

Hua Yang

List of Publications by Year in descending order

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127
papers

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citations

147566

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Single-atom Rh/N-doped carbon electrocatalyst for formic acid oxidation. <i>Nature Nanotechnology</i> , 2020, 15, 390-397.	15.6	420
2	Graphene nanosheets as novel adsorbents in adsorption, preconcentration and removal of gases, organic compounds and metal ions. <i>Science of the Total Environment</i> , 2015, 502, 70-79.	3.9	196
3	Enantioselective Total Synthesis of Lycopodine. <i>Journal of the American Chemical Society</i> , 2008, 130, 9238-9239.	6.6	151
4	Photocatalytic, Phosphoranyl Radical-Mediated N=O Cleavage of Strained Cycloketone Oximes. <i>Organic Letters</i> , 2019, 21, 2658-2662.	2.4	130
5	Novel S, N-doped carbon quantum dot-based "off-on" fluorescent sensor for silver ion and cysteine. <i>Talanta</i> , 2018, 180, 300-308.	2.9	121
6	Visible-Light-Driven, Radical-Triggered Tandem Cyclization of <i>o</i> -Hydroxyaryl Enaminones: Facile Access to 3-CF ₂ /CF ₃ -Containing Chromones. <i>Organic Letters</i> , 2017, 19, 146-149.	2.4	99
7	Synthesis of Pyrrolo(spiro-[2.3]-oxindole)-spiro-[4.3]-oxindole via 1,3-Dipolar Cycloaddition of Azomethine Ylides with 3-Acetylidenoxindole. <i>Journal of Organic Chemistry</i> , 2013, 78, 11577-11583.	1.7	90
8	Photoinduced Single-Electron Transfer as an Enabling Principle in the Radical Borylation of Alkenes with NHC-Borane. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6706-6710.	7.2	89
9	<i>o</i> -(<i>p</i> -Dodecylphenylsulfonyl)-2-pyrrolidinecarboxamide: A Practical Proline Mimetic for Facilitating Enantioselective Aldol Reactions. <i>Organic Letters</i> , 2008, 10, 4649-4652.	2.4	80
10	Advancement in the chemical analysis and quality control of flavonoid in <i>Ginkgo biloba</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 212-225.	1.4	79
11	Simultaneous In Situ Extraction and Fabrication of Surface-Enhanced Raman Scattering Substrate for Reliable Detection of Thiram Residue. <i>Analytical Chemistry</i> , 2018, 90, 13647-13654.	3.2	79
12	Asymmetric Construction of Nitrogen-Containing [2.2.2] Bicyclic Scaffolds Using N-(<i>p</i> -Dodecylphenylsulfonyl)-2-pyrrolidinecarboxamide. <i>Journal of Organic Chemistry</i> , 2009, 74, 5151-5156.	1.7	78
13	Highly Stereoselective and Scalable <i>anti</i> -Aldol Reactions Using <i>o</i> -(<i>p</i> -Dodecylphenylsulfonyl)-2-pyrrolidinecarboxamide: Scope and Origins of Stereoselectivities. <i>Journal of Organic Chemistry</i> , 2010, 75, 7279-7290.	1.7	74
14	Development of an Enantioselective Route toward the <i>Lycopodium</i> Alkaloids: Total Synthesis of Lycopodine. <i>Journal of Organic Chemistry</i> , 2010, 75, 4929-4938.	1.7	69
15	Synthesis of All-Carbon, Quaternary Center-Containing Cyclohexenones through an Organocatalyzed, Multicomponent Coupling. <i>Organic Letters</i> , 2010, 12, 3108-3111.	2.4	66
16	Interrogation of spatial metabolome of <i>Ginkgo biloba</i> with high-resolution matrix-assisted laser desorption/ionization and laser desorption/ionization mass spectrometry imaging. <i>Plant, Cell and Environment</i> , 2018, 41, 2693-2703.	2.8	65
17	Fetal bovine serum influences the stability and bioactivity of resveratrol analogues: A polyphenol-protein interaction approach. <i>Food Chemistry</i> , 2017, 219, 321-328.	4.2	61
18	Nitrogen-doped carbon dots rapid and selective detection of mercury ion and biethiol and construction of an IMPLICATION logic gate. <i>Talanta</i> , 2019, 194, 554-562.	2.9	59

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19	Rapid and visual detection of aflatoxin B1 in foodstuffs using aptamer/G-quadruplex DNAzyme probe with low background noise. <i>Food Chemistry</i> , 2019, 271, 581-587.	4.2	58
20	Visible-Light-Induced External Radical-Triggered Annulation To Access CF ₂ -Containing Benzoxepine Derivatives. <i>Organic Letters</i> , 2018, 20, 1363-1366.	2.4	55
21	Structure, synthesis, biosynthesis, and activity of the characteristic compounds from <i>Ginkgo biloba</i> L.. <i>Natural Product Reports</i> , 2022, 39, 474-511.	5.2	54
22	A gas-diffusion microfluidic paper-based analytical device (µPAD) coupled with portable surface-enhanced Raman scattering (SERS): facile determination of sulphite in wines. <i>Analyst</i> , The, 2016, 141, 5511-5519.	1.7	49
23	Enantioselective Mannich Reactions with the Practical Proline Mimetic N-(p-Dodecylphenyl-sulfonyl)-2-pyrrolidinecarboxamide. <i>Journal of Organic Chemistry</i> , 2009, 74, 2246-2249.	1.7	46
24	Separation of polyphenols from leaves of <i>Malus hupehensis</i> (Pamp.) Rehder by off-line two-dimensional High Speed Counter-Current Chromatography combined with recycling elution mode. <i>Food Chemistry</i> , 2015, 186, 139-145.	4.2	44
25	Synthesis of Multi-Au-Nanoparticle-Embedded Mesoporous Silica Microspheres as Self-Filtering and Reusable Substrates for SERS Detection. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42156-42166.	4.0	44
26	Photocatalytic C-F Bond Borylation of Polyfluoroarenes with NHC-boranes. <i>Organic Letters</i> , 2020, 22, 1742-1747.	2.4	43
27	Highly Enantioselective Construction of Polycyclic Spirooxindoles by Organocatalytic 1,3-dipolar Cycloaddition of 2-cyclohexenone Catalyzed by Proline-Sulfonamide. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5700-5704.	1.2	40
28	In situ synthesis of gold nanoparticles on pseudo-paper films as flexible SERS substrate for sensitive detection of surface organic residues. <i>Talanta</i> , 2019, 197, 225-233.	2.9	38
29	Nitrogen-doped carbon quantum dots as a fluorescent probe to detect copper ions, glutathione, and intracellular pH. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7701-7710.	1.9	37
30	Additive-assisted regioselective 1,3-dipolar cycloaddition of azomethine ylides with benzylideneacetone. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 352-360.	1.3	35
31	Effect of varying NaCl doses on flavonoid production in suspension cells of <i>Ginkgo biloba</i> : relationship to chlorophyll fluorescence, ion homeostasis, antioxidant system and ultrastructure. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 3173-3187.	1.0	34
32	Visible-Light-Promoted Synthesis of 1,4-dicarbonyl Compounds via Conjugate Addition of Aroyl Chlorides. <i>Chemistry - an Asian Journal</i> , 2018, 13, 271-274.	1.7	34
33	Visible-Light-Induced, Catalyst-Free Radical Cross-Coupling Cyclization of N-Allylbromodifluoroacetamides with Disulfides or Diselenides. <i>Journal of Organic Chemistry</i> , 2020, 85, 5670-5682.	1.7	34
34	L-Proglutamic Sulphonamide as Hydrogen-Bonding Organocatalyst: Enantioselective Diels-Alder Cyclization to Construct Carbazolespirooxindoles. <i>Journal of Organic Chemistry</i> , 2017, 82, 6441-6449.	1.7	32
35	Core-shell-satellite microspheres-modified glass capillary for microsampling and ultrasensitive SERS spectroscopic detection of methotrexate in serum. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 267-276.	4.0	32
36	Visible-Light-Driven, Photoredox-Catalyzed Cascade of ortho-Hydroxycinnamic Esters To Access 3-Fluoroalkylated Coumarins. <i>Journal of Organic Chemistry</i> , 2019, 84, 7480-7487.	1.7	31

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37	Selenocyanobenziodoxolone: a practical electrophilic selenocyanation reagent and its application for solid-state synthesis of β -carbonyl selenocyanates. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1967-1971.	2.3	30
38	Simultaneous <i>In Situ</i> Extraction and Self-Assembly of Plasmonic Colloidal Gold Superparticles for SERS Detection of Organochlorine Pesticides in Water. <i>Analytical Chemistry</i> , 2021, 93, 4657-4665.	3.2	30
39	Visible-Light-Driven Sulfonation of β -Trifluoromethylstyrenes: Access to Densely Functionalized CF ₃ -Substituted Tertiary Alcohol. <i>Organic Letters</i> , 2021, 23, 6558-6562.	2.4	30
40	Accurate analysis of ginkgolides and their hydrolyzed metabolites by analytical supercritical fluid chromatography hybrid tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1388, 251-258.	1.8	29
41	Photocatalytic reductive radical-radical coupling of N,N -cyclicazomethine imines with difluorobromo derivatives. <i>Chemical Communications</i> , 2019, 55, 2712-2715.	2.2	29
42	Photocatalytic Hydroacylation of Alkenes by Directly Using Acyl Oximes. <i>Journal of Organic Chemistry</i> , 2020, 85, 11989-11996.	1.7	29
43	<i>O</i> -Perfluoropyridin-4-yl Oximes: Iminyl Radical Precursors for Photo- or Thermal-Induced $N=O$ Cleavage in $C(sp^2)-C(sp^3)$ Bond Formation. <i>Journal of Organic Chemistry</i> , 2020, 85, 3538-3547.	1.7	29
44	Visible-Light-Induced, Palladium-Catalyzed 1,4-Difunctionalization of 1,3-Dienes with Bromodifluoroacetamides. <i>Organic Letters</i> , 2022, 24, 924-928.	2.4	29
45	Metal-free visible-light-initiated direct C3 alkylation of quinoxalin-2(1 <i>H</i>)-ones and coumarins with unactivated alkyl iodides. <i>Green Chemistry</i> , 2022, 24, 858-863.	4.6	29
46	Systematic and efficient separation of 11 compounds from Rhizoma Chuanxiong via counter-current chromatography-solid phase extraction-counter-current chromatography hyphenation. <i>Journal of Chromatography A</i> , 2014, 1364, 204-213.	1.8	28
47	Acid-Relayed Organocatalytic <i>exo</i> -Diels-Alder Cycloaddition of Cyclic Enones with β -Vinylindoles. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1264-1268.	1.2	28
48	Photoredox-Catalyzed Reductive Dimerization of Isatins and Isatin-Derived Ketimines: Diastereoselective Construction of 3,3-Disubstituted Bisoxindoles. <i>Journal of Organic Chemistry</i> , 2017, 82, 3895-3900.	1.7	28
49	Organocatalytic, Enantioselective, Polarity-Matched Ring-Reorganization Domino Sequence Based on the 3-Oxindole Scaffold. <i>Organic Letters</i> , 2019, 21, 2166-2170.	2.4	28
50	γ -Pyroglutamic Acid-Modified CdSe/ZnS Quantum Dots: A New Fluorescence-Responsive Chiral Sensing Platform for Stereospecific Molecular Recognition. <i>Analytical Chemistry</i> , 2020, 92, 12040-12048.	3.2	28
51	Synthesis of functionalized chromones via organocatalysis. <i>Tetrahedron</i> , 2014, 70, 9314-9320.	1.0	26
52	Selectfluor-Triggered Tandem Cyclization of α -Hydroxyarylenaminones To Access Difluorinated 2-Amino-Substituted Chromanones. <i>Journal of Organic Chemistry</i> , 2017, 82, 9837-9843.	1.7	26
53	Improved enantioseparation via the twin-column based recycling high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1363, 236-241.	1.8	25
54	Diastereoselective Intramolecular [3 + 2]-Annulation of Donor-Acceptor Cyclopropane with Imine-Assembling Hexahydropyrrolo[3,2- <i>c</i>]quinolinone Scaffolds. <i>Journal of Organic Chemistry</i> , 2016, 81, 11185-11194.	1.7	25

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55	In situ fabrication of label-free optical sensing paper strips for the rapid surface-enhanced Raman scattering (SERS) detection of brassinosteroids in plant tissues. <i>Talanta</i> , 2017, 165, 313-320.	2.9	25
56	<i>o</i> -Perhalopyridin-4-yl Hydroxylamines: Amidyl-Radical Generation Scaffolds in Photoinduced Direct Amination of Heterocycles. <i>Organic Letters</i> , 2021, 23, 1643-1647.	2.4	25
57	Proline sulphonamide-catalysed Yamada–Otani condensation: reaction development, substrate scope and scaffold reactivity. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4851.	1.5	24
58	Highly stereoselective construction of novel dispirooxindole–imidazolidines via self-1,3-dipolar cyclization of ketimines. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7907-7910.	1.5	24
59	Discovery of temperature-dependent, autoinductive reversal of enantioselectivity: palladium-mediated [3+3]-annulation of 4-hydroxycoumarins. <i>Chemical Communications</i> , 2017, 53, 4441-4444.	2.2	23
60	Palladium-catalysed ring-opening [3 + 2]-annulation of spirovinylcyclopropyl oxindole to diastereoselectively access spirooxindoles. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 103-107.	1.5	23
61	Construction of Bispirooxindole Heterocycles via Palladium-Catalyzed Ring-Opening Formal [3 + 2]-Cycloaddition of Spirovinylcyclopropyl Oxindole and 3-Oxindole Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 2297-2306.	1.7	23
62	Photoredox-Catalyzed Cascade of <i>o</i> -Hydroxyarylenaminones to Access 3-Aminated Chromones. <i>Journal of Organic Chemistry</i> , 2022, 87, 1477-1484.	1.7	23
63	Regioselectivity-Tunable Self-1,3-Dipolar [3+3] Cyclizations of Azomethine Ylides To Assemble Dispirooxindole-piperazines. <i>Journal of Organic Chemistry</i> , 2015, 80, 11573-11579.	1.7	22
64	Development of a “Dual Gates”-Locked, Target-Triggered Nanodevice for Point-of-Care Testing with a Glucometer Readout. <i>ACS Sensors</i> , 2019, 4, 968-976.	4.0	22
65	Electrochemical heterodifunctionalization of $\hat{1}\pm$ -CF ₃ alkenes to access $\hat{1}\pm$ -trifluoromethyl- $\hat{2}$ -sulfonyl tertiary alcohols. <i>Chemical Communications</i> , 2021, 57, 8969-8972.	2.2	22
66	Amide-assisted intramolecular [3+2] annulation of cyclopropane ring-opening: a facile and diastereoselective access to the tricyclic core of ($\hat{A}\pm$)-scandine. <i>Chemical Communications</i> , 2016, 52, 2177-2180.	2.2	21
67	Sensitive surface enhanced Raman spectroscopy (SERS) detection of methotrexate by core-shell-satellite magnetic microspheres. <i>Talanta</i> , 2017, 171, 152-158.	2.9	21
68	Rapid screening and identification of antioxidants in the leaves of <i>Malus hupehensis</i> using offline two-dimensional HPLC–UV–MS/MS coupled with a 1,1-diphenyl-2-picrylhydrazyl assay. <i>Journal of Separation Science</i> , 2018, 41, 2536-2543.	2.2	21
69	Intelligent Platform for Simultaneous Detection of Multiple Aminoglycosides Based on a Ratiometric Paper-Based Device with Digital Fluorescence Detector Readout. <i>ACS Sensors</i> , 2019, 4, 3283-3290.	4.0	21
70	Diversity-driven and facile 1,3-dipolar cycloaddition to access dispirooxindole-imidazolidine scaffolds. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8705-8708.	1.5	20
71	Photocatalytic intermolecular <i>anti</i> -Markovnikov hydroamination of unactivated alkenes with <i>N</i> -hydroxyphthalimide. <i>Organic Chemistry Frontiers</i> , 2021, 8, 273-277.	2.3	20
72	Photocatalytic Cyclization/Defluorination Domino Sequence to Access 3-Fluoro-1,5-dihydro-2-pyrrol-2-one Scaffold. <i>Organic Letters</i> , 2021, 23, 4754-4758.	2.4	20

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73	Recent progress in the nitration of arenes and alkenes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4835-4851.	1.5	20
74	Enantioselective Aldol Reaction Between Isatins and Cyclohexanone Catalyzed by Amino Acid Sulphonamides. <i>Chirality</i> , 2015, 27, 314-319.	1.3	19
75	Combining Metabolic Profiling and Gene Expression Analysis to Reveal the Biosynthesis Site and Transport of Ginkgolides in <i>Ginkgo biloba</i> L.. <i>Frontiers in Plant Science</i> , 2017, 8, 872.	1.7	19
76	Photoinduced Single-Electron Transfer as an Enabling Principle in the Radical Borylation of Alkenes with NHC-Borane. <i>Angewandte Chemie</i> , 2020, 132, 6772-6776.	1.6	18
77	“Pomegranate-Like” Plasmonic Nanoreactors with Accessible High-Density Hotspots for in Situ SERS Monitoring of Catalytic Reactions. <i>Analytical Chemistry</i> , 2020, 92, 4115-4122.	3.2	18
78	Photochemical Organocatalytic Aerobic Cleavage of C-C Bonds Enabled by Charge-Transfer Complex Formation. <i>Organic Letters</i> , 2022, 24, 3920-3925.	2.4	18
79	Unraveling and Manipulating the Stereospecific Retro-Aldol Reaction in the Organocatalytic Asymmetric Aldol Reaction of Isatin and Cyclohexanone. <i>Organic Letters</i> , 2018, 20, 7535-7538.	2.4	17
80	Tunable photocatalytic oxysulfonylation and chlorosulfonylation of α -CF ₃ alkenes with sulfonyl chlorides. <i>Organic Chemistry Frontiers</i> , 2022, 9, 709-714.	2.3	17
81	Visible Light-Promoted Radical Relay Cyclization/C-C Bond Formation of <i>N</i> -Allylbromodifluoroacetamides with Quinoxalin-2(1 <i>H</i>)-ones. <i>Journal of Organic Chemistry</i> , 2021, 86, 17173-17183.	1.7	16
82	Visible-Light-Promoted Hydroxydifluoroalkylation of Alkenes Enabled by Electron Donor-Acceptor Complex. <i>Organic Letters</i> , 2021, 23, 9474-9479.	2.4	16
83	Phosphine-Mediated MBH-Type/Umpolung Addition Domino Sequence: Divergent Construction of Coumarins. <i>Organic Letters</i> , 2020, 22, 488-492.	2.4	14
84	A BHT-regulated chemoselective access to monofluorinated chromones. <i>Tetrahedron</i> , 2020, 76, 130833.	1.0	14
85	Proline Sulfonamide Based Organocatalysis: Better Late than Never. <i>Synlett</i> , 2010, 2010, 2827-2838.	1.0	13
86	Photoredox-catalyzed direct aminoalkylation of isatins: diastereoselective access to 3-hydroxy-3-aminoalkylindolin-2-ones analogues. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1608-1612.	2.3	13
87	A One-Pot Ring-Opening/Ring-Closure Sequence for the Synthesis of Polycyclic Spirooxindoles. <i>Chemistry - A European Journal</i> , 2019, 25, 4673-4677.	1.7	13
88	<i>N,N,N,N</i> -Tetramethylethylenediamine-Enabled Photoredox-Catalyzed C-H Methylation of <i>N</i> -Heteroarenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 11905-11914.	1.7	13
89	Enantioselective formal [3+2]-cycloadditions to access spirooxindoles bearing four contiguous stereocenters through synergistic catalysis. <i>Chemical Communications</i> , 2021, 57, 4456-4459.	2.2	13
90	Visible-Light-Induced, Palladium-Catalyzed Annulation of 1,3-Dienes to Construct <i>N</i> -Heterocycles. <i>Organic Letters</i> , 2022, 24, 5407-5411.	2.4	13

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91	Straightforward Synthesis of 3-Selenocyanato-Substituted Chromones through Electrophilic Selenocyanation of Enaminones under Grinding Conditions. <i>Synthesis</i> , 2021, 53, 954-960.	1.2	12
92	Visible-light-promoted olefinic trifluoromethylation of enamides with $\text{CF}_3\text{SO}_2\text{Na}$. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7475-7479.	1.5	12
93	Visible-Light-Driven, Photocatalyst-Free Cascade to Access 3-Cyanoalkyl Coumarins from ortho-Hydroxycinnamic Esters. <i>Journal of Organic Chemistry</i> , 2021, 86, 4245-4253.	1.7	12
94	Organocatalytic Enantioselective Conjugate Addition of Azlactones to Enolizable Linear and Cyclic Enones. <i>Journal of Organic Chemistry</i> , 2016, 81, 8001-8008.	1.7	11
95	Organocatalytic Asymmetric Allylic Alkylation of Morita-Baylis-Hillman Carbonates with Diethyl 2-Aminomalonate Assisted by In Situ Protection. <i>Journal of Organic Chemistry</i> , 2017, 82, 12202-12208.	1.7	11
96	Solvent-Minimized, Chromatography-Free, Diastereoselective Synthesis of Oxazolidine-Dispirooxindoles via oxo-1,3-Dipolar Cycloaddition of 3-Oxindole. <i>Journal of Organic Chemistry</i> , 2018, 83, 2948-2953.	1.7	10
97	Intramolecular hydrogen-bonding-assisted phosphine-catalysed [3 + 2] cyclisation of ynones with o-hydroxy/amino benzaldehydes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2187-2191.	1.5	10
98	Enantioselectivity-Switchable Organocatalytic [4 + 2]-Annulation to Access the Spirooxindole-Norcamphor Scaffold. <i>Organic Letters</i> , 2021, 23, 963-968.	2.4	10
99	Visible-Light-Promoted Cross-Coupling of α -O-Aryl Oximes and Nitrostyrenes to Access Cyanoalkylated Alkenes. <i>Organic Letters</i> , 2022, 24, 4640-4644.	2.4	10
100	Biphasic recognition enantioseparation of ofloxacin enantiomers by an aqueous two-phase system. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 2234-2239.	1.6	9
101	Divergent Aerobic Oxidative Ring-Opening Cascades of Isatins with 1,2,3,4-Tetrahydroisoquinoline. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5096-5101.	1.2	9
102	Organocatalytic Domino Entry to an Octahydroacridine Scaffold Bearing Three Contiguous Stereocenters. <i>Journal of Organic Chemistry</i> , 2018, 83, 12284-12290.	1.7	9
103	A phosphine-mediated domino sequence of salicylaldehyde with but-3-yn-2-one: rapid access to chromanone. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8916-8920.	1.5	9
104	Photocatalyzed Defluorinative Dichloromethylation of β - CF_3 Alkenes Using CHCl_3 as the Radical Source. <i>Journal of Organic Chemistry</i> , 2023, 88, 6354-6363.	1.7	9
105	Enantioselective extraction of phenylsuccinic acid in aqueous two-phase systems based on acetone and β -cyclodextrin derivative: Modeling and optimization through response surface methodology. <i>Journal of Chromatography A</i> , 2016, 1467, 490-496.	1.8	8
106	Straightforward Synthesis of Novel Difluorinated 2-Hydroxyl-Substituted Dihydroquinolones Through Selectfluor-Triggered Annulation of 2-Aminoarylenaminones. <i>ChemistrySelect</i> , 2018, 3, 9218-9221.	0.7	8
107	CuI -mediated benzannulation of (<i>ortho</i> -arylethynyl)phenylenaminones to assemble β -aminonaphthalene derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3250-3254.	2.3	8
108	Phosphonium Ylide-Mediated Programmable Fluorination to Access Mono- and Difluoromethylarenes. <i>Organic Letters</i> , 2021, 23, 2538-2542.	2.4	8

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109	Facile oxidative cyclization to access C2-quaternary 2-hydroxy-indolin-3-ones: synthetic studies towards matemone. <i>New Journal of Chemistry</i> , 2017, 41, 11503-11506.	1.4	7
110	Unusual Ligand-to-Metal Ratio-Controlled Bidirectional Enantioselectivity in Pd-Catalysed [3+3]-Annulation of Morita-Baylis-Hillman Acetate. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6961-6965.	1.2	7
111	A phosphine-catalysed one-pot domino sequence to access cyclopentene-fused coumarins. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7074-7080.	1.5	7
112	Gold/scandium bimetallic relay catalysis of formal [5+2]- and [4+2]-annulations: access to tetracyclic indole scaffolds. <i>Chemical Communications</i> , 2021, 57, 13369-13372.	2.2	7
113	Facile Construction of Pyrrolo[1,2-a]indolenine Scaffold via Diastereoselective [3+2] Annulation of Donor-Acceptor Cyclopropane with Indolenine. <i>Synthesis</i> , 2017, 49, 4292-4298.	1.2	6
114	Combining paired analytical metabolomics and common garden trial to study the metabolism and gene variation of <i>Ginkgo biloba</i> L. cultivated varieties. <i>RSC Advances</i> , 2017, 7, 55309-55317.	1.7	5
115	Catalyst-controlled diastereoselective ring-opening formal [3+2]-cycloadditions of arylvinyl oxirane 2,2-diester with cyclic N-sulfonyl imines. <i>Science China Chemistry</i> , 2020, 63, 785-791.	4.2	5
116	Integrating amino acid oxidase with photoresponsive probe: A fast quantitative readout platform of amino acid enantiomers. <i>Talanta</i> , 2021, 224, 121894.	2.9	5
117	TBN-triggered, manipulable annulations of <i>o</i> -hydroxyarylenaminones for divergent syntheses of oximinochromanones and oximinocoumaranones. <i>Chemical Communications</i> , 2021, 57, 12285-12288.	2.2	5
118	An organocatalytic enantioselective ring-reorganization domino sequence of methyleneindolinones with 2-aminomalonates. <i>Organic Chemistry Frontiers</i> , 2021, 8, 778-783.	2.3	4
119	Diastereoselectivity-switchable Gold-Catalyzed Formal [3+2]-Cycloadditions of <i>N</i> -2,2-trifluoroethylsatin Ketimines with α -Enones. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2435-2438.	1.7	4
120	Photoinduced Construction of a Benzothienopyridine-S,S-dioxide Framework Enabled by Polychloropyridyl Multifunctional Motifs. <i>Journal of Organic Chemistry</i> , 2022, 87, 4732-4741.	1.7	4
121	Organocatalytic domino sequence to asymmetrically access spirocyclic oxindole-1-methylene-3-lactams. <i>Tetrahedron</i> , 2021, , 132163.	1.0	3
122	Intramolecular [3+2]-cycloaddition of salicylaldehydes-based cyclic azomethine imines to access novel tetrahydrochromeno[4,3-c]pyrazolo[1,2-a]pyrazol-9-ones. <i>Tetrahedron</i> , 2021, 83, 131992.	1.0	2
123	Unveiling the abnormal effect of temperature on enantioselectivity in the palladium-mediated decarbonylative alkylation of MBH acetate. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5058-5063.	2.3	2
124	Phosphine-Mediated Morita-Baylis-Hillman-Type/Wittig Cascade: Access to <i>E</i> -Configured 3-Styryl- and 3-(Benzopyrrole/furan-2-yl) Quinolinones. <i>Journal of Organic Chemistry</i> , 2022, 87, 974-984.	1.7	2
125	Programmable iodization/deuterolysis sequences of phosphonium ylides to access deuterated benzyl iodides and aromatic aldehydes. <i>Chemical Communications</i> , 2022, 58, 4215-4218.	2.2	1
126	Study on the Online Ink Testing with CCD Based on Calabro-Mercatucci Model. <i>Advanced Materials Research</i> , 2010, 174, 195-198.	0.3	0

#	ARTICLE	IF	CITATIONS
127	[3+2] vs [4+1] Annulation: Revisiting mechanism studies on phosphine-catalysed domino sequence of alkynoates and activated methylenes. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	1.5	0