Wei Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/499108/publications.pdf

Version: 2024-02-01

212	13,486	13865 67	26613 107
papers	citations	h-index	g-index

247	247	247	9614
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrogenâ€Bondâ€Mediated Asymmetric Catalysis. Chemistry - an Asian Journal, 2008, 3, 516-532.	3.3	590
2	Organocatalysis: asymmetric cascade reactions catalysed by chiral secondary amines. Organic and Biomolecular Chemistry, 2008, 6, 2037.	2.8	476
3	Enantioselective Organocatalytic Tandem Michaelâ^'Aldol Reactions:Â One-Pot Synthesis of Chiral Thiochromenes. Journal of the American Chemical Society, 2006, 128, 10354-10355.	13.7	375
4	Direct, Highly Enantioselective Pyrrolidine Sulfonamide Catalyzed Michael Addition of Aldehydes to Nitrostyrenes. Angewandte Chemie - International Edition, 2005, 44, 1369-1371.	13.8	341
5	Organocatalytic Enantioselective Cascade Michael-Alkylation Reactions:â€‰ Synthesis of Chiral Cyclopropanes and Investigation of Unexpected Organocatalyzed Stereoselective Ring Opening of Cyclopropanes. Journal of the American Chemical Society, 2007, 129, 10886-10894.	13.7	335
6	Fluorescent Probes for the Detection of Hydrogen Sulfide in Biological Systems. Angewandte Chemie - International Edition, 2012, 51, 2282-2284.	13.8	273
7	Cascade Michaelâ^'Aldol Reactions Promoted by Hydrogen Bonding Mediated Catalysis. Journal of the American Chemical Society, 2007, 129, 1036-1037.	13.7	264
8	Iron/iron oxide core/shell nanoparticles for magnetic targeting MRI and near-infrared photothermal therapy. Biomaterials, 2014, 35, 7470-7478.	11.4	264
9	A Highly Selective Fluorescent Probe for Thiophenols. Angewandte Chemie - International Edition, 2007, 46, 8445-8448.	13.8	257
10	Organocatalytic Enantioselective Conjugate Additions to Enones. Journal of the American Chemical Society, 2006, 128, 12652-12653.	13.7	246
11	A Recyclable Fluorous (S)-Pyrrolidine Sulfonamide Promoted Direct, Highly Enantioselective Michael Addition of Ketones and Aldehydes to Nitroolefins in Water. Organic Letters, 2006, 8, 3077-3079.	4.6	243
12	Chiral Binaphthyl-Derived Amine-Thiourea Organocatalyst-Promoted Asymmetric Moritaâ^'Baylisâ^'Hillman Reaction. Organic Letters, 2005, 7, 4293-4296.	4.6	242
13	Organocatalytic Asymmetric Michael Addition of 2,4-Pentandione to Nitroolefins. Organic Letters, 2005, 7, 4713-4716.	4.6	225
14	Enantio- and Diastereoselective Michael Addition Reactions of Unmodified Aldehydes and Ketones with Nitroolefins Catalyzed by a Pyrrolidine Sulfonamide. Chemistry - A European Journal, 2006, 12, 4321-4332.	3.3	212
15	A Highly Stereoselective Hydrogenâ€Bondâ€Mediated Michaelâ€“Michael Cascade Process through Dynamic Kinetic Resolution. Angewandte Chemie - International Edition, 2008, 47, 4177-4179.	13.8	178
16	Recent developments in multimodality fluorescence imaging probes. Acta Pharmaceutica Sinica B, 2018, 8, 320-338.	12.0	172
17	Catalytic Asymmetric oxa-Michaelâ^'Michael Cascade for Facile Construction of Chiral Chromans via an Aminal Intermediate. Organic Letters, 2009, 11, 1627-1630.	4.6	147
18	One-pot approach to chiral chromenesvia enantioselective organocatalytic domino oxa-Michaelâ€“aldol reaction. Chemical Communications, 2007, , 507-509.	4.1	145

#	Article	IF	Citations
19	Dynamic Kinetic Resolution of Biaryl Lactones via a Chiral Bifunctional Amine Thiourea-Catalyzed Highly Atropo-enantioselective Transesterification. Journal of the American Chemical Society, 2016, 138, 6956-6959.	13.7	144
20	Synthesis of Highly Functionalized Chiral Cyclopentanes by Catalytic Enantio- and Diastereoselective Double Michael Addition Reactions. Angewandte Chemie - International Edition, 2007, 46, 3732-3734.	13.8	141
21	Organocatalytic enantioselective Î²-functionalization of aldehydes by oxidation of enamines and their application in cascade reactions. Nature Communications, 2011, 2, 211.	12.8	136
22	Chemical constituents from Dendrobium densiflorum. Phytochemistry, 2001, 57, 1255-1258.	2.9	135
23	Determination of Physiological Thiols by Electrochemical Detection with Piazselenole and Its Application in Rat Breast Cancer Cells 4T-1. Journal of the American Chemical Society, 2008, 130, 10846-10847.	13.7	134
24	Highly Enantioselective Organocatalytic Conjugate Addition of Nitromethane to Î±,Î²â€Unsaturated Aldehydes: Threeâ€Step Synthesis of Optically Active Baclofen. Advanced Synthesis and Catalysis, 2007, 349, 2660-2664.	4.3	129
25	Rational design of a highly selective and sensitive fluorescent PET probe for discrimination of thiophenols and aliphatic thiols. Chemical Communications, 2010, 46, 1944-1946.	4.1	129
26	Iminiumâ€“Allenamine Cascade Catalysis: Oneâ€Pot Access to Chiral 4Hâ€Chromenes by a Highly Enantioselective Michaelâ€“Michael Sequence. Angewandte Chemie - International Edition, 2010, 49, 1481-1484.	13.8	127
27	Chemo- and Regioselective Organo-Photoredox Catalyzed Hydroformylation of Styrenes via a Radical Pathway. Journal of the American Chemical Society, 2017, 139, 9799-9802.	13.7	121
28	Bifunctional Cinchona Alkaloid Thiourea Catalyzed Highly Efficient, Enantioselective Azaâ€Henry Reaction of Cyclic Trifluoromethyl Ketimines: Synthesis of Antiâ€HIV Drug DPCâ€…083. Angewandte Chemie - International Edition, 2011, 50, 11773-11776.	13.8	120
29	Visibleâ€Lightâ€Promoted Nickelâ€and Organicâ€Dyeâ€Cocatalyzed Formylation Reaction of Aryl Halides and Triflates and Vinyl Bromides with Diethoxyacetic Acid as a Formyl Equivalent. Angewandte Chemie - International Edition, 2017, 56, 1500-1505.	13.8	115
30	A FRET-based ratiometric fluorescent and colorimetric probe for the facile detection of organophosphonate nerve agent mimic DCP. Chemical Communications, 2013, 49, 10474.	4.1	114
31	Chiral Amine Thioureaâ€Promoted Enantioselective Domino Michaelâ€Aldol Reactions between 2â€Mercaptobenzaldehydes and Maleimides. Advanced Synthesis and Catalysis, 2007, 349, 1882-1886.	4.3	111
32	A fluorescent probe capable of detecting H2S at submicromolar concentrations in cells. Chemical Communications, 2012, 48, 10669.	4.1	110
33	Simple Cyclohexanediamine-Derived Primary Amine Thiourea Catalyzed Highly Enantioselective Conjugate Addition of Nitroalkanes to Enones. Organic Letters, 2009, 11, 2864-2867.	4.6	105
34	Organocatalytic Enantioselective Cascade Michaelâ€“Aldol Condensation Reactions: Efficient Assembly of Densely Functionalized Chiral Cyclopentenes. Angewandte Chemie - International Edition, 2007, 46, 9050-9053.	13.8	100
35	Visible-Light-Mediated, Chemo- and Stereoselective Radical Process for the Synthesis of C-Glycoamino Acids. Organic Letters, 2019, 21, 3086-3092.	4.6	100
36	Potent Dual BET/HDAC Inhibitors for Efficient Treatment of Pancreatic Cancer. Angewandte Chemie - International Edition, 2020, 59, 3028-3032.	13.8	100

#	Article	IF	Citations
37	Highly enantioselective aldehydeâ€“nitroolefin Michael addition reactions catalyzed by recyclable fluorous (S) diphenylpyrrolinol silyl ether. Tetrahedron Letters, 2006, 47, 5131-5134.	1.4	99
38	Catalytic Enantioselective Henry Reactions of Isatins: Application in the Concise Synthesis of (S)â€(â^')â€Spirobrassinin. Chemistry - A European Journal, 2011, 17, 7791-7795.	3.3	99
39	An amine sulfonamide organocatalyst for promoting direct, highly enantioselective Î±-aminoxylation reactions of aldehydes and ketones. Tetrahedron Letters, 2004, 45, 7235-7238.	1.4	98
40	Proline-Catalyzed Direct Inverse Electron Demand Dielsâ€“Alder Reactions of Ketones with 1,2,4,5-Tetrazines. Organic Letters, 2008, 10, 1923-1926.	4.6	92
41	Facile Creation of 3â€Indolylâ€3â€hydroxyâ€2â€oxindoles by an Organocatalytic Enantioselective Friedelâ€“Crafts Reaction of Indoles with Isatins. Advanced Synthesis and Catalysis, 2010, 352, 833-838.	4.3	92
42	Enantioselective Organocatalytic Mukaiyamaâ^'Michael Addition of Silyl Enol Ethers to Î±,Î²-Unsaturated Aldehydes. Organic Letters, 2005, 7, 1637-1639.	4.6	90
43	Organocatalytic Enantioselective Direct Additions of Aldehydes to 4-Vinylpyridines and Electron-Deficient Vinylarenes and Their Synthetic Applications. Journal of the American Chemical Society, 2015, 137, 2303-2310.	13.7	89
44	A Direct Amineâ€Palladium Acetate Cocatalyzed Saegusa Oxidation Reaction of Unmodified Aldehydes to Î±,Î²â€Unsaturated Aldehydes. Advanced Synthesis and Catalysis, 2009, 351, 1229-1232.	4.3	88
45	Direct, Facile Aldehyde and Ketone Î±-Selenenylation Reactions Promoted byl-Prolinamide and Pyrrolidine Sulfonamide Organocatalysts. Journal of Organic Chemistry, 2005, 70, 5678-5687.	3.2	87
46	Direct CÎ±-heteroarylation of structurally diverse ethers via a mild N-hydroxysuccinimide mediated cross-dehydrogenative coupling reaction. Chemical Science, 2017, 8, 4044-4050.	7.4	87
47	Highly Enantioselective Organocatalytic Michael Addition Reactions of Ketones with Chalcones. Advanced Synthesis and Catalysis, 2006, 348, 425-428.	4.3	86
48	Cu(<scp>ii</scp>) catalyzed oxidation-[3+2] cycloaddition-aromatization cascade: Efficient synthesis of pyrrolo [2, 1-a] isoquinolines. Chemical Communications, 2011, 47, 1036-1038.	4.1	86
49	Chiral Amineâ€Catalyzed Enantioselective Cascade Azaâ€“Eneâ€Type Cyclization Reactions. Chemistry - A European Journal, 2008, 14, 6333-6335.	3.3	85
50	An Organocatalytic Cascade Approach toward Polysubstituted Quinolines and Chiral 1,4â€Dihydroquinolinesâ€“Unanticipated Effect of Nâ€Protecting Groups. Angewandte Chemie - International Edition, 2012, 51, 7282-7286.	13.8	84
51	Organocatalytic Enantioselective Crossâ€Aldol Reactions of Aldehydes with Isatins: Formation of Two Contiguous Quaternary Centered 3â€Substituted 3â€Hydroxyindolâ€2â€ones. Chemistry - an Asian Journal, 2009, 4, 1664-1667.	3.3	81
52	Practical synthesis of C1 deuterated aldehydes enabled by NHC catalysis. Nature Catalysis, 2019, 2, 1071-1077.	34.4	81
53	Catalytic enantioselective conjugate addition of fluorobis(phenylsulfonyl)methane to enals: synthesis of chiral monofluoromethyl compounds. Chemical Communications, 2009, , 4886.	4.1	79
54	Direct, pyrrolidine sulfonamide promoted enantioselective aldol reactions of Î±,Î±-dialkyl aldehydes: synthesis of quaternary carbon-containing Î²-hydroxy carbonyl compounds. Tetrahedron Letters, 2005, 46, 5077-5079.	1.4	78

#	Article	IF	Citations
55	Quinine-Catalyzed Enantioselective Michael Addition of Diphenyl Phosphite to Nitroolefins: Synthesis of Chiral Precursors of Î±-Substituted Î²-Aminophosphonates. Advanced Synthesis and Catalysis, 2007, 349, 1052-1056.	4.3	78
56	â€œOne-Potâ€•Access to 4H-Chromenes with Formation of a Chiral Quaternary Stereogenic Center by a Highly Enantioselective Iminium-allenamine Involved Oxa-Michaelâ^'Aldol Cascade. Organic Letters, 2010, 12, 4948-4951.	4.6	78
57	A Strategy Enabling Enantioselective Direct Conjugate Addition of Inert Aryl Methane Nucleophiles to Enals with a Chiral Amine Catalyst under Mild Conditions. Chemistry - A European Journal, 2013, 19, 9147-9150.	3.3	78
58	Catalysis of highly stereoselective Mannich-type reactions of ketones with Î±-imino esters by a pyrrolidine-sulfonamide. Synthesis of unnatural Î±-amino acids. Tetrahedron Letters, 2004, 45, 7243-7246.	1.4	76
59	Enzymatic Cleavage and Subsequent Facile Intramolecular Transcyclization for in Situ Fluorescence Detection of Î³-Glutamyltranspetidase Activities. Analytical Chemistry, 2016, 88, 10816-10820.	6.5	75
60	Organocatalytic asymmetric conjugate addition of thioacetic acid to Î²-nitrostyrenes. Tetrahedron Letters, 2006, 47, 2585-2589.	1.4	74
61	Organocatalytic Enantioselective Friedelâ^'Crafts Reactions of 1-Naphthols with Aldimines. Organic Letters, 2011, 13, 828-831.	4.6	72
62	A Quinine-Squaramide Catalyzed Enantioselective Aza-Friedelâ€“Crafts Reaction of Cyclic Trifluoromethyl Ketimines with Naphthols and Electron-Rich Phenols. Organic Letters, 2015, 17, 5554-5557.	4.6	71
63	Organocatalytic enantioselective Michael addition of thioacetic acid to enones. Tetrahedron Letters, 2006, 47, 3145-3148.	1.4	70
64	New small-molecule drug design strategies for fighting resistant influenza A. Acta Pharmaceutica Sinica B, 2015, 5, 419-430.	12.0	70
65	Direct Oxidation of Î²â€Aryl Substituted Aldehydes to Î±,Î²â€Unsaturated Aldehydes Promoted by an oâ€Anisidineâ€“Pd(OAc)₂ Coâ€catalyst. Chemistry - an Asian Journal, 2009, 4, 1712-1716.	3.3	69
66	(S)-Pyrrolidine sulfonamide catalyzed asymmetric direct aldol reactions of aryl methyl ketones with aryl aldehydes. Tetrahedron Letters, 2008, 49, 2681-2684.	1.4	68
67	A Novel Bifunctional Sulfonamide Primary Amineâ€Catalyzed Enantioselective Conjugate Addition of Ketones to Nitroolefins. Advanced Synthesis and Catalysis, 2008, 350, 2194-2198.	4.3	68
68	Direct, organocatalytic Î±-sulfenylation of aldehydes and ketones. Tetrahedron Letters, 2004, 45, 8229-8231.	1.4	67
69	Divergent Cascade Construction of Skeletally Diverse â€œPrivilegedâ€•Pyrazoleâ€Derived Molecular Architectures. European Journal of Organic Chemistry, 2015, 2015, 2030-2037.	2.4	67
70	Organocatalytic, Enantioselective Conjugate Addition of Nitroalkanes to Nitroolefins. Advanced Synthesis and Catalysis, 2006, 348, 2047-2050.	4.3	62
71	Synthesis of Enantioenriched Î±-Deuterated Î±-Amino Acids Enabled by an Organophotocatalytic Radical Approach. Organic Letters, 2020, 22, 1557-1562.	4.6	61
72	An efficient method for demethylation of aryl methyl ethers. Tetrahedron Letters, 2008, 49, 4054-4056.	1.4	60

#	Article	IF	Citations
73	Synthesis of Z-alkenes via visible light promoted photocatalytic E â†' Z isomerization under metal-free conditions. Chemical Communications, 2017, 53, 12918-12921.	4.1	60
74	Analyte Regeneration Fluorescent Probes for Formaldehyde Enabled by Regiospecific Formaldehyde-Induced Intramolecularity. Journal of the American Chemical Society, 2018, 140, 16408-16412.	13.7	60
75	Organocatalytic enantioselective conjugate addition of ketones to isatylidine malononitriles. Chemical Communications, 2012, 48, 1692-1694.	4.1	59
76	Reaction-Based â€œOffâ€“Onâ€•Fluorescent Probe Enabling Detection of Endogenous Labile Fe²⁺ and Imaging of Zn²⁺-induced Fe²⁺ Flux in Living Cells and Elevated Fe²⁺ in Ischemic Stroke. Bioconjugate Chemistry, 2016, 27, 302-308.	3.6	59
77	Small Molecules Simultaneously Inhibiting p53-Murine Double Minute 2 (MDM2) Interaction and Histone Deacetylases (HDACs): Discovery of Novel Multitargeting Antitumor Agents. Journal of Medicinal Chemistry, 2018, 61, 7245-7260.	6.4	59
78	A Simple Primary Amine Thiourea Catalyzed Highly Enantioselective Conjugate Addition of Î±,Î±â€Disubstituted Aldehydes to Maleimides. Chemistry - A European Journal, 2010, 16, 7979-7982.	3.3	58
79	Photocatalytic Câ€“H silylation of heteroarenes by using trialkylhydrosilanes. Chemical Science, 2019, 10, 3817-3825.	7.4	56
80	Investigation of the Relationship Between H₂O₂ and HClO in Living Cells by a Bifunctional, Dual-ratiometric Responsive Fluorescent Probe. Analytical Chemistry, 2020, 92, 5134-5142.	6.5	56
81	Divergent Synthesis of Imidazoles and Quinazolines via Pd(OAc)2-Catalyzed Annulation of N-Allylamidines. Organic Letters, 2015, 17, 3434-3437.	4.6	53
82	Synthesis of Aldehydes by Organocatalytic Formylation Reactions of Boronic Acids with Glyoxylic Acid. Angewandte Chemie - International Edition, 2017, 56, 8201-8205.	13.8	53
83	A Novel Pyrrolidine Imide Catalyzed Direct Formation of Î±,Î²-Unsaturated Ketones from Unmodified Ketones and Aldehydes. Organic Letters, 2005, 7, 601-604.	4.6	52
84	Organocatalytic asymmetric Henry reaction of isatins: Highly enantioselective synthesis of 3-hydroxy-2-oxindoles. RSC Advances, 2011, 1, 389.	3.6	50
85	Discovery of Novel Indoleamine 2,3-Dioxygenase 1 (IDO1) and Histone Deacetylase (HDAC) Dual Inhibitors. ACS Medicinal Chemistry Letters, 2018, 9, 312-317.	2.8	50
86	Deuteration of Formyl Groups via a Catalytic Radical H/D Exchange Approach. ACS Catalysis, 2020, 10, 2226-2230.	11.2	50
87	A Simple and Efficient l-Prolinamide-Catalyzed Î±-Selenenylation Reaction of Aldehydes. Organic Letters, 2004, 6, 2817-2820.	4.6	49
88	Fluorescent Detection of Dynamic H₂O₂/H₂S Redox Event in Living Cells and Organisms. Analytical Chemistry, 2020, 92, 4387-4394.	6.5	48
89	Construction of Chiral Bridged Tricyclic Benzopyrans: Enantioselective Catalytic Dielsâ€“Alder Reaction and a Oneâ€Pot Reduction/Acidâ€Catalyzed Stereoselective Cyclization. Angewandte Chemie - International Edition, 2014, 53, 4940-4944.	13.8	47
90	Highly stereoselective synthesis of aryl/heteroaryl-C-nucleosides via the merger of photoredox and nickel catalysis. Chemical Communications, 2019, 55, 14657-14660.	4.1	47

#	Article	IF	Citations
91	Orchestration of dual cyclization processes and dual quenching mechanisms for enhanced selectivity and drastic fluorescence turn-on detection of cysteine. Chemical Communications, 2017, 53, 3583-3586.	4.1	46
92	Highly enantioselective Michael-cyclization cascade promoted by synergistic asymmetric aminocatalysis and Lewis acid catalysis. Tetrahedron Letters, 2010, 51, 1742-1744.	1.4	45
93	Synthesis of Indolizines via Reaction of 2-Substitued Azaarenes with Enals by an Amine-NHC Relay Catalysis. Organic Letters, 2017, 19, 2010-2013.	4.6	45
94	Ligand-free Cu-catalyzed [3 + 2] cyclization for the synthesis of pyrrolo[1,2-a]quinolines with ambient air as a terminal oxidant. Organic and Biomolecular Chemistry, 2016, 14, 7455-7458.	2.8	43
95	Phosphine-Catalyzed Aza-MBH Reactions of Vinylpyridines: Efficient and Rapid Access to 2,3,5-Triarylsubstituted 3-Pyrrolines. Organic Letters, 2015, 17, 2214-2217.	4.6	42
96	Homo-PROTAC mediated suicide of MDM2 to treat non-small cell lung cancer. Acta Pharmaceutica Sinica B, 2021, 11, 1617-1628.	12.0	40
97	Formation of Dihydronaphthalenes via Organocatalytic Enatioselective Michaelâ€“Aldol Cascade Reactions with Arylalkanes. Organic Letters, 2013, 15, 5634-5637.	4.6	38
98	Pd-Catalyzed Debenzylation and Deallylation of Ethers and Esters with Sodium Hydride. ACS Catalysis, 2018, 8, 3016-3020.	11.2	38
99	Pd-catalyzed cascade Heckâ€“Saegusa: direct synthesis of enals from aryl iodides and allyl alcohol. Chemical Communications, 2010, 46, 415-417.	4.1	37
100	FeCl3 promoted highly regioselective [3 + 2] cycloaddition of dimethyl 2-vinyl and aryl cyclopropane-1,1-dicarboxylates with aryl isothiocyanates. Organic and Biomolecular Chemistry, 2012, 10, 5032.	2.8	37
101	Synthesis of Î²-Silyl Î±-Amino Acids via Visible-Light-Mediated Hydrosilylation. Organic Letters, 2021, 23, 1406-1410.	4.6	37
102	Efficient, Enantioselective Organocatalytic Synthesis of Trichostatin A. Advanced Synthesis and Catalysis, 2006, 348, 1228-1234.	4.3	36
103	Rational Design of an Ultrasensitive and Highly Selective Chemodosimeter by a Dual Quenching Mechanism for Cysteine Based on a Facile Michaelâ€Transcyclization Cascade Reaction. Chemistry - A European Journal, 2016, 22, 9247-9256.	3.3	36
104	Î±-Functionalization of 2-Vinylpyridines via a Chiral Phosphine Catalyzed Enantioselective Cross Rauhutâ€“Currier Reaction. Organic Letters, 2018, 20, 1304-1307.	4.6	36
105	An Organocatalytic Approach to the Construction of Chiral Oxazolidinone Rings and Application in the Synthesis of Antibiotic Linezolid and Its Analogues. Organic Letters, 2008, 10, 5489-5492.	4.6	34
106	Co(OAc)₂-Catalyzed Trifluoromethylation and C(3)-Selective Arylation of 2-(Propargylamino)pyridines via a 6-Endo-Dig Cyclization. Organic Letters, 2017, 19, 6052-6055.	4.6	34
107	Diastereoâ€•and Enantioselective Organocatalytic Direct Conjugate Addition of Î³â€Butenolide to Chalcones. Chemistry - an Asian Journal, 2010, 5, 1303-1306.	3.3	33
108	Organophotoredox-Catalyzed Formation of Alkylâ€“Aryl and â^'Alkyl Câ€“S/Se Bonds from Coupling of Redox-Active Esters with Thio/Selenosulfonates. Organic Letters, 2020, 22, 9562-9567.	4.6	33

#	Article	IF	Citations
109	Visibleâ€Lightâ€Promoted Nickelâ€and Organicâ€Dyeâ€Cocatalyzed Formylation Reaction of Aryl Halides and Triflates and Vinyl Bromides with Diethoxyacetic Acid as a Formyl Equivalent. Angewandte Chemie, 2017, 129, 1522-1527.	2.0	32
110	FeCl 3 -catalyzed selective acylation of amines with 1,3-diketones via Câ€“C bond cleavage. Tetrahedron Letters, 2015, 56, 3093-3096.	1.4	30
111	Trideuteromethylation Enabled by a Sulfoxonium Metathesis Reaction. Organic Letters, 2019, 21, 448-452.	4.6	30
112	Synthesis of Highly Functionalized Chiral 3,3â€²-Disubstituted Oxindoles via an Organocatalytic Enantioselective Michael Addition of Nitroalkanes to Indolylidenecyanoacetates. Organic Letters, 2012, 14, 134-137.	4.6	29
113	Total Synthesis of Polyene Natural Product Dihydroxerulin by Mild Organocatalyzed Dehydrogenation of Alcohols. Chemistry - A European Journal, 2012, 18, 2230-2234.	3.3	29
114	Organocatalytic Transformation of Aldehydes to Thioesters with Visible Light. Chemistry - A European Journal, 2019, 25, 8225-8228.	3.3	29
115	Synthesis of 2-Quinolinones via a Hypervalent Iodine(III)-Mediated Intramolecular Decarboxylative Heck-Type Reaction at Room Temperature. Organic Letters, 2018, 20, 7929-7932.	4.6	28
116	A pinacol boronate caged NIAD-4 derivative as a near-infrared fluorescent probe for fast and selective detection of hypochlorous acid. Chinese Chemical Letters, 2018, 29, 139-142.	9.0	27
117	Expeditious diastereoselective construction of a thiochroman skeleton via a cinchona alkaloid-derived catalyst. Organic and Biomolecular Chemistry, 2012, 10, 36-39.	2.8	26
118	Photoredox Asymmetric Nucleophilic Dearomatization of Indoles with Neutral Radicals. ACS Catalysis, 2021, 11, 998-1007.	11.2	26
119	Selective Synthesis of Zâ€Cinnamyl Ethers and Cinnamyl Alcohols through Visible Lightâ€Promoted Photocatalytic E to Z Isomerization. Chemistry - an Asian Journal, 2020, 15, 555-559.	3.3	25
120	Direct stereoselective Î±-arylation of unmodified enals using an organocatalytic cross-coupling-like reaction. Nature Communications, 2011, 2, 524.	12.8	24
121	Facile Installation of 2â€Reverse Prenyl Functionality into Indoles by a Tandem Nâ€Alkylationâ€“Azaâ€Cope Rearrangement Reaction and Its Application in Synthesis. Chemistry - A European Journal, 2016, 22, 716-723.	3.3	24
122	Imidazoliumâ€Based Organicâ€“Inorganic Hybrid Silica as a Functional Platform Dramatically Boosts Chiral Organometallics Performance in Asymmetric Catalysis. ChemCatChem, 2013, 5, 1784-1789.	3.7	23
123	Efficient synthesis of highly substituted pyrroles through a Pd(OCOCF3)2-catalyzed cascade reaction of 2-alkenal-1,3-dicarbonyl compounds with primary amines. Chemical Communications, 2013, 49, 4667.	4.1	23
124	1,3-Benzodithiole-1,1,3,3-tetraoxide (BDT) as a versatile methylation reagent in catalytic enantioselective Michael addition reaction with enals. Tetrahedron Letters, 2010, 51, 1766-1769.	1.4	22
125	The Employment of Sodium Hydride as a Michael Donor in Palladiumâ€catalyzed Reductions of Î±, Î²â€Unsaturated Carbonyl Compounds. Advanced Synthesis and Catalysis, 2019, 361, 1554-1558.	4.3	22
126	Direct, stereoselective thioglycosylation enabled by an organophotoredox radical strategy. Chemical Science, 2020, 11, 13079-13084.	7.4	22

#	Article	IF	Citations
127	Asymmetric synthesis of isoquinolinonaphthyridines catalyzed by a chiral BrÃ¸nsted acid. Organic and Biomolecular Chemistry, 2017, 15, 6474-6477.	2.8	21
128	Organocatalytic Asymmetric Formal [4 + 2] Cycloaddition ofin SituOxidation-Generatedortho-Quinone Methides and Aldehydes. Organic Letters, 2018, 20, 174-177.	4.6	21
129	Catalytic asymmetric Catellani-type reaction: A powerful tool for axial chirality construction. Green Synthesis and Catalysis, 2020, 1, 83-85.	6.8	21
130	Highly enantioselective conjugate addition of nitroalkanes to enones catalyzed by cinchona alkaloid derived primary amine. Tetrahedron Letters, 2013, 54, 3791-3793.	1.4	20
131	Organocatalytic Enantioselective Friedelâ€“Crafts Reaction of 1â€Naphthols with Isatins and an Unexpected Spontaneous Dehydration Process. Asian Journal of Organic Chemistry, 2014, 3, 480-486.	2.7	20
132	Stereoselective organocatalytic oxidation of alcohols to enals: a homologation method to prepare polyenes. Chemical Communications, 2016, 52, 3532-3535.	4.1	20
133	A dynamic kinetic asymmetric transfer hydrogenationâ€“cyclization tandem reaction: an easy access to chiral 3,4-dihydro-2H-pyran-carbonitriles. Chemical Communications, 2017, 53, 6113-6116.	4.1	20
134	Improving the Potency of Cancer Immunotherapy by Dual Targeting of IDO1 and DNA. ChemMedChem, 2018, 13, 30-36.	3.2	20
135	Graphitic Carbon Nitride Polymer as a Recyclable Photoredox Catalyst for Decarboxylative Alkynylation of Carboxylic Acids. Advanced Synthesis and Catalysis, 2020, 362, 3898-3904.	4.3	20
136	Chemoreactive-Inspired Discovery of Influenza A Virus Dual Inhibitor to Block Hemagglutinin-Mediated Adsorption and Membrane Fusion. Journal of Medicinal Chemistry, 2020, 63, 6924-6940.	6.4	20
137	Organocatalytic asymmetric addition of alcohols to cyclic trifluoromethyl ketimines: highly enantioselective synthesis of chiral N,O-ketals. Organic and Biomolecular Chemistry, 2016, 14, 6193-6196.	2.8	19
138	An Allosteric Modulator of RNA Binding Targeting the N-Terminal Domain of TDP-43 Yields Neuroprotective Properties. ACS Chemical Biology, 2020, 15, 2854-2859.	3.4	19
139	Organophotocatalytic dearomatization of indoles, pyrroles and benzo(thio)furans via a Giese-type transformation. Communications Chemistry, 2021, 4, .	4.5	19
140	Highly Regio- and Stereoselective Synthesis of Z and E Enol Esters by an Amine-Catalyzed Conjugate Additionâ€“Rearrangement Reaction of Ynals with Carboxylic Acids. ACS Catalysis, 2016, 6, 8030-8035.	11.2	18
141	Lewis Acidâ€Catalyzed C(sp³)â€“C(sp³) Bond Forming Cyclization Reactions for the Synthesis of Tetrahydroprotoberberine Derivatives. Advanced Synthesis and Catalysis, 2017, 359, 2191-2195.	4.3	18
142	Fluorophore-Promoted Facile Deprotonation and Exocyclic Five-Membered Ring Cyclization for Selective and Dynamic Tracking of Labile Glyoxals. Analytical Chemistry, 2020, 92, 13829-13838.	6.5	18
143	Photo-triggered fluorescent theranostic prodrugs as DNA alkylating agents for mechlorethamine release and spatiotemporal monitoring. Organic and Biomolecular Chemistry, 2015, 13, 6742-6748.	2.8	17
144	Transition-metal-free synthesis of indolizines via [3 + 2]-annulation from Î±-bromoenals and 2-substituted azaarenes. Organic Chemistry Frontiers, 2017, 4, 2119-2123.	4.5	17

#	Article	IF	Citations
145	Moving beyond hydroxychloroquine: the novel lysosomal autophagy inhibitor ROC-325 shows significant potential in preclinical studies. Cancer Communications, 2019, 39, 72.	9.2	17
146	An enantioselective synthesis of (+)-(S)-[n]-gingerols via the l-proline-catalyzed aldol reaction. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3909-3911.	2.2	16
147	Organocatalytic annulation of aldehydes and o-quinone methides: A facile access to dihydrocoumarins. Tetrahedron Letters, 2016, 57, 5649-5652.	1.4	16
148	Palladiumâ€Catalyzed Divergent Regioselective Homocoupling and Hydroxylation of 3â€Arylbenzo[d]isoxazoles. Advanced Synthesis and Catalysis, 2017, 359, 410-418.	4.3	16
149	A naphthalimide-aminal-based pH-sensitive fluorescent donor for lysosome-targeted formaldehyde release and fluorescence turn-on readout. Chemical Communications, 2019, 55, 7053-7056.	4.1	16
150	Design and synthesis of a novel â€œturn-onâ€•long range measuring fluorescent probe for monitoring endogenous cysteine in living cells and Caenorhabditis elegans. Analytica Chimica Acta, 2021, 1152, 338243.	5.4	16
151	Cascade reaction and FRET-based fluorescent probe for the colorimetric and ratiometric signaling of hydrogen sulfide. Tetrahedron Letters, 2015, 56, 3769-3773.	1.4	15
152	Catalytic Asymmetric Î±â€Hydroxyamination of Carbonyls with Nâ€Hydroxycarbamates Becomes Greener. ChemCatChem, 2014, 6, 1863-1865.	3.7	14
153	Organocatalytic enantioselective Michael addition of cyclic hemiacetals to nitroolefins: a facile access to chiral substituted 5- and 6-membered cyclic ethers. Organic and Biomolecular Chemistry, 2015, 13, 4769-4775.	2.8	14
154	Anilineâ€Promoted Cyclizationâ€“Replacement Cascade Reactions of 2â€Hydroxycinnamaldehydes with Various Carbonic Nucleophiles through In Situ Formed N,Oâ€Acetals. Chemistry - A European Journal, 2016, 22, 9240-9246.	3.3	14
155	Enantioselective [4 + 2] Cycloaddition Reaction of Vinylquinolines with Dienals Enabled by Synergistic Organocatalysis. Organic Letters, 2020, 22, 6061-6066.	4.6	14
156	Total Synthesis of (+)â€Rutamarin. Advanced Synthesis and Catalysis, 2008, 350, 2373-2379.	4.3	13
157	Microwave-assisted three-component Knoevenagel-nucleophilic aromatic substitution reactions. Tetrahedron Letters, 2008, 49, 4687-4689.	1.4	13
158	Direct oxidative conversion of 3-aryl propionaldehydes to 3-aryl acroleins promoted by SOMO catalysis. Tetrahedron Letters, 2012, 53, 1207-1209.	1.4	13
159	A new facile approach to N-alkylpyrroles from direct redox reaction of 4-hydroxy-l-proline with aldehydes. Science China Chemistry, 2012, 55, 43-49.	8.2	13
160	Functional suppression of macrophages derived from THP-1 cells by environmentally-relevant concentrations of arsenite. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 214, 36-42.	2.6	13
161	A PET-based fluorescent probe for monitoring labile Fe(<scp>ii</scp>) pools in macrophage activations and ferroptosis. Chemical Communications, 2022, 58, 2979-2982.	4.1	13
162	Synthesis of 3-substituted 1,5-aldehyde estersvia an organocatalytic highly enantioselective conjugate addition of new carbonylmethyl 2-pyridinylsulfone to enals. Chemical Communications, 2012, 48, 148-150.	4.1	12

#	Article	IF	Citations
163	Engineering Iron Responses in Mammalian Cells by Signal-Induced Protein Proximity. ACS Synthetic Biology, 2017, 6, 921-927.	3.8	12
164	A simple two-photon turn-on fluorescent probe for the selective detection of cysteine based on a dual PeT/ICT mechanism. RSC Advances, 2018, 8, 13388-13392.	3.6	12
165	PIFAâ€Mediated Crossâ€Dehydrogenative Coupling of Nâ€Heteroarenes with Cyclic Ethers: Ethanol as an Efficient Promoter. European Journal of Organic Chemistry, 2021, 2021, 411-421.	2.4	12
166	A compact fluorescence/circular dichroism dual-modality probe for detection, differentiation, and detoxification of multiple heavy metal ions via bond-cleavage cascade reactions. Chinese Chemical Letters, 2021, 32, 3876-3881.	9.0	12
167	Formaldehyde reinforces pro-inflammatory responses of macrophages through induction of glycolysis. Chemosphere, 2021, 282, 131149.	8.2	12
168	Direct Transformation of Simple Enals to 3,4â€Disubstituted Benzaldehydes under Mild Reaction Conditions via an Organocatalytic Regioâ€and Chemoselective Dimerization Cascade. Chemistry - A European Journal, 2012, 18, 9770-9774.	3.3	11
169	Alkenylazaarenes as dipolarophiles in 1,3-dipolar cycloaddition of nitrones: regioselectivity-switchable and highly diastereoselective synthesis of multisubstituted isoxazolidines. Organic Chemistry Frontiers, 2018, 5, 2945-2949.	4.5	11
170	Construction of an all-carbon quaternary stereocenter by organocatalytic enantioselective Î±-functionalization of Î±-substituted Î²-ketocarbonyls with electron deficient vinylarenes. Chemical Communications, 2015, 51, 11221-11224.	4.1	10
171	A Metalâ€free Approach to 3â€Arylâ€3â€hydroxyâ€2â€oxindoles by Treatment of 3â€Acyloxyâ€2â€oxindoles with Diaryliodonium Salts. Chemistry - an Asian Journal, 2016, 11, 226-230.	3.3	10
172	Construction of N-Alkyl- and N-Arylaziridines from Unprotected Amines via Câ€“H Oxidative Amination Strategy. Organic Letters, 2019, 21, 904-907.	4.6	10
173	Mebendazole is a potent inhibitor to chemoresistant T cell acute lymphoblastic leukemia cells. Toxicology and Applied Pharmacology, 2020, 396, 115001.	2.8	10
174	Organophotocatalyzed E and Z stereoselective <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.svg"><mml:mrow><mml:msub><mml:mtext>C</mml:mtext><mml:msup><mml:mtext>sp</mml:mtext>6.8 <mml:mn>3</mml:mn> bond forming cross coupling reactions of carboxylic acids with Î²-aryl-vinyl halides. Green Synthesis and Catalysis, 2021, 2, 27-31.		10
175	Discovery of IDO1 and DNA dual targeting antitumor agents. Organic and Biomolecular Chemistry, 2017, 15, 9992-9995.	2.8	9
176	Direct Access of the Chiral Quinolinyl Core of Cinchona Alkaloids via a BrÃ¸nsted Acid and Chiral Amine Co-catalyzed Chemo- and Enantioselective Î±-Alkylation of Quinolinylmethanols with Enals. Organic Letters, 2018, 20, 1195-1199.	4.6	9
177	An â€œANDâ€logic-gate-based fluorescent probe with dual reactive sites for monitoring extracellular methylglyoxal level changes of activated macrophages. Chemical Communications, 2021, 57, 8166-8169.	4.1	9
178	Efficient preparation of trans-Î±,Î²-unsaturated aldehydes from saturated aldehydes by oxidative enamine catalysis. Science China Chemistry, 2011, 54, 1932-1936.	8.2	8
179	Facile construction of pyrrolo[1,2-b]isoquinolin-10(5H)-ones via a redox-aminationâ€“aromatizationâ€“Friedelâ€“Crafts acylation cascade reaction and discovery of novel topoisomerase inhibitors. Chemical Communications, 2016, 52, 9593-9596.	4.1	8
180	Synthesis of Aldehydes by Organocatalytic Formylation Reactions of Boronic Acids with Glyoxylic Acid. Angewandte Chemie, 2017, 129, 8313-8317.	2.0	8

#	Article	IF	Citations
181	An Unconventional Redox Cross Claisen Condensationâ€“Aromatization of 4-Hydroxyprolines with Ketones. Journal of Organic Chemistry, 2017, 82, 8419-8425.	3.2	8
182	Copper Promoted Aerobic Oxidative C(sp³)â€“C(sp³) Bond Cleavage of N-(2-(Pyridin-2-yl)-ethyl)anilines. Journal of Organic Chemistry, 2020, 85, 2725-2732.	3.2	8
183	Amineâ€Catalyzed Highly Regioselective and Stereoselective C(sp²)â€“C(sp²) Crossâ€Coupling of Naphthols with transâ€Î±,Î²â€Unsaturated Aldehydes. Chemistry - an Asian Journal, 2015, 10, 1859-1863.	3.3	7
184	Enantioselective organocatalytic Michael addition of isorhodanines to Î±,Î²-unsaturated aldehydes. Organic and Biomolecular Chemistry, 2016, 14, 3926-3933.	2.8	7
185	Ironâ€Catalyzed Antiâ€Markovnikov Hydroamination of Vinylpyridines. Asian Journal of Organic Chemistry, 2017, 6, 694-697.	2.7	7
186	A general asymmetric route to enantio-enriched isoflavanes via an organocatalytic annulation of o-quinone methides and aldehydes. Tetrahedron Letters, 2018, 59, 2407-2411.	1.4	7
187	Catalytic Cascade Access to Biarylâ€2â€Methyl Acetates from Pyruvate Oâ€Arylmethyl Ketoximes via the Palladiumâ€Catalyzed C(sp²)H Bond Arylation and Câ€“O Bond Solvolysis. Advanced Synthesis and Catalysis, 2018, 360, 2925-2937.	4.3	7
188	Enantioselective Construction of Functionalized Cyclopentanes by a Relay Ring-Closing Metathesis and Chiral Amine (Thio)urea-Promoted Michael Addition. Synthesis, 2014, 46, 2601-2607.	2.3	6
189	Autophagy: New Insights into Its Roles in Cancer Progression and Drug Resistance. Cancers, 2020, 12, 3005.	3.7	6
190	Construction of Enantioenriched Î³,Î³-Disubstituted Butenolides Enabled by Chiral Amine and Lewis Acid Cascade Cocatalysis. Organic Letters, 2021, 23, 7656-7660.	4.6	6
191	Synthesis of C-1 Deuterated 3-Formylindoles by Organophotoredox Catalyzed Direct Formylation of Indoles with Deuterated Glyoxylic Acid. Organic Letters, 2022, 24, 5034-5039.	4.6	6
192	A mild and selective protecting and reversed modification of thiols. Tetrahedron Letters, 2016, 57, 2660-2663.	1.4	5
193	Methylglyoxal produced by tumor cells through formaldehyde-enhanced Warburg effect potentiated polarization of tumor-associated macrophages. Toxicology and Applied Pharmacology, 2022, 438, 115910.	2.8	5
194	Synthesis of 3-aminoindan-1-one derivatives from 2-acetylbenzaldehydes and secondary amines by Mannich annulation. Tetrahedron Letters, 2019, 60, 1463-1466.	1.4	4
195	Aldehydes Switch Regioselectivity: a Prins Cyclization Strategy for the Synthesis of Indolineâ€fused THFs and Indoleâ€fused Oxepanes. Advanced Synthesis and Catalysis, 2020, 362, 2620-2625.	4.3	4
196	Potent Dual BET/HDAC Inhibitors for Efficient Treatment of Pancreatic Cancer. Angewandte Chemie, 2020, 132, 3052-3056.	2.0	4
197	Chiral Pyrrolidine Sulfonamide Catalyzed Enantioselective Michael Addition of Cyclohexanones to Maleimides. Synlett, 2011, 2011, 473-476.	1.8	3
198	Enantioselective synthesis of diarylcyclopropanecarboaldehydes by organocatalysis. Tetrahedron Letters, 2016, 57, 5742-5745.	1.4	3

#	Article	IF	Citations
199	Monomethylarsonous acid: Induction of DNA damage and oxidative stress in mouse natural killer cells at environmentally-relevant concentrations. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 832-833, 1-6.	1.7	3
200	Orlistat increases arsenite tolerance in THP-1 derived macrophages through the up-regulation of ABCA1. Drug and Chemical Toxicology, 2022, 45, 274-282.	2.3	3
201	One-pot synthesis of salicylaldehyde containing biaryl frameworks via an aminocatalytic Diels-Alder-retro-Diels-Alder cascade reaction of ynals with 2-pyrones. Green Synthesis and Catalysis, 2020, 1, 66-69.	6.8	3
202	Aminocatalytic stereoselective synthesis of (E)-Î±-naphthyl enals via cross-coupling-like reaction of 1-bromo-2-naphthols with enals. Green Synthesis and Catalysis, 2021, 2, 377-380.	6.8	3
203	Synthesis of Î³â€Oxoâ€Î±,Î²â€dehydroâ€Î±â€amino Acids from Nâ€“tertâ€Butyloxycarbonylâ€Î±â€Imino Esters and Carbonylmethyl 2â€Pyridinylsulfones via an Mannichâ€Elimination Cascade. Asian Journal of Organic Chemistry, 2014, 3, 766-768.	2.7	2
204	Facile Synthesis of 2H-Benzo[h]Chromenes via an Arylamine-Catalyzed Mannich Cyclization Cascade Reaction. Molecules, 2021, 26, 3617.	3.8	2
205	Structure-activity studies of PTPRD phosphatase inhibitors identify a 7-cyclopentymethoxy illudalic acid analog candidate for development. Biochemical Pharmacology, 2022, 195, 114868.	4.4	2
206	Myricetin protects natural killer cells from arsenite induced DNA damage by attenuating oxidative stress and retaining poly(ADP-Ribose) polymerase 1 activity. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2021, 865, 503337.	1.7	1
207	An anthracenecarboximide-guanidine fluorescent probe for selective detection of glyoxals under weak acidic conditions. RSC Advances, 2022, 12, 9473-9477.	3.6	1
208	Synthesis of Î±-Aryl Primary Amides from Î±-Silyl Nitriles and Aryl Sulfoxides through [3,3]-Sigmatropic Rearrangement. Organic Letters, 2022, 24, 1700-1705.	4.6	1
209	Frontispiece: Potent Dual BET/HDAC Inhibitors for Efficient Treatment of Pancreatic Cancer. Angewandte Chemie - International Edition, 2020, 59, .	13.8	0
210	Frontispiz: Potent Dual BET/HDAC Inhibitors for Efficient Treatment of Pancreatic Cancer. Angewandte Chemie, 2020, 132, .	2.0	0
211	Organic Transformations Enabled by Yolkâ€“Shell and Coreâ€“Shell Structured Catalysts. Nanostructure Science and Technology, 2021, , 479-492.	0.1	0
212	Synthesis of 2-oxoquinoline derivatives as dual pim and mTORC protein kinase inhibitors. Medicinal Chemistry Research, 0, , .	2.4	0