

Dong-Liang Mo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Gold(I)-Catalyzed Selective Cyclization and 1,2-Shift to Prepare Pseudorutaecarpine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 787-793.	4.3	15
2	Synthesis of Chiral Nine-Membered N-Heterocycles through Silver(I)-Promoted Cycloaddition and Rearrangement from <i>N</i> -Vinyl- β,γ -Unsaturated Nitrones with Chiral β -Propioloyloxazolidinones. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 500-505.	4.3	9
3	Palladacycle-Catalyzed Regioselective Heck Reaction Using Diaryliodonium Triflates and Aryl Iodides. <i>Organic Letters</i> , 2022, 24, 663-667.	4.6	4
4	MnSO ₄ -promoted S=O bond cleavage for synthesizing functionalized sulfonium ylides from activated alkynes and sulfoxides. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1656-1661.	2.8	4
5	Synthesis of spiroindolenine-3,3'-pyrrolo[2,1- <i>b</i>]quinazolinones through gold-catalyzed dearomative cyclization of <i>N</i> -alkynyl quinazolinone-tethered indoles. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2069-2074.	2.8	8
6	Synthesis of Spirooxindole-Benzo[d]oxazoles and Dihydrobenzofurans through Cycloaddition and Rearrangement of <i>N</i> -Vinyl Nitrones and Arynes. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1409-1414.	4.3	12
7	DBU-Promoted β -Azaelectrocyclization and Hydrogen Migration to Prepare α -Alkyl Pyridine <i>N</i> -Oxides from <i>N</i> -Vinyl- β,γ -Unsaturated Nitrones. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1671-1676.	4.3	7
8	Recent advances in the synthesis of 2,3-fused quinazolinones. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 6293-6313.	2.8	13
9	Cinchonidine-Catalyzed Synthesis of Oxazabicyclo[4.2.1]nonanones from <i>N</i> -Aryl- β,γ -unsaturated Nitrones and 1-Ethynyl naphthalen-2-ols. <i>Organic Letters</i> , 2022, 24, 4104-4108.	4.6	4
10	Copper-catalyzed [4 + 2] cycloaddition of aza- <i>ortho</i> -quinone methides with bicyclic alkenes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3379-3383.	2.8	9
11	Visible Light Promoted Chan-Lam Reaction and Cycloaddition to Prepare Chromeno[4,3- <i>c</i>]isoxazolidines in One-Pot Reaction. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4575-4581.	4.3	11
12	3-Arylamino-quinoxaline-2-carboxamides inhibit the PI3K/Akt/mTOR signaling pathways to activate P53 and induce apoptosis. <i>Bioorganic Chemistry</i> , 2021, 114, 105101.	4.1	4
13	Nickel(II)-Catalyzed [3 + 2] Cycloaddition of Nitrones and Allenates to Access <i>N</i> -Vinylindoles and <i>N</i> -Vinylpyrroles. <i>Organic Letters</i> , 2021, 23, 7482-7486.	4.6	7
14	An iron-catalyzed dehydrogenative cross-coupling reaction of indoles with benzylamines to prepare 3-aminoindole derivatives. <i>Green Chemistry</i> , 2021, 23, 9610-9616.	9.0	5
15	Advances on the Synthesis and Application of β,γ -Unsaturated Nitrones. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 4535.	1.3	12
16	Yb(OTf) ₃ -Catalyzed Cycloaddition/[3,3]-Rearrangement of <i>N</i> -Vinyl- β,γ -Unsaturated Ketonitrones with Methylene cyclopropanes: Stereoselective Synthesis of Nine-Membered Nitrogen Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 478-486.	4.3	16
17	Synthesis of Spirofluorenyl-1,2,4-oxadiazinan-5-ones through Metal-Free [3+3] Cycloaddition of <i>N</i> -Vinyl Fluorenone Nitrones with Aza-oxallyl Cations. <i>Synthesis</i> , 2020, 52, 424-432.	2.3	5
18	2-Styryl-4-aminoquinazoline derivatives as potent DNA-cleavage, p53-activation and <i>in vivo</i> effective anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2020, 186, 111851.	5.5	30

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19	Metal-free graphene oxide-catalyzed aza-semipinacol rearrangement to prepare 2-(indol-2-yl)phenols and benzofuro[3,2- <i>b</i>]indolines containing quaternary carbon centers. <i>Green Chemistry</i> , 2020, 22, 404-410.	9.0	17
20	Nickel(II)-Catalyzed Oxygen Transfer Reaction of <i>N</i> -Vinyl Nitrones to Prepare 2-(Pyridin-2-yl)ethanols. <i>Organic Letters</i> , 2020, 22, 8446-8450.	4.6	7
21	Synthesis of β -aminoxy amides through [3 + 3] cycloaddition and Sc(OTf) ₃ -catalyzed double C=N bond cleavage in a one-pot reaction. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8209-8218.	2.8	6
22	Copper-catalyzed tri- or tetrafunctionalization of alkenylboronic acids to prepare tetrahydrocarbazol-1-ones and indolo[2,3- <i>a</i>]carbazoles. <i>Green Chemistry</i> , 2020, 22, 5815-5821.	9.0	16
23	An Yb(OTf) ₃ and visible light relay catalyzed [3 + 2] cycloaddition/[3,3]-rearrangement/[4 + 2] cycloaddition in one pot to prepare oxazonine-fused endoperoxides. <i>Green Chemistry</i> , 2020, 22, 3827-3834.	9.0	28
24	Catalyst-controlled formal [4 + 1] annulation of <i>N</i> -vinyl fluorenone nitrones and allenates to prepare spirofluorenylpyrrolines. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1520-1526.	4.5	22
25	Silver-catalyzed selective hydroalkoxylation of C2-alkynyl quinazolinones to synthesize quinazolinone-fused eight-membered N,O-heterocycles. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2055-2062.	4.5	20
26	3-(Benzo[<i>d</i>]thiazol-2-yl)-4-aminoquinoline derivatives as novel scaffold topoisomerase I inhibitor <i>via</i> DNA intercalation: design, synthesis, and antitumor activities. <i>New Journal of Chemistry</i> , 2020, 44, 11203-11214.	2.8	10
27	Synthesis of Furo[3,2- <i>b</i>]quinolines and Furo[2,3- <i>b</i> :4,5- β^2]diquinolines through [4 + 2] Cycloaddition of Aza-Quinone Methides and Furans. <i>Journal of Organic Chemistry</i> , 2020, 85, 3059-3070.	3.2	20
28	Mitochondrial-Targeted and Near-Infrared Fluorescence Probe for Bioimaging and Evaluating Monoamine Oxidase A Activity in Hepatic Fibrosis. <i>ACS Sensors</i> , 2020, 5, 943-951.	7.8	46
29	Nickel(II)-Catalyzed [5 + 1] Annulation of 2-Carbonyl-1-propargylindoles with Hydroxylamine To Synthesize Pyrazino[1,2- <i>a</i>]indole-2-oxides in Water. <i>Journal of Organic Chemistry</i> , 2019, 84, 9859-9868.	3.2	15
30	Synthesis of Spirofluorenyl β -lactams through Cycloaddition and Ring Contraction from <i>N</i> -Aryl Fluorenone Nitrones and Methylenecyclopropanes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3965-3973.	4.3	13
31	Preparation of 2-(3-Methyleneindolin-2-yl)phenols via Sodium Hydride Promoted C=C/O Bond Cleavage. <i>Synthesis</i> , 2019, 51, 3477-3484.	2.3	3
32	Synthesis of chromeno[4,3- <i>b</i>]quinolines and spirobenzofuran-3,3 β^2 -quinolines through silver-mediated Appel reaction/C=Br bond cleavage/double selective rearrangement sequence. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2334-2338.	4.5	7
33	Cryptolepine and aromathecin based mimics as potent G-quadruplex-binding, DNA-cleavage and anticancer agents: Design, synthesis and DNA targeting-induced apoptosis. <i>European Journal of Medicinal Chemistry</i> , 2019, 169, 144-158.	5.5	22
34	A copper-catalyzed diastereoselective O-transfer reaction of <i>N</i> -vinyl- β,β -unsaturated nitrones with ketenes into β -lactones through [5 + 2] cycloaddition and N=O bond cleavage. <i>Green Chemistry</i> , 2019, 21, 6567-6573.	9.0	25
35	Copper-catalyzed [3+2] Cycloaddition and Interrupted Fischer Indolization to Prepare Polycyclic Furo[2,3- β]indolines from <i>N</i> -Aryl Isatin Nitrones and Methylenecyclopropanes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 965-970.	4.3	20
36	Identification of 3-(benzazol-2-yl)quinoxaline derivatives as potent anticancer compounds: Privileged structure-based design, synthesis, and bioactive evaluation <i>in vitro</i> and <i>in vivo</i> . <i>European Journal of Medicinal Chemistry</i> , 2019, 165, 293-308.	5.5	33

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37	Iron(III)/Copper(II)-Cocatalyzed Cycloaddition/[3,3]-Rearrangement/N=O Bond Cleavage To Prepare Polysubstituted Pyrrolizines from <i>N</i> -Vinyl- β , β -Unsaturated Nitrones and Activated Alkynes. <i>Organic Letters</i> , 2019, 21, 481-485.	4.6	34
38	Recent Advances in Copper-Catalyzed N-O Cleavage Strategy. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 2989.	1.3	15
39	Iodine(III) Reagent-Mediated Intramolecular Amination of β -Alkenylanilines to Prepare Indoles. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1919-1925.	4.3	30
40	A Tunable Route to Prepare β , β -Unsaturated Esters and β , β -Unsaturated β -Keto Esters through Copper-Catalyzed Coupling of Alkenyl Boronic Acids with Phosphorus Ylides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1510-1516.	4.3	11
41	Gold-Catalyzed Selective 6- <i>exo-dig</i> and 7- <i>endo-dig</i> Cyclizations of Alkyn-Tethered Indoles To Prepare Rutaecarpine Derivatives. <i>Journal of Organic Chemistry</i> , 2018, 83, 2006-2017.	3.2	29
42	Cover Feature: Copper-Catalyzed Carbonyl Group Controlled Coupling of Isatin Oximes with Arylboronic Acids To Prepare <i>N</i> -Aryloxindole Nitrones (Eur. J. Org. Chem. 2/2018). <i>European Journal of Organic Chemistry</i> , 2018, 2018, 138-138.	2.4	0
43	Substituent Effects of 2-Pyridones on Selective O-Arylation with Diaryliodonium Salts: Synthesis of 2-Aryloxypyridines under Transition-Metal-Free Conditions. <i>Synthesis</i> , 2018, 50, 1699-1710.	2.3	22
44	Copper-Catalyzed Carbonyl Group Controlled Coupling of Isatin Oximes with Arylboronic Acids To Prepare <i>N</i> -Aryloxindole Nitrones. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 150-159.	2.4	18
45	Isobutyl Nitrite-Mediated Synthesis of Quinoxalines through Double C-H Bond Amination of <i>N</i> -Aryl Enamines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4446-4451.	4.3	14
46	Gold(III)-Catalyzed Selective Cyclization of Alkynyl Quinazolinone-Tethered Pyrroles: Synthesis of Fused Quinazolinone Scaffolds. <i>Journal of Organic Chemistry</i> , 2018, 83, 6719-6727.	3.2	29
47	Synthesis of 2-Aminobenzonitriles through Nitrosation Reaction and Sequential Iron(III)-Catalyzed C-C Bond Cleavage of 2-Arylindoles. <i>Organic Letters</i> , 2018, 20, 3527-3530.	4.6	30
48	Copper-Mediated Difunctionalization of Alkenylboronic Acids: Synthesis of α -Amino Ketones. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3254-3259.	4.3	10
49	Formal [7 + 2] Cycloaddition of Arynes with <i>N</i> -Vinyl- β , β -Unsaturated Nitrones: Synthesis of Benzoxazonines and Their N=O Bond Cleavage. <i>Organic Letters</i> , 2018, 20, 4571-4574.	4.6	31
50	Iron-catalyzed selective N=O bond cleavage to prepare tetrasubstituted pyridines and 3,5-disubstituted isoxazolines from <i>N</i> -vinyl- β , β -unsaturated ketonitrones. <i>Green Chemistry</i> , 2018, 20, 2722-2729.	9.0	24
51	Synthesis of β -oxygenated ketones and substituted catechols via the rearrangement of <i>N</i> -enoxy- and <i>N</i> -aryloxyphthalimides. <i>Tetrahedron</i> , 2017, 73, 4125-4137.	1.9	6
52	Single-Step Modular Synthesis of Unsaturated Morpholine <i>N</i> -Oxides and Their Cycloaddition Reactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3059-3063.	13.8	43
53	Synthesis of <i>N</i> -Aryl Oxindole Nitrones through a Metal-Free Selective <i>N</i> -Arylation Process. <i>Journal of Organic Chemistry</i> , 2017, 82, 3232-3238.	3.2	31
54	Synthesis and antitumor evaluation of 2,3-diarylbenzofuran derivatives on HeLa cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1660-1664.	2.2	15

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55	Single-Step Modular Synthesis of Unsaturated Morpholine N-Oxides and Their Cycloaddition Reactions. <i>Angewandte Chemie</i> , 2017, 129, 3105-3109.	2.0	8
56	Copper-Catalyzed Selective N-Vinylation of 3-(Hydroxyimino)indolin-2-ones with Alkenyl Boronic Acids: Synthesis of N-Vinyl Nitrones and Spirooxindoles. <i>Journal of Organic Chemistry</i> , 2017, 82, 6417-6425.	3.2	45
57	Tandem C-N Bond Formation through Condensation and Metal-Free N-Arylation: Protocol for Synthesizing Diverse Functionalized Quinoxalines. <i>Journal of Organic Chemistry</i> , 2017, 82, 4407-4414.	3.2	18
58	Recent Advances in the Arylation and Alkenylation of N-O Bonds. <i>Synthesis</i> , 2017, 49, 933-959.	2.3	7
59	Cycloaddition of Fluorenone N-Aryl Nitrones with Methylene-cyclopropanes and Sequential 1,3-Rearrangement: An Entry to Synthesis of Spirofluorenylpiperidin-4-ones. <i>Journal of Organic Chemistry</i> , 2017, 82, 502-511.	3.2	25
60	Construction of 2,3-quaternary fused indolines from alkynyl tethered oximes and diaryliodonium salts through a cascade strategy of N-arylation/cycloaddition/[3,3]-rearrangement. <i>Green Chemistry</i> , 2017, 19, 5761-5766.	9.0	35
61	Diastereoselective Synthesis of Nine-membered Heterocycles via the Cycloaddition and Sequential Rearrangement of N-Vinyl Nitrones with Isocyanates. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3545-3550.	4.3	22
62	Base-Free Selective N-Arylation and Sequential [3,3]-Rearrangement of Amidoximes with Diaryliodonium Salts: Synthesis of 2-Substituted Benzoxazoles. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 4129-4135.	4.3	15
63	Phthalazino[1,2-b]quinazolinones as p53 Activators: Cell Cycle Arrest, Apoptotic Response and Bcl-xl Complex Reorganization in Bladder Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6853-6866.	6.4	42
64	Synthesis of N-Vinyl/Arylbenzotriazole Oxides through a Copper-Mediated C-N Bond Coupling Reaction. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2741-2746.	4.3	15
65	Recent Advances in Chan-Evans-Lam Coupling Reaction. <i>Chinese Journal of Organic Chemistry</i> , 2017, 37, 1069.	1.3	27
66	Transition-metal-free synthesis of thiocyanato- or nitro-arenes through diaryliodonium salts. <i>Synthetic Communications</i> , 2016, 46, 963-970.	2.1	11
67	Synthesis of N-(2-Hydroxyaryl)benzotriazoles via Metal-Free N-Arylation and N-O Bond Cleavage. <i>Journal of Organic Chemistry</i> , 2016, 81, 8014-8021.	3.2	21
68	Catalytic Asymmetric Synthesis of Dihydropyrido[1,2-a]indoles from Nitrones and Allenates. <i>Angewandte Chemie</i> , 2016, 128, 9329-9332.	2.0	23
69	Synthesis of β -acetoxy alcohols by $\text{PhI}(\text{OAc})_2$ -mediated metal-free diastereoselective β -acetoxylation of alcohols. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6795-6803.	2.8	9
70	Catalytic Asymmetric Synthesis of Dihydropyrido[1,2-a]indoles from Nitrones and Allenates. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9183-9186.	13.8	34
71	New developments of ketonitrones in organic synthesis. <i>Organic Chemistry Frontiers</i> , 2016, 3, 116-130.	4.5	61
72	Copper-mediated synthesis of N-alkenyl- β -unsaturated nitrones and their conversion to tri- and tetrasubstituted pyridines. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 2097-2104.	2.2	30

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73	(Diacetoxyiodo)benzene-Mediated Reaction of Ethynylcarbinols: Entry to \hat{I}, \hat{I}^2 -Diacetoxy Ketones and Glycerol Derivatives. <i>Journal of Organic Chemistry</i> , 2015, 80, 6496-6501.	3.2	21
74	Synthesis of \hat{I}, \hat{I}^2 -Unsaturated <i>N</i> -Aryl Ketonitrone from Oximes and Diaryliodonium Salts: Observation of a Metal-Free <i>N</i> -Arylation Process. <i>Journal of Organic Chemistry</i> , 2015, 80, 10098-10107.	3.2	56
75	Tandem C=O and C=N Bonds Formation Through O-Arylation and [3,3]-Rearrangement by Diaryliodonium Salts: Synthesis of <i>N</i> -Aryl Benzo[1,2,3]triazin-4(1H)-one Derivatives. <i>Journal of Organic Chemistry</i> , 2015, 80, 11175-11183.	3.2	27
76	A facile synthesis of 2,5-disubstituted oxazoles via a copper-catalyzed cascade reaction of alkenes with azides. <i>Chemical Communications</i> , 2015, 51, 17772-17774.	4.1	32
77	The Applications of Palladacycles as Transition-Metal Catalysts in Organic Synthesis. <i>Synlett</i> , 2014, 25, 2686-2702.	1.8	25
78	Solvent-Controlled Bifurcated Cascade Process for the Selective Preparation of Dihydrocarbazoles or Dihydropyridoindoles. <i>Chemistry - A European Journal</i> , 2014, 20, 13217-13225.	3.3	52
79	Synthesis of <i>N</i> -Styrenyl Amidines from \hat{I}, \hat{I}^2 -Unsaturated Nitrones and Isocyanates through CO ₂ Elimination and Styrenyl Migration. <i>Organic Letters</i> , 2014, 16, 3696-3699.	4.6	32
80	Switch of Addition and Ring-Opening Reactions of Oxabicyclic Alkenes with Terminal Alkynes by <i>sp</i> ² -C,P- and <i>sp</i> ³ -C,P-Palladacycle Catalysis. <i>Organometallics</i> , 2013, 32, 4465-4468.	2.3	33
81	Copper-Catalyzed Rearrangement of <i>N</i> -Aryl Nitrones into Epoxyketimines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6722-6725.	13.8	54
82	Palladacycle-Catalyzed Methylenecyclopropanation of Bicyclic Alkenes with Propiolates. <i>Journal of Organic Chemistry</i> , 2013, 78, 11470-11476.	3.2	22
83	Palladacycle-Catalyzed Reaction of Bicyclic Alkenes with Terminal Ynones: Regiospecific Synthesis of Polysubstituted Furans. <i>Organic Letters</i> , 2012, 14, 5756-5759.	4.6	47
84	Preparation and Rearrangement of <i>N</i> -Vinyl Nitrones: Synthesis of Spiroisoxazolines and Fluorene-Tethered Isoxazoles. <i>Organic Letters</i> , 2012, 14, 5180-5183.	4.6	66
85	Preparation of \hat{I} -Oxygenated Ketones by the Dioxygenation of Alkenyl Boronic Acids. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7799-7803.	13.8	42
86	Metal-Free Synthesis of Polysubstituted Pyrroles by (Diacetoxyiodo)Benzene-Mediated Cascade Reaction of \hat{I} -Alkynyl Amines. <i>Chemistry - an Asian Journal</i> , 2011, 6, 3200-3204.	3.3	21
87	Chiral P-Containing Palladacycle-Catalyzed Asymmetric Ring-Opening Reactions of Oxabicyclic Alkenes with Alkenyl Boronic Acids. <i>Synlett</i> , 2011, 2011, 943-946.	1.8	6
88	The reaction of terminal alkynes with PhI(OAc) ₂ : a convenient procedure for the preparation of \hat{I} -acyloxy ketones. <i>Tetrahedron Letters</i> , 2009, 50, 5578-5581.	1.4	47
89	Asymmetric Ring-Opening Reaction of Oxabicyclic Alkenes with Aryl Boronic Acids Catalyzed by P-Containing Palladacycles. <i>Organic Letters</i> , 2008, 10, 3689-3692.	4.6	82
90	Palladacycle-Catalyzed Highly Efficient Kinetic Resolution of 1-Hydroxy-2-aryl-1,2-dihydronaphthalenes via Dehydration Reaction. <i>Organic Letters</i> , 2008, 10, 5337-5340.	4.6	39

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91	Chan, Lam Reaction and Lewis Acid Promoted 1,3-Rearrangement of N=O Bonds to Prepare N-(2-Hydroxyaryl)pyridin-2-ones. <i>Organic Letters</i> , 0, , .	4.6	6