

# Lei Zhu

## List of Publications by Citations

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146  
papers

5,129  
citations

42  
h-index

65  
g-index

160  
ext. papers

5,879  
ext. citations

7.2  
avg, IF

6.01  
L-index

#	Paper	IF	Citations
146	A structural investigation of the N-B interaction in an o-(N,N-dialkylaminomethyl)arylboronate system. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 1222-32	16.4	278
145	Facile quantification of enantiomeric excess and concentration with indicator-displacement assays: an example in the analyses of alpha-hydroxyacids. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 3676-7	16.4	199
144	Highly sensitive fluorescent probes for zinc ion based on triazolyl-containing tetradentate coordination motifs. <i>Organic Letters</i> , <b>2007</b> , 9, 4999-5002	6.2	186
143	Apparent copper(II)-accelerated azide-alkyne cycloaddition. <i>Organic Letters</i> , <b>2009</b> , 11, 4954-7	6.2	182
142	Guidelines in implementing enantioselective indicator-displacement assays for alpha-hydroxycarboxylates and diols. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 4260-9	16.4	163
141	Experimental investigation on the mechanism of chelation-assisted, copper(II) acetate-accelerated azide-alkyne cycloaddition. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 13984-4001	16.4	143
140	Mechanistic view of Ru-catalyzed C-H bond activation and functionalization: computational advances. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 7552-7576	58.5	141
139	Chelation-assisted, copper(II)-acetate-accelerated azide-alkyne cycloaddition. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 6540-8	4.2	127
138	Signal amplification by allosteric catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 1190-6	16.4	127
137	A phosphorescent molecular "butterfly" that undergoes a photoinduced structural change allowing temperature sensing and white emission. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 10908-12	16.4	112
136	Asymmetric Propargylic Radical Cyanation Enabled by Dual Organophotoredox and Copper Catalysis. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 6167-6172	16.4	110
135	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> , <b>2012</b> , 77, 6443-55	4.2	101
134	Zn(II)-coordination modulated ligand photophysical processes - the development of fluorescent indicators for imaging biological Zn(II) ions. <i>RSC Advances</i> , <b>2014</b> , 4, 20398-20440	3.7	91
133	A heteroditopic fluoroionophoric platform for constructing fluorescent probes with large dynamic ranges for zinc ions. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 2894-903	4.8	80
132	Ruthenium(II)-Catalyzed C-H Difluoromethylation of Ketoximes: Tuning the Regioselectivity from the meta to the para Position. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 1277-1281	16.4	78
131	Geometry-dependent phosphodiester hydrolysis catalyzed by binuclear copper complexes. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 7912-20	5.1	77
130	Structurally diverse copper(II) complexes of polyaza ligands containing 1,2,3-triazoles: site selectivity and magnetic properties. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 3465-77	5.1	76

129	A FRET-based indicator for imaging mitochondrial zinc ions. <i>Chemical Communications</i> , <b>2011</b> , 47, 11730-25.8	25.8	74
128	Ruthenium(II)-enabled para-selective C-H difluoromethylation of anilides and their derivatives. <i>Nature Communications</i> , <b>2018</b> , 9, 1189	17.4	72
127	Highly Selective and Catalytic Generation of Acyclic Quaternary Carbon Stereocenters via Functionalization of 1,3-Dienes with CO. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 18825-18835	16.4	66
126	Precise Design of Phosphorescent Molecular Butterflies with Tunable Photoinduced Structural Change and Dual Emission. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 9591-5	16.4	64
125	Radical Trifluoromethylative Dearomatization of Indoles and Furans with CO <sub>2</sub> . <i>ACS Catalysis</i> , <b>2017</b> , 7, 8324-8330	13.1	63
124	2-Anthryltriazolyl-containing multidentate ligands: zinc-coordination mediated photophysical processes and potential in live-cell imaging applications. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 4278-87	5.1	63
123	Integrated and passive 1,2,3-triazolyl groups in fluorescent indicators for zinc(II) ions: thermodynamic and kinetic evaluations. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 5838-50	5.1	62
122	Silver Migration Facilitates Isocyanide-Alkyne [3 + 2] Cycloaddition Reactions: Combined Experimental and Theoretical Study. <i>ACS Catalysis</i> , <b>2015</b> , 5, 6640-6647	13.1	57
121	Fluorescent dyes of the esculetin and alizarin families respond to zinc ions ratiometrically. <i>Chemical Communications</i> , <b>2007</b> , 1891-3	5.8	57
120	Chemoselective sequential "click" ligation using unsymmetrical bisazides. <i>Organic Letters</i> , <b>2012</b> , 14, 2590-3	6.3	55
119	Ruthenium-catalyzed umpolung carboxylation of hydrazones with CO. <i>Chemical Science</i> , <b>2018</b> , 9, 4873-4878	4.8	52
118	Visible-Light Photoredox-Catalyzed Remote Difunctionalizing Carboxylation of Unactivated Alkenes with CO. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 21121-21128	16.4	52
117	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> , <b>2019</b> , 141, 961-971	16.4	51
116	On the Mechanism of Copper(I)-Catalyzed Azide-Alkyne Cycloaddition. <i>Chemical Record</i> , <b>2016</b> , 16, 1501-16	16.6	50
115	Fluorescence of 5-arylvinyl-5'-methyl-2,2'-bipyridyl ligands and their zinc complexes. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 8761-72	4.2	49
114	Catalytic enantioselective construction of vicinal quaternary carbon stereocenters. <i>Chemical Science</i> , <b>2020</b> , 11, 9341-9365	9.4	48
113	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> , <b>2017</b> , 139, 15724-15737	16.4	47
112	Unmasking the Ligand Effect in Manganese-Catalyzed Hydrogenation: Mechanistic Insight and Catalytic Application. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 17337-17349	16.4	45

111	Tricolor emission of a fluorescent heteroditopic ligand over a concentration gradient of zinc(II) ions. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 8268-79	4.2	45
110	Two methods for the determination of enantiomeric excess and concentration of a chiral sample with a single spectroscopic measurement. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 99-104	4.8	45
109	Nylon/DNA: Single-stranded DNA with a covalently stitched nylon lining. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 10178-9	16.4	45
108	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> , <b>2015</b> , 21, 867-74	4.8	44
107	FRET induced by an allosteric cycloaddition reaction regulated with exogenous inhibitor and effectors. <i>Tetrahedron</i> , <b>2004</b> , 60, 7267-7275	2.4	44
106	Ligand-assisted, copper(II) acetate-accelerated azide-alkyne cycloaddition. <i>Chemistry - an Asian Journal</i> , <b>2011</b> , 6, 2825-34	4.5	43
105	5-Arylvinyl-2,2'-bipyridyls: Bright "push-pull" dyes as components in fluorescent indicators for zinc ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2015</b> , 311, 1-15	4.7	42
104	Catalytic Lactonization of Unactivated Aryl C-H Bonds with CO: Experimental and Computational Investigation. <i>Organic Letters</i> , <b>2018</b> , 20, 3776-3779	6.2	42
103	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> , <b>2011</b> , 40, 3655-65	4.3	41
102	The mechanism of copper-catalyzed oxytrifluoromethylation of allylamines with CO <sub>2</sub> : a computational study. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 633-639	5.2	41
101	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> , <b>2010</b> , 34, 2176	3.6	39
100	Mechanism of Copper(I)-Catalyzed 5-Iodo-1,2,3-triazole Formation from Azide and Terminal Alkyne. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 9542-51	4.2	35
99	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> , <b>2016</b> , 81, 1654-60	4.2	35
98	Development of a Rhodium(II)-Catalyzed Chemoselective C(sp <sup>3</sup> )-H Oxygenation. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 14937-42	4.8	35
97	Photochemically stable fluorescent heteroditopic ligands for zinc ion. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 8321-30	4.2	35
96	Visible-Light-Driven Anti-Markovnikov Hydrocarboxylation of Acrylates and Styrenes with CO <sub>2</sub> . <i>CCS Chemistry</i> , <b>2021</b> , 3, 1746-1756	7.2	35
95	Rhodium-Catalyzed Hetero-(5 + 2) Cycloaddition of Vinylaziridines and Alkynes: A Theoretical View of the Mechanism and Chirality Transfer. <i>Organometallics</i> , <b>2016</b> , 35, 771-777	3.8	33
94	Signalamplifizierung über allosterische Katalyse. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 1208-1215	3.6	31

93	Ir(III)/Ir(V) or Ir(I)/Ir(III) Catalytic Cycle? Steric-Effect-Controlled Mechanism for the para-C <sub>H</sub> /C <sub>H</sub> Borylation of Arenes. <i>Organometallics</i> , <b>2017</b> , 36, 2107-2115	3.8	29
92	Stabilization of Two Radicals with One Metal: A Stepwise Coupling Model for Copper-Catalyzed Radical-Radical Cross-Coupling. <i>Scientific Reports</i> , <b>2017</b> , 7, 43579	4.9	29
91	Tuning the Reactivity of Radical through a Triplet Diradical Cu(II) Intermediate in Radical Oxidative Cross-Coupling. <i>Scientific Reports</i> , <b>2015</b> , 5, 15934	4.9	28
90	Cu(II)-Catalyzed Oxidative Formation of 5,5'-Bistriazoles. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 12091-12105	4.1	27
89	Experimental and Theoretical Studies on Ru(II)-Catalyzed Oxidative C <sub>H</sub> /C <sub>H</sub> Coupling of Phenols with Aromatic Amides Using Air as Oxidant: Scope, Synthetic Applications, and Mechanistic Insights. <i>ACS Catalysis</i> , <b>2018</b> , 8, 8324-8335	13.1	27
88	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> , <b>2013</b> , 45, 2372-2386	2.9	27
87	Catechol boronate formation and its electrochemical oxidation. <i>Chemical Communications</i> , <b>2009</b> , 2151-358	5.8	27
86	Annulation cascade of aryl nitriles with alkynes to stable delocalized PAH carbocations intramolecular rhodium migration. <i>Chemical Science</i> , <b>2018</b> , 9, 5488-5493	9.4	27
85	A Phosphorescent Molecular Butterfly that undergoes a Photoinduced Structural Change allowing Temperature Sensing and White Emission. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 11088-11092	3.6	26
84	Mini review: Fluorescent heteroditopic ligands of metal ions. <i>Supramolecular Chemistry</i> , <b>2009</b> , 21, 268-288	3.8	26
83	Ruthenium(II)-Catalyzed C <sub>H</sub> Difluoromethylation of Ketoximes: Tuning the Regioselectivity from the meta to the para Position. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 1291-1295	3.6	25
82	Highly enantioselective nitro-Mannich reaction of ketimines under phase-transfer catalysis. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 1266-1271	5.2	24
81	Balance between fluorescence enhancement and association affinity in fluorescent heteroditopic indicators for imaging zinc ion in living cells. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 10493-504	5.1	24
80	Theoretical Study of the Addition of Cu-Carbenes to Acetylenes to Form Chiral Allenes. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 5772-5780	16.4	22
79	Absorption and Emission Sensitivity of 2-(2'-Hydroxyphenyl)benzoxazole to Solvents and Impurities. <i>Photochemistry and Photobiology</i> , <b>2015</b> , 91, 586-98	3.6	22
78	A fluorescent heteroditopic ligand responding to free zinc ion over six orders of magnitude concentration range. <i>Chemical Communications</i> , <b>2009</b> , 7408-10	5.8	22
77	Nucleophilicity versus Brønsted Basicity Controlled Chemoselectivity: Mechanistic Insight into Silver- or Scandium-Catalyzed Diazo Functionalization. <i>ACS Catalysis</i> , <b>2020</b> , 10, 1256-1263	13.1	22
76	Excitation-Dependent Multiple Fluorescence of a Substituted 2-(2'-Hydroxyphenyl)benzoxazole. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 9209-9223	2.8	22

75	Oxidative Addition Promoted C-C Bond Cleavage in Rh-Mediated Cyclopropanone Activation: A DFT Study. <i>ACS Catalysis</i> , <b>2019</b> , 9, 10876-10886	13.1	21
74	Unimolecular binary half-adders with orthogonal chemical inputs. <i>Chemical Communications</i> , <b>2008</b> , 1880-38	3.8	21
73	Theoretical insight into phosphoric acid-catalyzed asymmetric conjugate addition of indolizines to $\beta,\beta$ -unsaturated ketones. <i>Chinese Chemical Letters</i> , <b>2018</b> , 29, 1237-1241	8.1	20
72	Mechanistic Insight into Palladium-Catalyzed Carbocyclization-Functionalization of Bisallene: A Computational Study. <i>ChemCatChem</i> , <b>2019</b> , 11, 1228-1237	5.2	19
71	Enantiodivergence by minimal modification of an acyclic chiral secondary aminocatalyst. <i>Nature Communications</i> , <b>2019</b> , 10, 5182	17.4	19
70	Precise Design of Phosphorescent Molecular Butterflies with Tunable Photoinduced Structural Change and Dual Emission. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 9727-9731	3.6	19
69	Fluorescence of Hydroxyphenyl-Substituted "Click" Triazoles. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 2956-2973	2.8	18
68	Structural Determinants of Alkyne Reactivity in Copper-Catalyzed Azide-Alkyne Cycloadditions. <i>Molecules</i> , <b>2016</b> , 21,	4.8	18
67	Bioinspired Total Synthesis of Homodimericin A. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 7890-7894	16.4	17
66	Revealing HOCl burst from endoplasmic reticulum in cisplatin-treated cells via a ratiometric fluorescent probe. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 1795-1798	8.1	17
65	Insights into disilylation and distannation: sequence influence and ligand/steric effects on Pd-catalyzed difunctionalization of carbenes. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1819-1826	4.3	17
64	Bioinspired Asymmetric Synthesis of Hispidanin A. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 5844-5848	16.4	16
63	Formal Asymmetric Cycloaddition of Activated $\beta,\beta$ -Unsaturated Ketones with $\beta,\beta$ -Diazomethylphosphonate Mediated by a Chiral Silver SPINOL Phosphate Catalyst. <i>Organic Letters</i> , <b>2019</b> , 21, 593-597	6.2	16
62	Enhancing the Photostability of Arylvinylenebipyridyl Compounds as Fluorescent Indicators for Intracellular Zinc(II) Ions. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 5600-10	4.2	16
61	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> , <b>2018</b> , 83, 5092-5103	4.2	16
60	Tunable dual fluorescence of 3-(2,2'-bipyridyl)-substituted iminocoumarin. <i>ChemPhysChem</i> , <b>2012</b> , 13, 3827-35	3.2	16
59	Reactivity and regioselectivity in Diels-Alder reactions of anion encapsulated fullerenes. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 30393-30401	3.6	15
58	Electronic structural dependence of the photophysical properties of fluorescent heteroditopic ligands - implications in designing molecular fluorescent indicators. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 5431-41	3.9	15



57	A novel benzothiazine-fused coumarin derivative for sensing hypochlorite with high performance. <i>Dyes and Pigments</i> , <b>2020</b> , 182, 108675	4.6	15
56	ZnII and PbII 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> , <b>2012</b> , 24, 696-706	1.8	14
55	Structures, metal ion affinities, and fluorescence properties of soluble derivatives of tris((6-phenyl-2-pyridyl)methyl)amine. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 11196-208	5.1	14
54	Thiolate-palladium(IV) or sulfonium-palladate(0)? A theoretical study on the mechanism of palladium-catalyzed C-B bond formation reactions. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 943-950	5.2	13
53	An unusual [4 + 2] fusion strategy to forge $\beta$ -heteroarene-fused (quinoidal) porphyrins with intense near-infrared Q-bands. <i>Chemical Science</i> , <b>2019</b> , 10, 7274-7280	9.4	13
52	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> , <b>2020</b> , 31, 1370-1381	6.3	13
51	Layered Chirality Relay Model in Rh(I)-Mediated Enantioselective C-Si Bond Activation: A Theoretical Study. <i>Organic Letters</i> , <b>2020</b> , 22, 2124-2128	6.2	13
50	Enantioselective alkynylation of N-sulfonyl $\beta$ -ketiminoesters via a Friedel-Crafts alkylation strategy. <i>Chemical Communications</i> , <b>2017</b> , 53, 5890-5893	5.8	12
49	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> , <b>2016</b> , 2016, 3728-3743	2.3	12
48	Bis[N-alkyl-NN-di(2-pyridylmethyl)amine]zinc(II) perchlorates display cis-facial stereochemistry in solid state and solution. <i>Supramolecular Chemistry</i> , <b>2014</b> , 26, 214-222	1.8	12
47	Visible-Light Photoredox-Catalyzed Remote Difunctionalizing Carboxylation of Unactivated Alkenes with CO <sub>2</sub> . <i>Angewandte Chemie</i> , <b>2020</b> , 132, 21307-21314	3.6	12
46	Site-Selective $\beta$ -Alkoxy Alkylation of Alkyl Esters Mediated by Boryl Radicals. <i>Organic Letters</i> , <b>2019</b> , 21, 2927-2931	6.2	11
45	From Mechanistic Study to Chiral Catalyst Optimization: Theoretical Insight into Binaphthophosphine-catalyzed Asymmetric Intramolecular [3 + 2] Cycloaddition. <i>Scientific Reports</i> , <b>2017</b> , 7, 7619	4.9	10
44	Nickel-catalyzed migratory alkyl-alkyl cross-coupling reaction. <i>Chemical Science</i> , <b>2020</b> , 11, 10461-10464	9.4	9
43	A ratiometric fluorescent probe for monitoring pH fluctuations during autophagy in living cells. <i>Chemical Communications</i> , <b>2021</b> , 57, 1510-1513	5.8	9
42	Mechanistic Insights into Manganese (I)-Catalyzed Chemoselective Hydroarylations of Alkynes: A Theoretical Study. <i>ChemCatChem</i> , <b>2018</b> , 10, 5280-5286	5.2	9
41	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> , <b>2019</b> , 30, 889-894	8.1	8
40	Theoretical study of FMO adjusted C-H cleavage and oxidative addition in nickel catalysed C-H arylation. <i>Communications Chemistry</i> , <b>2019</b> , 2,	6.3	8

39	Protecting-Group-Free Total Syntheses of (±)-Norascyrones A and B. <i>Organic Letters</i> , <b>2020</b> , 22, 2517-2521	8
38	Palladium-Catalyzed Modular and Enantioselective $\alpha$ -Difunctionalization of 1,3-Enynes with Imines and Boronic Reagents. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 17989-17994	16.4 8
37	$\alpha$ -Bond Migration Assisted Decarboxylative Activation of Vinylene Carbonate in Rh-Catalyzed 4 + 2 Annulation: A Theoretical Study. <i>Organometallics</i> , <b>2020</b> , 39, 2813-2819	3.8 8
36	Beyond O-Benzylguanine: O-(5-Pyridylmethyl)guanine as a Substrate for the Self-Labeling Enzyme SNAP-Tag. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 4104-4109	6.3 8
35	Kinetically Controlled Radical Addition/Elimination Cascade: From Alkynyl Aziridine to Fluorinated Allenes. <i>Organic Letters</i> , <b>2020</b> , 22, 2419-2424	6.2 7
34	Recyclable Heterogeneous Chitosan Supported Copper Catalyst for Silyl Conjugate Addition to $\alpha,\beta$ -Unsaturated Acceptors in Water. <i>Polymers</i> , <b>2018</b> , 10,	4.5 7
33	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> , <b>2014</b> , 16, 5088-92	3.6 7
32	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> , <b>2013</b> , 78, 5038-44	4.2 7
31	Reaction of N <sup>3</sup> -benzoyl-3',5'-O-(di-tert-butylsilanediyl)uridine with hindered electrophiles: intermolecular N <sup>3</sup> to 2'-O protecting group transfer. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>2002</b> , 21, 723-35	1.4 7
30	Theoretical Advances on the Mechanism of Transition Metal-Catalyzed C $\beta$ Functionalization. <i>Chinese Journal of Organic Chemistry</i> , <b>2019</b> , 39, 38	3 6
29	Efficient Synthesis of Dimeric Oxazoles, Piperidines and Tetrahydroisoquinolines from N-Substituted 2-Oxazolones. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 7696-701	4.8 6
28	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> , <b>2017</b> , 15, 9139-9148	3.9 5
27	Borylation of $\alpha,\beta$ -Unsaturated Acceptors by Chitosan Composite Film Supported Copper Nanoparticles. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4 5
26	Acyl radical to rhodacycle addition and cyclization relay to access butterfly flavylum fluorophores. <i>Nature Communications</i> , <b>2019</b> , 10, 5664	17.4 5
25	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> , <b>2021</b> , 12, 11399-11405	9.4 5
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23	Retro-metal-ene versus retro-Aldol: mechanistic insight into Rh-catalysed formal [3+2] cycloaddition. <i>Chemical Communications</i> , <b>2018</b> , 54, 13551-13554	5.8 4
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