

Beyond sulfide-centric catalysis: recent advances in the sulfur ylides

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Synthesis of Polysubstituted Pyrroles through a Formal [4 + 1] Cycloaddition/E1cb Elimination/Aromatization Sequence of Sulfur Ylides and β,β' -Unsaturated Imines. <i>Journal of Organic Chemistry</i> , 2017, 82, 12134-12140.	1.7	36
2	Sequential Visible-Light Photoactivation and Palladium Catalysis Enabling Enantioselective [4+2] Cycloadditions. <i>Journal of the American Chemical Society</i> , 2017, 139, 14707-14713.	6.6	213
3	Rhodium-Catalyzed Relay Carbenoid Functionalization of Aromatic C-H Bonds toward Fused Heteroarenes. <i>Organic Letters</i> , 2018, 20, 1396-1399.	2.4	133
4	Copper-catalyzed decarboxylative cyclization via tandem C-P and C-N bond formation: access to 2-phosphorylmethyl indoles. <i>Chemical Communications</i> , 2018, 54, 3154-3157.	2.2	39
5	Highly Diastereoselective Synthesis of Trifluoromethyl Indolines by Interceptive Benzylic Decarboxylative Cycloaddition of Nonvinyl, Trifluoromethyl Benzoxazinones with Sulfur Ylides under Palladium Catalysis. <i>Organic Letters</i> , 2018, 20, 1526-1529.	2.4	46
6	Metal-Free Multicomponent Reaction for Synthesis of 4,5-Disubstituted 1,2,3-NH-Triazoles. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1949-1953.	2.1	20
7	Transition-metal-catalyzed cyclization reactions using vinyl and ethynyl benzoxazinones as dipole precursors. <i>Tetrahedron Letters</i> , 2018, 59, 1521-1530.	0.7	116
8	Synthesis of 5-(Trifluoromethyl)pyrazolines by Formal [4 + 1]-Annulation of Fluorinated Sulfur Ylides and Azoalkenes. <i>Organic Letters</i> , 2018, 20, 934-937.	2.4	46
9	Application of Sulfur Ylides in 1,2-Difunctionalization of Arynes via Insertion into a S-C-F-Bond. <i>Organic Letters</i> , 2018, 20, 848-851.	2.4	24
10	Catalyst-free synthesis of 2,3-dihydrobenzofurans through [4+1] cycloaddition of ortho-hydroxyphenylsubstituted para-quinone methides and sulfur ylides. <i>Tetrahedron</i> , 2018, 74, 600-605.	1.0	33
11	Rh(III)-catalyzed [4+1]-annulation of azobenzenes with β -carbonyl sulfoxonium ylides toward 3-acyl-(2H)-indazoles. <i>Tetrahedron Letters</i> , 2018, 59, 2284-2287.	0.7	36
12	One-Pot Synthesis of Cyclopropanes from Methylene Azabicyclo[3.1.0]hexanes Obtained by Formal Sequential [1+2]- and [2+3]-Cycloaddition Reaction of Propargynylsulfonium Salts and Tosylaminomethyl Enones. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 438-443.	2.1	23
13	Construction of Azepino[2,3-b]indole Core via Sulfur Ylide Mediated Annulations. <i>Organic Letters</i> , 2018, 20, 7628-7632.	2.4	49
14	Catalytic Asymmetric Ring-Opening/Cyclopropanation of Cyclic Sulfur Ylides: Construction of Sulfur-Containing Spirocyclopropyloxindoles with Three Vicinal Stereocenters. <i>Organic Letters</i> , 2018, 20, 7794-7797.	2.4	25
15	Direct Sulfide-Catalyzed Diastereoselective [4+1] Annulations of ortho-Quinone Methides and Bromides. <i>Journal of Organic Chemistry</i> , 2018, 83, 12753-12762.	1.7	22
16	Coupling of Sulfoxonium Ylides with Arynes: A Direct Synthesis of Pro-Chiral Aryl Ketosulfoxonium Ylides and Its Application in the Preparation of β -Aryl Ketones. <i>Organic Letters</i> , 2018, 20, 7206-7211.	2.4	59
17	Divergent Domino Reactions of Sulfur Ylides: Access to Functionalized Six- and Seven-Membered Nitrogen Heterocycles. <i>Organic Letters</i> , 2018, 20, 6715-6718.	2.4	64
18	Copper-Catalyzed Syntheses of 3-Allyl-3-arylthioindolin-2-imines and 3-Allenyl-3-arylthioindolin-2-imines from 3-Diazoindolin-2-imines. <i>Journal of Organic Chemistry</i> , 2018, 83, 13956-13964.	1.7	14

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19	Dual photoredox and nickel-catalyzed desymmetric C–O coupling reactions: visible light-mediated enantioselective synthesis of 1,4-benzodioxanes. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3098-3102.	2.3	39
20	Cp*Co(III)-Catalyzed C–H Acylmethylation of Arenes by Employing Sulfoxonium Ylides as Carbene Precursors. <i>Organic Letters</i> , 2018, 20, 5981-5984.	2.4	87
21	Synthesis of 3,3-Biindoles through a Copper-Catalyzed Friedel–Crafts Propargylation/Hydroamination/Aromatization Sequence. <i>Organic Letters</i> , 2018, 20, 3237-3240.	2.4	45
22	Catalyst-dependent selectivity in sulfonium ylide cycloisomerization reactions. <i>Chemical Science</i> , 2018, 9, 7091-7095.	3.7	19
23	Substrate-Controlled Synthesis of Spirocyclopropylpyrazolones and Bicyclic 4,5-Dihydropyrazoles from 1,2-Diaza-1,3-dienes with Sulfur Ylides. <i>Organic Letters</i> , 2018, 20, 3992-3995.	2.4	30
24	Selective Synthesis of Benzo[<i>a</i>]Carbazoles and Indolo[2,1- <i>b</i>]isoquinolines via Rh(III)-Catalyzed C–H Functionalizations of 2-Arylindoles with Sulfoxonium Ylides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3781-3787.	2.1	121
25	Synthesis of Vinylcyclopropane-Fused Pyrazolone Derivatives by Sulfur Ylide-Initiated 1,6-Michael Addition–Cyclization Reactions. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4723-4730.	1.2	6
26	Copper-Catalyzed Formal [4+2] Cycloaddition of Enoldiazoimides with Sulfur Ylides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10343-10346.	7.2	22
27	Direct Sulfide-Catalyzed Enantioselective Cyclopropanations of Electron-Deficient Dienes and Bromides. <i>Organic Letters</i> , 2018, 20, 3700-3704.	2.4	38
28	Copper-Catalyzed Formal [4+2] Cycloaddition of Enoldiazoimides with Sulfur Ylides. <i>Angewandte Chemie</i> , 2018, 130, 10500-10503.	1.6	4
29	Ruthenium(II)-catalyzed chemoselective deacylative annulation of 1,3-diones with sulfoxonium ylides C–C bond activation. <i>Chemical Science</i> , 2019, 10, 9104-9108.	3.7	46
30	Rhodium-Catalyzed Reaction of Sulfoxonium Ylides and Anthranils toward Indoloindolones via a (4 + 1) Annulation. <i>Journal of Organic Chemistry</i> , 2019, 84, 10724-10739.	2.4	78
31	Synthesis of Functionalized Thietanes via Electrophilic Carbenoid-Induced Ring Expansion of Thiiranes with Sulfonium Acylmethylides as Carbene Precursors. <i>Journal of Organic Chemistry</i> , 2019, 84, 10724-10739.	1.7	19
32	Inverse-Electron-Demand Palladium-Catalyzed Asymmetric [4+2] Cycloadditions Enabled by Chiral P,S-Ligand and Hydrogen Bonding. <i>Angewandte Chemie</i> , 2019, 131, 11129-11133.	1.6	15
33	Regiospecific synthesis of polysubstituted furans with mono- to tricarboxylates from various sulfonium acylmethylides and acetylenic esters. <i>RSC Advances</i> , 2019, 9, 25034-25038.	1.7	14
34	A Formal [3+2] Annulation of Oxoamides and Alkyl- or Aryl-Substituted Propargyl Sulfonium Salts: Substrate-Controlled Chemoselective Synthesis of Substituted Lactams and Furans. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4549-4557.	2.1	10
35	Catalyst-Free Synthesis of 2,3-Dihydrobenzofurans via a Formal [4+1] Annulation of Propargylamines with Sulfur Ylides. <i>Journal of Organic Chemistry</i> , 2019, 84, 11623-11638.	1.7	20
36	Glycosylation Enabled by Successive Rhodium(II) and Brønsted Acid Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 11775-11780.	6.6	37

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37	Synthesis of $\hat{1}^3$ -Lactones Utilizing Ketoacids and Trimethylsulfoxonium Iodide. <i>Organic Letters</i> , 2019, 21, 5533-5537.	2.4	15
38	Sulfur-Mediated Allylic C-H Arylation, Epoxidation, and Aziridination. <i>Journal of Organic Chemistry</i> , 2019, 84, 10569-10578.	1.7	13
39	Catalytic asymmetric (4 + 1) annulation of nitroalkenes with allylic acetates: stereoselective synthesis of isoxazoline <i>N</i> -oxides. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6989-6993.	1.5	10
40	Sulfur Ylide Initiated [4 + 1]/[4 + 2] Annulation Reactions: A One-Pot Approach to Dibenzofuran Acrylate Derivatives. <i>Organic Letters</i> , 2019, 21, 6370-6373.	2.4	21
41	Rhodium(III)-Catalyzed Annulative Coupling of Sulfoxonium Ylides and Allenates: An Arene C-H Activation/Cyclopropanation Cascade. <i>Organic Letters</i> , 2019, 21, 9217-9222.	2.4	53
42	Synthesis of Bicyclo[4.1.0]tetrahydropyridazines by a Sequential [4+2] and [1+2] Annulation Reaction of Azoalkenes and Crotonate-Derived Sulfur Ylides. <i>Organic Letters</i> , 2019, 21, 7361-7364.	2.4	34
43	Regioselective N-Addition/Substitution Reaction of $\hat{1}^{\pm}$ -Alkylidene Pyrazolinones with Propargyl Sulfoxonium Salts to Construct Allylthio-Containing Pyrazolones. <i>Journal of Organic Chemistry</i> , 2019, 84, 12520-12531.	1.7	6
44	A photoinduced Wolff rearrangement/Pd-catalyzed [3+2] cycloaddition sequence: an unexpected route to tetrahydrofurans. <i>Chemical Communications</i> , 2019, 55, 2031-2034.	2.2	51
45	Metal-free tandem reaction synthesis of spiro-cyclopropyl fused pyrazolin-5-one derivatives. <i>Organic Chemistry Frontiers</i> , 2019, 6, 664-668.	2.3	18
46	Synergetic iridium and amine catalysis enables asymmetric [4+2] cycloadditions of vinyl aminoalcohols with carbonyls. <i>Nature Communications</i> , 2019, 10, 2716.	5.8	91
47	Copper-Catalyzed Dimerization of Sulfoxonium Ylides with 3-Diazoindolin-2-Imines: A Practical and Efficient Approach to Spiro[cyclopropane-1,3-diazindolin]-2-Imines. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4447-4456.	2.2	17
48	Bond-Forming and -Breaking Reactions at Sulfur(IV): Sulfoxides, Sulfonium Salts, Sulfur Ylides, and Sulfinate Salts. <i>Chemical Reviews</i> , 2019, 119, 8701-8780.	23.0	533
49	Inverse-Electron-Demand Palladium-Catalyzed Asymmetric [4+2] Cycloadditions Enabled by Chiral P,S-Ligand and Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11013-11017.	7.2	77
50	Ru ^{II} -Catalyzed/NH ₂ -Assisted Selective Alkenyl C-H [5 + 1] Annulation of Alkenylanilines with Sulfoxonium Ylides to Quinolines. <i>Organic Letters</i> , 2019, 21, 4812-4815.	2.4	90
51	Synthesis of 1-aminoindole derivatives <i>via</i> Rh-catalyzed annulation reactions of hydrazines with sulfoxonium ylides. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2662-2666.	2.3	40
52	Ring-opening cyclization of spirocyclopropanes with stabilized sulfonium ylides for the construction of a chromane skeleton. <i>Chemical Communications</i> , 2019, 55, 6539-6542.	2.2	17
53	Protecting group-directed annulations of tetra-substituted oxindole olefins and sulfur ylides: regio- and chemoselective synthesis of cyclopropane- and dihydrofuran-fused spirooxindoles. <i>RSC Advances</i> , 2019, 9, 12255-12264.	1.7	12
54	Cp*Ir ^{III} -Catalyzed [3+2] Annulations of <i>N</i> -Aryl-2-Aminopyrimidines with Sulfoxonium Ylides to Access 2-Alkyl Indoles Through C-H Bond Activation. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3203-3207.	1.2	29

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55	Recent advances of 1,2,3,5-tetrakis(carbazol-9-yl)-4,6-dicyanobenzene (4CzIPN) in photocatalytic transformations. <i>Chemical Communications</i> , 2019, 55, 5408-5419.	2.2	423
56	A cascade oxidation/[4 + 1] annulation of sulfonium salts for synthesis of polyfunctional furans: DMSO as one carbon source. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4311-4316.	1.5	14
57	Sulfonylimino Group Transfer Reaction Using Imino- β -iodanes with I ₂ as Catalyst Under Metal-free Conditions. <i>Molecules</i> , 2019, 24, 979.	1.7	7
58	Rh(III)-Catalyzed Cascade Reactions of Sulfoxonium Ylides with α -Diazocarbonyl Compounds: An Access to Highly Functionalized Naphthalenones. <i>Organic Letters</i> , 2019, 21, 2541-2545.	2.4	123
59	Practical heterogeneous photoredox/nickel dual catalysis for C–N and C–O coupling reactions. <i>Chemical Communications</i> , 2019, 55, 4853-4856.	2.2	93
60	Synthesis of Multi-substituted Dihydropyrazoles by Copper-Mediated [4+1] Cycloaddition Reaction of α -Sulfonylhydrazones and Sulfoxonium Ylides. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3124-3136.	2.1	42
61	Sulfide-Catalyzed Trifluoromethylthiolation-Cyclization of Tryptamine Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 687-690.	1.3	9
62	Palladium-Catalyzed Oxidative Allylation of Sulfoxonium Ylides: Regioselective Synthesis of Conjugated Dienones. <i>Organic Letters</i> , 2019, 21, 872-875.	2.4	64
63	Experimental and theoretical studies of (4+1) annulations between α -oxo ketenes and stable phosphorous, nitrogen, or sulfur ylides. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3939.	0.9	3
64	Recent advances in the synthesis of C2-spiropseudoindoxyls. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2850-2864.	1.5	38
65	The literature of heterocyclic chemistry, part XVII, 2017. <i>Advances in Heterocyclic Chemistry</i> , 2019, 129, 337-418.	0.9	5
66	Diastereoselective synthesis of cyclopropanes bearing trifluoromethyl-substituted all-carbon quaternary centers from 2-trifluoromethyl-1,3-enynes beyond fluorine elimination. <i>Chemical Communications</i> , 2019, 55, 3879-3882.	2.2	36
67	Combined inorganic base promoted N-addition/[2,3]-sigmatropic rearrangement to construct homoallyl sulfur-containing pyrazolones. <i>RSC Advances</i> , 2019, 9, 34912-34925.	1.7	2
68	Enantioselective Trapping of Pd-Containing 1,5-Dipoles by Photogenerated Ketenes: Access to 7-Membered Lactones Bearing Chiral Quaternary Stereocenters. <i>Journal of the American Chemical Society</i> , 2019, 141, 133-137.	6.6	182
69	Facile construction of three-membered rings via benzyne-promoted Darzens-type reaction of tertiary amines. <i>Tetrahedron</i> , 2019, 75, 1632-1638.	1.0	8
70	Rh(III)-Catalyzed [3 + 3] Annulation Reaction of Cyclopropenones and Sulfoxonium Ylides toward Trisubstituted 2-Pyrones. <i>Journal of Organic Chemistry</i> , 2020, 85, 360-366.	1.7	34
71	Direct cyclopropanation of activated N-heteroarenes <i>via</i> site- and stereoselective dearomative reactions. <i>Chemical Science</i> , 2020, 11, 1672-1676.	3.7	31
72	Zwitterionic Ammoniumalkenyl Ligands in Metal Cluster Complexes. Synthesis, Structures, and Transformations of Zwitterionic Trimethylammoniumalkenyl Ligands in Hexaruthenium Carbido Carbonyl Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 1513-1521.	1.9	6

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73	Rh(III)-catalyzed C-H acylmethylation of 2H-indazoles with sulfoxonium ylides. <i>Journal of Saudi Chemical Society</i> , 2020, 24, 850-856.	2.4	8
74	Sulfoxonium ylides: simple compounds with chameleonic reactivity. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8793-8809.	1.5	86
75	Ruthenium-catalyzed α -carbonyl sulfoxonium ylide annulations with aryl substituted pyrazoles via C-H/N-H bond functionalizations. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8486-8490.	1.5	16
76	Harnessing hypervalent iodonium ylides as carbene precursors: C-H activation of N-methoxybenzamides with a Rh-catalyst. <i>Chemical Communications</i> , 2020, 56, 15462-15465.	2.2	49
77	Recent Advances in the Cycloaddition Reactions of Benzylidenebenzofuranones, and Their Sulfur, Nitrogen and Methylene Analogues. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2838-2853.	1.7	34
78	Divergent Domino Reactions of Prop-2-ynylsulfonium Salts: Access to Sulfur-Containing Benzo-Fused Dioxabicyclo[3.3.1]nonanes and Dihydrofuro[2,3-c]chromenes. <i>Organic Letters</i> , 2020, 22, 5941-5946.	2.4	13
79	Synthesis of 3,6-Dihydro-2H-1,2-oxazines via Dimethylsulfoxonium Methylide Addition to α,β -Unsaturated Nitrones. <i>Journal of Organic Chemistry</i> , 2020, 85, 11258-11264.	1.7	8
80	Palladium-catalyzed cross-coupling reaction of sulfoxonium ylides and benzyl bromides by carbene migratory insertion. <i>Chemical Communications</i> , 2020, 56, 14287-14290.	2.2	6
81	Iminoiodane and Catalytic Amount of I ₂ -Mediated Synthesis of N-Allylsulfenamides via [2,3]-Sigmatropic Rearrangement. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6433-6439.	1.2	4
82	New frontiers in the transition-metal-free synthesis of heterocycles from alkynoates: an overview and current status. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3734-3791.	2.3	43
83	Chlorotrifluoromethylthiolation of Sulfur Ylides for the Formation of Tetrasubstituted Trifluoromethylthiolated Alkenes. <i>Organic Letters</i> , 2020, 22, 7378-7382.	2.4	12
84	C2-Selective C-H Methylation of Heterocyclic N-Oxides with Sulfonium Ylides. <i>Organic Letters</i> , 2020, 22, 9004-9009.	2.4	29
85	Efficiently diastereoselective synthesis of functionalized hydro-carbazoles by base-mediated tandem annulation of 1-(2-amino-aryl)prop-2-en-1-ones and sulfur ylide. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1469-1473.	2.3	10
86	Diastereoselective synthesis of spiro-cyclopropanyl-cyclohexadienones via direct sulfide-catalyzed [2 + 1] annulation of para-quinone methides with bromides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4257-4266.	1.5	12
87	Synthesis of indolizines from pyridinium 1,4-zwitterionic thiolates and α -functionalized bromoalkanes via a stepwise [(5+1) \rightarrow 1] pathway. <i>Chemical Communications</i> , 2020, 56, 8396-8399.	2.2	30
88	Practical and regioselective halo-trifluoromethylthiolation of sulfur ylides. <i>Chemical Communications</i> , 2020, 56, 8265-8268.	2.2	14
89	Rh(III)-Catalyzed [4+1] Cyclization of Sulfoxonium Ylides and Anthranils for Accessing N-Arylisatins. <i>ChemCatChem</i> , 2020, 12, 4689-4694.	1.8	5
90	Construct indeno[1,2-b]oxepine or cis-cyclopropylacrylate by sulfur ylides. <i>RSC Advances</i> , 2020, 10, 21895-21906.	1.7	10

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91	Visible-Light-Driven Radical Multicomponent Reaction of 2-Vinylanilines, Sulfonyl Chlorides, and Sulfur Ylides for Synthesis of Indolines. <i>Organic Letters</i> , 2020, 22, 2639-2644.	2.4	47
92	Synthesis, Structure, and Reactivity of Gold(I) δ^{\pm} -Oxo Carbenoid Complexes. <i>Organometallics</i> , 2020, 39, 1249-1257.	1.1	3
93	Gold-catalyzed Cycloisomerization of Sulfur Ylides to Dihydrobenzothiepines. <i>Chemistry - A European Journal</i> , 2020, 26, 10972-10975.	1.7	11
94	Domino Relay Olefin Metathesis of Triallyl Oxindole and Indole Precursors to Access Cyclic Indoxyls and Carbazoles. <i>ChemCatChem</i> , 2020, 12, 4754-4759.	1.8	6
95	Efficient access to fluorescent benzofuro[3,2- <i>b</i>]carbazoles via TFA-promoted cascade annulations of sulfur ylides, 2-hydroxy- β -nitrostyrenes and indoles. <i>Organic Chemistry Frontiers</i> , 2020, 7, 873-878.	2.3	12
96	Copper-Catalyzed Annulation or Homocoupling of Sulfoxonium Ylides: Synthesis of 2,3-Diaroylquinolines or $\delta^{\pm}, \delta^{\pm}, \delta^{\pm}$ -Tricarbonyl Sulfoxonium Ylides. <i>Organic Letters</i> , 2020, 22, 1504-1509.	2.4	47
97	ZnCl ₂ -catalyzed [4+1] Annulation of Alkylthio-substituted Enaminones and Enaminothiones with Sulfur Ylides. <i>Chemistry - A European Journal</i> , 2020, 26, 4941-4946.	1.7	19
98	Synthetic Applications of Sulfonium Salts. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2486-2500.	1.0	111
99	δ^{\pm} -Imino Iridium Carbenes from Imidoyl Sulfoxonium Ylides: Application in the One-Step Synthesis of Indoles. <i>Journal of Organic Chemistry</i> , 2020, 85, 7433-7445.	1.7	42
100	Diastereoselective Synthesis of 1,3-Diyne-Tethered Trifluoromethylcyclopropanes through a Sulfur Ylide Mediated Cyclopropanation/DBU-Mediated Epimerization Sequence. <i>Journal of Organic Chemistry</i> , 2020, 85, 6252-6260.	1.7	14
101	A leap forward in sulfonium salt and sulfur ylide chemistry. <i>Chinese Chemical Letters</i> , 2021, 32, 299-312.	4.8	79
102	Access to multi-functionalized oxazolines via silver-catalyzed heteroannulation of enamides with sulfoxonium ylides. <i>Chinese Chemical Letters</i> , 2021, 32, 1411-1414.	4.8	12
103	Visible-Light-Promoted Polysubstituted Olefins Synthesis Involving Sulfur Ylides as Carbene Trapping Reagents. <i>Journal of Organic Chemistry</i> , 2021, 86, 1012-1022.	1.7	36
104	Rhodium(iii)-catalyzed switchable C-H acylmethylation and annulation of 2,2'-bipyridine derivatives with sulfoxonium ylides. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4268-4271.	1.5	4
105	Copper-catalyzed C-H insertion reactions of sulfoxonium ylides. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5767-5771.	1.5	23
106	Photosensitizer-Free Visible-Light-Promoted Trifluoromethylation of Imidazo[1,2- <i>a</i>]pyridines. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 2684.	0.6	5
107	Highly diastereoselective spiro-cyclopropanation of 2-arylidene-1,3-indanediones and dimethylsulfonium ylides. <i>New Journal of Chemistry</i> , 2021, 45, 18776-18780.	1.4	6
108	Indolizine synthesis via radical cyclization and demethylation of sulfoxonium ylides and 2-(pyridin-2-yl)acetate derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4177-4182.	2.3	15

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109	Construction of a Benzo[<i>b</i>]azepine Skeleton through Decarboxylative Ylide [6+1] Annulations with Modified Vinyl Benzoxazinones. <i>Organic Letters</i> , 2021, 23, 814-818.	2.4	19
110	Synthesis of isoxazolidines <i>via</i> catalyst-free one-pot three-component cycloaddition of sulfoxonium ylides, nitrosoarenes and alkenes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 988-995.	2.3	25
111	Ruthenium-Catalyzed Chemoselective N-H Bond Insertion Reactions of 2-Pyridones/7-Azaindoles with Sulfoxonium Ylides. <i>Organic Letters</i> , 2021, 23, 1038-1043.	2.4	34
112	A cascade deprotonation/intramolecular aldol reaction of α -carbonyl sulfonium ylides with 2-mercaptoindole-3-carbaldehydes and 2-mercaptobenzaldehydes to access thieno[2,3- <i>b</i>]indoles and benzothiophenes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3678-3686.	1.5	5
113	A Boron-Oxygen Transborylation Strategy for a Catalytic Midland Reduction. <i>ACS Catalysis</i> , 2021, 11, 2034-2040.	5.5	20
114	Synthesis of Isatin-Hydrazones from Diazo Oxindoles and Sulfoxonium Ylides under Catalyst- and Additive-Free Conditions. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1592-1595.	1.2	5
115	Synthesis, Structures, and Transformations of Bridging and Terminally-Coordinated Trimethylammonioalkenyl Ligands in Zwitterionic Pentaruthenium Carbido Carbonyl Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 3781-3793.	1.9	5
116	Catalyst- and Substrate-Dependent Chemodivergent Reactivity of Stabilised Sulfur Ylides with Salicylaldehydes. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3053-3059.	2.1	7
117	Construction of Oxepino[3,2- <i>b</i>]indoles via [4+3] Annulation of 2-Ylideneoxindoles with Crotonate-Derived Sulfur Ylides. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3018-3024.	2.1	10
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