

Lei Zhu

List of Publications by Year in descending order

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146
papers

6,518
citations

53794

45
h-index

76900

74
g-index

160
all docs

160
docs citations

160
times ranked

6751
citing authors

#	ARTICLE	IF	CITATIONS
1	Controllable Preparation of Chiral Oxazoline-Cu(II) Catalyst as Nanoreactor for Highly Asymmetric Henry Reaction in Water. <i>Catalysis Letters</i> , 2022, 152, 106-115.	2.6	3
2	Triple Emission of 5- <i>para</i> -R-Phenylene)vinylene-2-(2-hydroxyphenyl)benzoxazole (PVHBO). Part II: Emission from Anions. <i>Journal of Physical Chemistry A</i> , 2022, , .	2.5	2
3	Triple Emission of 5- <i>para</i> -R-Phenylene)vinylene-2-(2-hydroxyphenyl)benzoxazole (PVHBO). Part I: Dual Emission from the Neutral Species. <i>Journal of Physical Chemistry A</i> , 2022, 126, 1033-1061.	2.5	7
4	Palladium-Catalyzed Intramolecular Diarylation of 1,3-Diketone in Total Synthesis of (±)-Spiroaxillarone A. <i>Organic Letters</i> , 2022, 24, 1491-1495.	4.6	6
5	Preparation and characterization of lignin grafted layered double hydroxides for sustainable service of bitumen under ultraviolet light. <i>Journal of Cleaner Production</i> , 2022, 350, 131536.	9.3	12
6	Regio- and Enantioselective Hydroalkylations of Unactivated Olefins Enabled by Nickel Catalysis: Reaction Development and Mechanistic Insights. <i>ACS Catalysis</i> , 2022, 12, 5795-5805.	11.2	31
7	Highly Enantioselective Synthesis of [1,2,4]Triazino[5,4- <i>a</i>]isoquinoline Derivatives via (3 + 3) Cycloaddition Reactions of Diazo Compounds and Isoquinolinium Methylides. <i>Organic Letters</i> , 2022, 24, 3766-3771.	4.6	7
8	The Collective Power of Genetically Encoded Protein/Peptide Tags and Bioorthogonal Chemistry in Biological Fluorescence Imaging. <i>ChemPhotoChem</i> , 2021, 5, 187-216.	3.0	6
9	Mechanistic insights into the rhodium-copper cascade catalyzed dual C-H annulation of indoles. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1739-1746.	4.5	8
10	Combining palladium and ammonium halide catalysts for Morita-Baylis-Hillman carbonates of methyl vinyl ketone: from 1,4-carbodipoles to ion pairs. <i>Chemical Science</i> , 2021, 12, 11399-11405.	7.4	20
11	A ratiometric fluorescent probe for monitoring pH fluctuations during autophagy in living cells. <i>Chemical Communications</i> , 2021, 57, 1510-1513.	4.1	37
12	Hydroxyaromatic Fluorophores. <i>ACS Omega</i> , 2021, 6, 3447-3462.	3.5	7
13	How Solvents Control the Chemoselectivity in Rh-Catalyzed Defluorinated [4 + 1] Annulation. <i>Organic Letters</i> , 2021, 23, 1489-1494.	4.6	10
14	Synergistic Dinuclear Rhodium Induced Rhodium-Walking Enabling Alkene Terminal Arylation: A Theoretical Study. <i>ACS Catalysis</i> , 2021, 11, 3975-3987.	11.2	11
15	Cellulosic CuI Nanoparticles as a Heterogeneous, Recyclable Catalyst for the Borylation of $\hat{1},\hat{2}$ -Unsaturated Acceptors in Aqueous Media. <i>Catalysis Letters</i> , 2021, 151, 3220-3229.	2.6	7
16	Revealing HOCl burst from endoplasmic reticulum in cisplatin-treated cells via a ratiometric fluorescent probe. <i>Chinese Chemical Letters</i> , 2021, 32, 1795-1798.	9.0	53
17	Visible-Light-Driven Anti-Markovnikov Hydrocarboxylation of Acrylates and Styrenes with CO ₂ . <i>CCS Chemistry</i> , 2021, 3, 1746-1756.	7.8	70
18	Palladium-Catalyzed Modular and Enantioselective <i>cis</i> -Difunctionalization of 1,3-Enynes with Imines and Boronic Reagents. <i>Journal of the American Chemical Society</i> , 2021, 143, 17989-17994.	13.7	37

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19	Cu ^{II} -Catalyzed Oxidative Formation of 5-Alkynyltriazoles. <i>Chemistry - an Asian Journal</i> , 2020, 15, 380-390.	3.3	4
20	Nucleophilicity versus Brønsted Basicity Controlled Chemoselectivity: Mechanistic Insight into Silver- or Scandium-Catalyzed Diazo Functionalization. <i>ACS Catalysis</i> , 2020, 10, 1256-1263.	11.2	31
21	A novel benzothiazine-fused coumarin derivative for sensing hypochlorite with high performance. <i>Dyes and Pigments</i> , 2020, 182, 108675.	3.7	28
22	Visible-Light Photoredox-Catalyzed Remote Difunctionalizing Carboxylation of Unactivated Alkenes with CO ₂ . <i>Angewandte Chemie</i> , 2020, 132, 21307-21314.	2.0	21
23	Œf-Bond Migration Assisted Decarboxylative Activation of Vinylene Carbonate in Rh-Catalyzed 4 + 2 Annulation: A Theoretical Study. <i>Organometallics</i> , 2020, 39, 2813-2819.	2.3	19
24	Catalytic enantioselective construction of vicinal quaternary carbon stereocenters. <i>Chemical Science</i> , 2020, 11, 9341-9365.	7.4	96
25	Visible-Light Photoredox-Catalyzed Remote Difunctionalizing Carboxylation of Unactivated Alkenes with CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21121-21128.	13.8	102
26	Nickel-catalyzed migratory alkyl-alkyl cross-coupling reaction. <i>Chemical Science</i> , 2020, 11, 10461-10464.	7.4	20
27	The influence of amino substituents on the signal-output, selectivity, and sensitivity of a hydroxyaromatic 1,2,3-triazolyl chemosensor for anions: A structure-property relationship investigation. <i>Journal of Physical Organic Chemistry</i> , 2020, 33, e4078.	1.9	3
28	SNAP/CLIP-Tags and Strain-Promoted Azide-Alkyne Cycloaddition (SPAAC)/Inverse Electron Demand Diels-Alder (IEDDA) for Intracellular Orthogonal/Bioorthogonal Labeling. <i>Bioconjugate Chemistry</i> , 2020, 31, 1370-1381.	3.6	26
29	Kinetically Controlled Radical Addition/Elimination Cascade: From Alkynyl Aziridine to Fluorinated Allenes. <i>Organic Letters</i> , 2020, 22, 2419-2424.	4.6	16
30	Protecting-Group-Free Total Syntheses of (±)-Norascyrones A and B. <i>Organic Letters</i> , 2020, 22, 2517-2521.	4.6	13
31	Layered Chirality Relay Model in Rh(I)-Mediated Enantioselective C-Si Bond Activation: A Theoretical Study. <i>Organic Letters</i> , 2020, 22, 2124-2128.	4.6	23
32	Expanding the substrate selectivity of SNAP/CLIP-tagging of intracellular targets. <i>Methods in Enzymology</i> , 2020, 638, 233-257.	1.0	3
33	Enantiodivergence by minimal modification of an acyclic chiral secondary aminocatalyst. <i>Nature Communications</i> , 2019, 10, 5182.	12.8	35
34	Highly Selective and Catalytic Generation of Acyclic Quaternary Carbon Stereocenters via Functionalization of 1,3-Dienes with CO ₂ . <i>Journal of the American Chemical Society</i> , 2019, 141, 18825-18835.	13.7	104
35	Oxidative Addition Promoted C-C Bond Cleavage in Rh-Mediated Cyclopropanone Activation: A DFT Study. <i>ACS Catalysis</i> , 2019, 9, 10876-10886.	11.2	40
36	Unmasking the Ligand Effect in Manganese-Catalyzed Hydrogenation: Mechanistic Insight and Catalytic Application. <i>Journal of the American Chemical Society</i> , 2019, 141, 17337-17349.	13.7	102

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37	Formal Asymmetric Cycloaddition of Activated $\hat{1},\hat{1}^2$ -Unsaturated Ketones with $\hat{1}$ -Diazomethylphosphonate Mediated by a Chiral Silver SPINOL Phosphate Catalyst. <i>Organic Letters</i> , 2019, 21, 593-597.	4.6	22
38	Mechanistic Insight into Palladium-Catalyzed Carbocyclization-Functionalization of Bisallene: A Computational Study. <i>ChemCatChem</i> , 2019, 11, 1228-1237.	3.7	20
39	An unusual [4 + 2] fusion strategy to forge meso-N/O-heteroarene-fused (quinoidal) porphyrins with intense near-infrared Q-bands. <i>Chemical Science</i> , 2019, 10, 7274-7280.	7.4	20
40	Theoretical prediction on the reactivity of the Co-mediated intramolecular Pauson-Khand reaction for constructing bicyclo-skeletons in natural products. <i>Chinese Chemical Letters</i> , 2019, 30, 889-894.	9.0	13
41	Theoretical Study of the Addition of Cu-Carbenes to Acetylenes to Form Chiral Allenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 5772-5780.	13.7	35
42	Theoretical study of FMO adjusted C-H cleavage and oxidative addition in nickel catalysed C-H arylation. <i>Communications Chemistry</i> , 2019, 2, .	4.5	12
43	Site-Selective $\hat{1}$ -Alkoxy Alkynylation of Alkyl Esters Mediated by Boryl Radicals. <i>Organic Letters</i> , 2019, 21, 2927-2931.	4.6	16
44	Asymmetric Propargylic Radical Cyanation Enabled by Dual Organophotoredox and Copper Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 6167-6172.	13.7	174
45	Unveiling how intramolecular stacking modes of covalently linked dimers dictate photoswitching properties. <i>Nature Communications</i> , 2019, 10, 5480.	12.8	6
46	Acyl radical to rhodacycle addition and cyclization relay to access butterfly flavylum fluorophores. <i>Nature Communications</i> , 2019, 10, 5664.	12.8	9
47	Well-Designed Phosphine-Urea Ligand for Highly Diastereo- and Enantioselective 1,3-Dipolar Cycloaddition of Methacrylonitrile: A Combined Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2019, 141, 961-971.	13.7	70
48	Theoretical Advances on the Mechanism of Transition Metal-Catalyzed C-F Functionalization. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 38.	1.3	9
49	Pyrrole $\hat{1}^2$ -amides: Synthesis and characterization of a dipyrinone carboxylic acid and an N-Confused fluorescent dipyrinone. <i>Tetrahedron</i> , 2018, 74, 1698-1704.	1.9	4
50	Fluorescence of Hydroxyphenyl-Substituted $\hat{1}$ -Click-Triazoles. <i>Journal of Physical Chemistry A</i> , 2018, 122, 2956-2973.	2.5	21
51	Synthesis of 1-Cyanoalkynes and Their Ruthenium(II)-Catalyzed Cycloaddition with Organic Azides to Afford 4-Cyano-1,2,3-triazoles. <i>Journal of Organic Chemistry</i> , 2018, 83, 5092-5103.	3.2	20
52	Ruthenium(II)-Catalyzed C-H Difluoromethylation of Ketoximes: Tuning the Regioselectivity from the <i>meta</i> to the <i>para</i> Position. <i>Angewandte Chemie</i> , 2018, 130, 1291-1295.	2.0	26
53	Ruthenium-catalyzed umpolung carboxylation of hydrazones with CO_2 . <i>Chemical Science</i> , 2018, 9, 4873-4878.	7.4	62
54	Ruthenium(II)-enabled <i>para</i> -selective C-H difluoromethylation of anilides and their derivatives. <i>Nature Communications</i> , 2018, 9, 1189.	12.8	104

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55	Theoretical insight into phosphoric acid-catalyzed asymmetric conjugate addition of indolizines to α,β -unsaturated ketones. Chinese Chemical Letters, 2018, 29, 1237-1241.	9.0	26
56	Insights into disilylation and distannation: sequence influence and ligand/steric effects on Pd-catalyzed difunctionalization of carbenes. Dalton Transactions, 2018, 47, 1819-1826.	3.3	21
57	Ruthenium(II)-Catalyzed α -H Difluoromethylation of Ketoximes: Tuning the Regioselectivity from the <i>meta</i> to the <i>para</i> Position. Angewandte Chemie - International Edition, 2018, 57, 1277-1281.	13.8	100
58	The mechanism of copper-catalyzed oxytrifluoromethylation of allylamines with CO ₂ : a computational study. Organic Chemistry Frontiers, 2018, 5, 633-639.	4.5	46
59	Retro-metal-ene versus retro-Aldol: mechanistic insight into Rh-catalysed formal [3+2] cycloaddition. Chemical Communications, 2018, 54, 13551-13554.	4.1	4
60	Beyond O ⁶ -Benzylguanine: O ⁶ -(5-Pyridylmethyl)guanine as a Substrate for the Self-Labeling Enzyme SNAP-Tag. Bioconjugate Chemistry, 2018, 29, 4104-4109.	3.6	9
61	Excitation-Dependent Multiple Fluorescence of a Substituted 2-(2-Hydroxyphenyl)benzoxazole. Journal of Physical Chemistry A, 2018, 122, 9209-9223.	2.5	30
62	Mechanistic Insights into Manganese (I)-Catalyzed Chemoselective Hydroarylations of Alkynes: A Theoretical Study. ChemCatChem, 2018, 10, 5280-5286.	3.7	12
63	Mechanistic view of Ru-catalyzed α -H bond activation and functionalization: computational advances. Chemical Society Reviews, 2018, 47, 7552-7576.	38.1	212
64	Annulation cascade of aryl nitriles with alkynes to stable delocalized PAH carbocations via intramolecular rhodium migration. Chemical Science, 2018, 9, 5488-5493.	7.4	34
65	Experimental and Theoretical Studies on Ru(II)-Catalyzed Oxidative α -H/ α -H Coupling of Phenols with Aromatic Amides Using Air as Oxidant: Scope, Synthetic Applications, and Mechanistic Insights. ACS Catalysis, 2018, 8, 8324-8335.	11.2	34
66	Borylation of α,β -Unsaturated Acceptors by Chitosan Composite Film Supported Copper Nanoparticles. Nanomaterials, 2018, 8, 326.	4.1	9
67	Recyclable Heterogeneous Chitosan Supported Copper Catalyst for Silyl Conjugate Addition to α,β -Unsaturated Acceptors in Water. Polymers, 2018, 10, 385.	4.5	12
68	Catalytic Lactonization of Unactivated Aryl α -H Bonds with CO ₂ : Experimental and Computational Investigation. Organic Letters, 2018, 20, 3776-3779.	4.6	64
69	Thiolate-palladium (iv) or sulfonium-palladate(0)? A theoretical study on the mechanism of palladium-catalyzed α -S bond formation reactions. Organic Chemistry Frontiers, 2017, 4, 943-950.	4.5	13
70	Enantioselective alkylation of N-sulfonyl α -ketiminoesters via a Friedel-Crafts alkylation strategy. Chemical Communications, 2017, 53, 5890-5893.	4.1	20
71	Bioinspired Total Synthesis of Homodimericin...A. Angewandte Chemie, 2017, 129, 7998-8002.	2.0	4
72	Bioinspired Total Synthesis of Homodimericin...A. Angewandte Chemie - International Edition, 2017, 56, 7890-7894.	13.8	25

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73	Ir(III)/Ir(V) or Ir(I)/Ir(III) Catalytic Cycle? Steric-Effect-Controlled Mechanism for the C-H Borylation of Arenes. <i>Organometallics</i> , 2017, 36, 2107-2115.	2.3	38
74	Bioinspired Asymmetric Synthesis of Hispidanin...A. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5844-5848.	13.8	24
75	Bioinspired Asymmetric Synthesis of Hispidanin...A. <i>Angewandte Chemie</i> , 2017, 129, 5938-5942.	2.0	3
76	Stabilization of Two Radicals with One Metal: A Stepwise Coupling Model for Copper-Catalyzed Radical-Radical Cross-Coupling. <i>Scientific Reports</i> , 2017, 7, 43579.	3.3	35
77	Highly enantioselective nitro-Mannich reaction of ketimines under phase-transfer catalysis. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1266-1271.	4.5	33
78	Progressive structural modification to a zinc-actuated photoinduced electron transfer (PeT) switch in the context of intracellular zinc imaging. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9139-9148.	2.8	5
79	Rhodium/Copper Cocatalyzed Highly trans-Selective 1,2-Diheteroarylation of Alkynes with Azoles via C-H Addition/Oxidative Cross-Coupling: A Combined Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2017, 139, 15724-15737.	13.7	59
80	From Mechanistic Study to Chiral Catalyst Optimization: Theoretical Insight into Binaphthophosphine-catalyzed Asymmetric Intramolecular [3 + 2] Cycloaddition. <i>Scientific Reports</i> , 2017, 7, 7619.	3.3	11
81	Radical Trifluoromethylative Dearomatization of Indoles and Furans with CO ₂ . <i>ACS Catalysis</i> , 2017, 7, 8324-8330.	11.2	85
82	Reactivity and regioselectivity in Diels-Alder reactions of anion encapsulated fullerenes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 30393-30401.	2.8	19
83	Ligand effect on nickel-catalyzed reductive alkyne-aldehyde coupling reactions: a computational study. <i>Scientia Sinica Chimica</i> , 2017, 47, 341-349.	0.4	2
84	Structural Determinants of Alkyne Reactivity in Copper-Catalyzed Azide-Alkyne Cycloadditions. <i>Molecules</i> , 2016, 21, 1697.	3.8	23
85	Frontispiece: Efficient Synthesis of Dimeric Oxazoles, Piperidines and Tetrahydroisoquinolines from N-Substituted Oxazolones. <i>Chemistry - A European Journal</i> , 2016, 22, .	3.3	0
86	Efficient Synthesis of Dimeric Oxazoles, Piperidines and Tetrahydroisoquinolines from N-Substituted Oxazolones. <i>Chemistry - A European Journal</i> , 2016, 22, 7696-7701.	3.3	11
87	On the Mechanism of Copper(I)-Catalyzed Azide-Alkyne Cycloaddition. <i>Chemical Record</i> , 2016, 16, 1501-1517.	5.8	74
88	Zinc(II) Complexes of N, N-Di(2-picoly)hydrazones. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5477-5484.	2.0	3
89	Dual Role of Acetate in Copper(II) Acetate Catalyzed Dehydrogenation of Chelating Aromatic Secondary Amines: A Kinetic Case Study of Copper-Catalyzed Oxidation Reactions. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3728-3743.	2.0	18
90	Cu(II)-Catalyzed Oxidative Formation of 5,5-Bistriazoles. <i>Journal of Organic Chemistry</i> , 2016, 81, 12091-12105.	3.2	32

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91	Mechanism of Synergistic Cu(II)/Cu(I)-Mediated Alkyne Coupling: Dinuclear 1,2-Reductive Elimination after Minimum Energy Crossing Point. <i>Journal of Organic Chemistry</i> , 2016, 81, 1654-1660.	3.2	42
92	Rhodium-Catalyzed Hetero-(5 + 2) Cycloaddition of Vinylaziridines and Alkynes: A Theoretical View of the Mechanism and Chirality Transfer. <i>Organometallics</i> , 2016, 35, 771-777.	2.3	33
93	Titelbild: Precise Design of Phosphorescent Molecular Butterflies with Tunable Photoinduced Structural Change and Dual Emission (<i>Angew. Chem.</i> 33/2015). <i>Angewandte Chemie</i> , 2015, 127, 9553-9553.	2.0	0
94	Inside Back Cover: Fabrication of Highly Stable Glyco-Gold Nanoparticles and Development of a Glyco-Gold Nanoparticle-Based Oriented Immobilized Antibody Microarray for Lectin (GOAL) Assay (<i>Chem. Eur. J.</i> 10/2015). <i>Chemistry - A European Journal</i> , 2015, 21, 4163-4163.	3.3	1
95	Tuning the Reactivity of Radical through a Triplet Diradical Cu(II) Intermediate in Radical Oxidative Cross-Coupling. <i>Scientific Reports</i> , 2015, 5, 15934.	3.3	34
96	Precise Design of Phosphorescent Molecular Butterflies with Tunable Photoinduced Structural Change and Dual Emission. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9591-9595.	13.8	85
97	Development of a Rhodium(II)-Catalyzed Chemoselective C(sp ³)–H Oxygenation. <i>Chemistry - A European Journal</i> , 2015, 21, 14937-14942.	3.3	38
98	5-Arylvinylene-2,2'-bipyridyls: Bright "push-pull" dyes as components in fluorescent indicators for zinc ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 311, 1-15.	3.9	46
99	Enhancing the Photostability of Arylvinylenebipyridyl Compounds as Fluorescent Indicators for Intracellular Zinc(II) Ions. <i>Journal of Organic Chemistry</i> , 2015, 80, 5600-5610.	3.2	17
100	Silver Migration Facilitates Isocyanide-Alkyne [3 + 2] Cycloaddition Reactions: Combined Experimental and Theoretical Study. <i>ACS Catalysis</i> , 2015, 5, 6640-6647.	11.2	66
101	Mechanism of Copper(I)-Catalyzed 5-Iodo-1,2,3-triazole Formation from Azide and Terminal Alkyne. <i>Journal of Organic Chemistry</i> , 2015, 80, 9542-9551.	3.2	41
102	Absorption and Emission Sensitivity of 2-(2-Hydroxyphenyl)benzoxazole to Solvents and Impurities. <i>Photochemistry and Photobiology</i> , 2015, 91, 586-598.	2.5	26
103	A Fluorescent Indicator for Imaging Lysosomal Zinc(II) with Förster Resonance Energy Transfer (FRET)-Enhanced Photostability and a Narrow Band of Emission. <i>Chemistry - A European Journal</i> , 2015, 21, 867-874.	3.3	48
104	Bis(alkyl-dipyridylmethyl)amine]zinc(II) perchlorates display cis-facial stereochemistry in solid state and solution. <i>Supramolecular Chemistry</i> , 2014, 26, 214-222.	1.2	14
105	A Phosphorescent Molecular "Butterfly" that undergoes a Photoinduced Structural Change allowing Temperature Sensing and White Emission. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10908-10912.	13.8	129
106	Distinguishing Förster resonance energy transfer and solvent-mediated charge-transfer relaxation dynamics in a zinc(ii) indicator: a femtosecond time-resolved transient absorption spectroscopic study. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 5088-5092.	2.8	7
107	Zn-coordination modulated ligand photophysical processes "the development of fluorescent indicators for imaging biological Zn ions. <i>RSC Advances</i> , 2014, 4, 20398-20440.	3.6	99
108	Fused Polycyclic Compounds via Cycloaddition of 4-(1-Cyclohexenyl)-5-iodo-1,2,3-triazoles with 4-Phenyl-1,2,4-triazoline-3,5-dione: The Importance of a Sacrificial Iodide Leaving Group. <i>Journal of Organic Chemistry</i> , 2013, 78, 5038-5044.	3.2	10

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109	Integrated and Passive 1,2,3-Triazolyl Groups in Fluorescent Indicators for Zinc(II) Ions: Thermodynamic and Kinetic Evaluations. <i>Inorganic Chemistry</i> , 2013, 52, 5838-5850.	4.0	67
110	Synthesis of 5-Iodo-1,2,3-triazoles from Organic Azides and Terminal Alkynes: Ligand Acceleration Effect, Substrate Scope, and Mechanistic Insights. <i>Synthesis</i> , 2013, 45, 2372-2386.	2.3	33
111	Tricolor Emission of a Fluorescent Heteroditopic Ligand over a Concentration Gradient of Zinc(II) Ions. <i>Journal of Organic Chemistry</i> , 2012, 77, 8268-8279.	3.2	51
112	Tunable Dual Fluorescence of 3-((2,2'-Bipyridyl)-5-Substituted Iminocoumarin. <i>ChemPhysChem</i> , 2012, 13, 3827-3835.	2.1	18
113	Structurally Diverse Copper(II) Complexes of Polyaza Ligands Containing 1,2,3-Triazoles: Site Selectivity and Magnetic Properties. <i>Inorganic Chemistry</i> , 2012, 51, 3465-3477.	4.0	78
114	Zn ^{II} and Pb ^{II} coordination chemistry of 2,6-bis(1,2,3-triazol-4-yl)pyridine (clickate) and the metal ion-dependent emission of "clickate"-appended anthracene. <i>Supramolecular Chemistry</i> , 2012, 24, 696-706.	1.2	14
115	Chemoselective Sequential "Click" Ligation Using Unsymmetrical Bisazides. <i>Organic Letters</i> , 2012, 14, 2590-2593.	4.6	61
116	Synthesis of 5-Iodo-1,4-disubstituted-1,2,3-triazoles Mediated by in Situ Generated Copper(I) Catalyst and Electrophilic Triiodide Ion. <i>Journal of Organic Chemistry</i> , 2012, 77, 6443-6455.	3.2	116
117	Experimental Investigation on the Mechanism of Chelation-Assisted, Copper(II) Acetate-Accelerated Azide-Alkyne Cycloaddition. <i>Journal of the American Chemical Society</i> , 2011, 133, 13984-14001.	13.7	160
118	Balance between Fluorescence Enhancement and Association Affinity in Fluorescent Heteroditopic Indicators for Imaging Zinc Ion in Living Cells. <i>Inorganic Chemistry</i> , 2011, 50, 10493-10504.	4.0	25
119	A FRET-based indicator for imaging mitochondrial zinc ions. <i>Chemical Communications</i> , 2011, 47, 11730.	4.1	77
120	Tridentate complexes of 2,6-bis(4-substituted-1,2,3-triazol-1-ylmethyl)pyridine and its organic azide precursors: an application of the copper(ii) acetate-accelerated azide-alkyne cycloaddition. <i>Dalton Transactions</i> , 2011, 40, 3655.	3.3	46
121	Ligand-Assisted, Copper(II) Acetate-Accelerated Azide-Alkyne Cycloaddition. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2825-2834.	3.3	46
122	Chelation-Assisted, Copper(II)-Acetate-Accelerated Azide-Alkyne Cycloaddition. <i>Journal of Organic Chemistry</i> , 2010, 75, 6540-6548.	3.2	146
123	2-Anthryltriazolyl-Containing Multidentate Ligands: Zinc-Coordination Mediated Photophysical Processes and Potential in Live-Cell Imaging Applications. <i>Inorganic Chemistry</i> , 2010, 49, 4278-4287.	4.0	66
124	Electronic structural dependence of the photophysical properties of fluorescent heteroditopic ligands - implications in designing molecular fluorescent indicators. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5431.	2.8	16
125	Metal-coordination-mediated sequential chelation-enhanced fluorescence (CHEF) and fluorescence resonance energy transfer (FRET) in a heteroditopic ligand system. <i>New Journal of Chemistry</i> , 2010, 34, 2176.	2.8	41
126	Mini review: Fluorescent heteroditopic ligands of metal ions. <i>Supramolecular Chemistry</i> , 2009, 21, 268-283.	1.2	26

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127	Structures, Metal Ion Affinities, and Fluorescence Properties of Soluble Derivatives of Tris((6-phenyl-2-pyridyl)methyl)amine. <i>Inorganic Chemistry</i> , 2009, 48, 11196-11208.	4.0	16
128	Catechol boronate formation and its electrochemical oxidation. <i>Chemical Communications</i> , 2009, , 2151.	4.1	29
129	Apparent Copper(II)-Accelerated Azide-Alkyne Cycloaddition. <i>Organic Letters</i> , 2009, 11, 4954-4957.	4.6	198
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