novel Colorimetric Fluorescent Probe for SO ₂ and Its Application in Living Cells Imaging. <i>Molecules</i> , 2018, 23, 871.	1.7	4
256	Lipase-Catalyzed Highly Efficient 1,6-Conjugated Addition for Synthesis of Triarylmethanes. <i>Catalysis Letters</i> , 2020, 150, 1268-1276.	1.4	4
257	Cationic Heteropolymers with Various Functional Groups as Efficient and Biocompatible Nonviral Gene Vectors. <i>ACS Applied Bio Materials</i> , 2020, 3, 3526-3534.	2.3	4
258	A solvent-free and efficient synthesis of bicyclic 2-pyridone derivatives for endoplasmic reticulum imaging. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3631-3638.	2.3	4
259	Sulphenylation of CypD at Cysteine 104: A Novel Mechanism by Which SO ₂ Inhibits Cardiomyocyte Apoptosis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 784799.	1.8	4
260	The interaction of a cobalt porphyrin with cancer-associated nitrosamines. <i>Bioorganic Chemistry</i> , 2014, 56, 67-74.	2.0	3
261	Fluorescent Recognition of Functional Secondary Amines in the Fluorous Phase. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2533-2538.	1.2	3
262	Opposite Enantioselectivity of Mg(II) Versus Zn(II) in the Fluorescent Recognition of Amino Acids. <i>Journal of Organic Chemistry</i> , 2020, 85, 4901-4905.	1.7	3
263	Donor and acceptor engineering for BINOL based AlEgens with enhanced fluorescence performance. <i>Materials Advances</i> , 2020, 1, 61-70.	2.6	3
264	Highly chemoselective and enantioselective recognition of serine by a fluorescent probe. <i>Tetrahedron Letters</i> , 2021, 66, 152803.	0.7	3
265	Qualitative and quantitative detection of aldehydes in DNA with 2-amino benzamidoxime derivative. <i>Chinese Chemical Letters</i> , 2022, , .	4.8	3
266	Dinuclear Zinc (II) Complexes of Macrocyclic Polyamine Ligands Containing an Imidazolium Bridge: Synthesis, Characterization, and Their Interaction with Plasmid DNA. <i>International Journal of Molecular Sciences</i> , 2007, 8, 606-617.	1.8	2
267	Molecular Recognition of Bases and Nucleosides by Mono-substituted Mononuclear Complexes of 1, 4, 7, 10-Tetraaza-cyclododecane. <i>Chinese Journal of Chemistry</i> , 2003, 21, 910-916.	2.6	2
268	Fluorescent Discrimination of Primary Alkyl Amines by Using a Binaphthyl Ladder Polymer. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1896-1901.	1.2	2
269	An AlE-Based Probe for Rapid and Ultrasensitive Imaging of Plasma Membranes in Biosystems. <i>Angewandte Chemie</i> , 2020, 132, 10048-10052.	1.6	2
270	Discovery of an Ultra-rapid and Sensitive Lysosomal Fluorescence Lipophagy Process. <i>Angewandte Chemie</i> , 0, , .	1.6	2

#	ARTICLE	IF	CITATIONS
271	A cyclen-based fluoropolymer as a versatile vector for gene and protein delivery. <i>European Polymer Journal</i> , 2022, 170, 111153.	2.6	2
272	Enantioselective Fluorescent Recognition of β -Amino Alcohols by a Stereoselective Cyclization. <i>European Journal of Organic Chemistry</i> , 0, , .	1.2	2
273	Synthesis and primary biological evaluation of $^{188}\text{ReN-NEMPTDD}$. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008, 277, 365-369.	0.7	1
274	Novel amphiphilic fluorine-containing nanocarriers for oxygen self-sufficiency AND GSH depletion sequentially to enhance photodynamic therapy. <i>Materials Science and Engineering C</i> , 2021, 128, 112341.	3.8	1
275	Zinc(ii)-cyclen coordinative amphiphiles for enhanced gene delivery. <i>RSC Advances</i> , 2020, 10, 39842-39853.	1.7	1
276	An efficient and stable magnetic nano-biocatalyst for biodiesel synthesis in recyclable ionic liquids. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 11947-11957.	2.9	1
277	Synthesis and molecular recognition of novel cyclic pseudopeptides containing α -glutamic acid or α -aspartic acid backbones. <i>Chinese Journal of Chemistry</i> , 2004, 22, 1052-1055.	2.6	0
278	Detection of 5-Formylcytosine and 5-Formyluracil Based on Photo-Assisted Domino Reaction. <i>Springer Protocols</i> , 2022, , 141-153.	0.1	0
279	Rapid chiral assay of amino compounds using diethyl squarate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 272, 120871.	2.0	0
280	Polymorphic coumarinopyrone with four fluorescent colors: A case of switching of solid-state luminescence by controlling the torsion angel between the donor and the fluorophore. <i>Dyes and Pigments</i> , 2022, , 110324.	2.0	0