

Hongjian Song

List of Publications by Year in descending order

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citations

186209

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on the biological activity of gem-difluorinated 3,3- ϵ -spirocyclic indole derivatives. Chinese Chemical Letters, 2022, 33, 859-862.	4.8	14
2	Fluorine-containing agrochemicals in the last decade and approaches for fluorine incorporation. Chinese Chemical Letters, 2022, 33, 626-642.	4.8	48
3	HCl-Catalyzed Aerobic Oxidation of Alkylarenes to Carbonyls. ChemSusChem, 2022, 15, .	3.6	21
4	Design, synthesis and biological activities of echinopsine derivatives containing acylhydrazone moiety. Scientific Reports, 2022, 12, 2935.	1.6	5
5	Arylboronic Acid Deborylation Deuteration via Synergistic Thiol, Lewis Base, and Photoredox Catalysis. Organic Letters, 2022, 24, 2064-2068.	2.4	8
6	Visible-light-induced Smiles rearrangement without release of SO ₂ : rapid access to alkyl sulfonyl derivatives. Green Chemistry, 2022, 24, 4789-4793.	4.6	5
7	Palladium Metallaphotoredox-Catalyzed 2-Arylation of Indole Derivatives. Organic Letters, 2022, 24, 4580-4585.	2.4	18
8	Design, synthesis, characterization, and surface activities of comb-like polymeric fluorinated surfactants with short fluoroalkyl chains. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 609, 125666.	2.3	20
9	Photoredox relay-catalyzed <i>gem</i> -difluoroallylation of alkyl iodides. Chemical Communications, 2021, 57, 9768-9771.	2.2	24
10	Visible-light-mediated three-component Minisci reaction for heteroarylethyl alcohols synthesis. Green Chemistry, 2021, 23, 7963-7968.	4.6	10
11	Two-Step Protocol for Iodotrimethylsilane-Mediated Deoxy-Functionalization of Alcohols. European Journal of Organic Chemistry, 2021, 2021, 1179-1183.	1.2	1
12	Visible-Light-Induced Three-Component Intermolecular Trifluoromethyl-Alkenylation Reactions of Unactivated Alkenes. Advanced Synthesis and Catalysis, 2021, 363, 1651-1655.	2.1	22
13	Synthesis of Unnatural β -Amino Acids via Photoinduced Decatungstate-Catalyzed Giese Reactions of Aldehydes. Organic Letters, 2021, 23, 2199-2204.	2.4	41
14	Decatungstate as a direct hydrogen atom transfer photocatalyst for synthesis of trifluoromethylthioesters from aldehydes. Chinese Chemical Letters, 2021, 32, 3027-3030.	4.8	13
15	Synthesis process optimization and field trials of insecticide candidate NKY-312. Scientific Reports, 2021, 11, 6895.	1.6	2
16	Photoredox/Hydrogen Atom Transfer Cocatalyzed C-H Difluoroallylation of Amides, Ethers, and Alkyl Aldehydes. Organic Letters, 2021, 23, 2353-2358.	2.4	57
17	Metal-, Photocatalyst-, and Light-Free Minisci C-H Acetylation of N-Heteroarenes with Vinyl Ethers. Organic Letters, 2021, 23, 4374-4378.	2.4	13
18	Design, Synthesis, and Insecticidal Activity of Novel Triazone Derivatives Containing Sulfonamide or Sulfonimide Moieties. Journal of Agricultural and Food Chemistry, 2021, 69, 10790-10796.	2.4	9

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19	Electro-oxidative C-H azolation of quinoxalin-2(1H)-ones. <i>Green Chemistry</i> , 2021, 23, 3246-3249.	4.6	40
20	Visible-light-mediated multicomponent reaction for secondary amine synthesis. <i>Chemical Communications</i> , 2021, 57, 5028-5031.	2.2	31
21	Discovery and Nanosized Preparations of (S,R)-Tylophorine Malate as Novel anti-SARS-CoV-2 Agents. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1840-1846.	1.3	8
22	Radical Transformation of Aliphatic C-H Bonds to Oxime Ethers via Hydrogen Atom Transfer. <i>Organic Letters</i> , 2021, 23, 8353-8358.	2.4	20
23	Photoelectrochemical Decarboxylative C-H Alkylation of Quinoxalin-2(1H)-ones. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16820-16828.	3.2	14
24	Design, Synthesis, and Bioactivities of Phthalide and Coumarin Derivatives Based on the Biosynthesis and Structure Simplification of Gossypol. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 15123-15135.	2.4	9
25	Formyl-selective deuteration of aldehydes with D ₂ O via synergistic organic and photoredox catalysis. <i>Chemical Science</i> , 2020, 11, 1026-1031.	3.7	104
26	Visible-Light-Induced Deoxygenation/Defluorination Protocol for Synthesis of ¹³ C ₃ -Difluoroallylic Ketones. <i>Organic Letters</i> , 2020, 22, 709-713.	2.4	96
27	Light-Mediated Difluoromethylthiolation of Aldehydes with a Hydrogen Atom Transfer Photocatalyst. <i>Organic Letters</i> , 2020, 22, 8272-8277.	2.4	31
28	Construction of 2-(2-Arylphenyl)azoles via Cobalt-Catalyzed C-H/C-H Cross-Coupling Reactions and Evaluation of Their Antifungal Activity. <i>Organic Letters</i> , 2020, 22, 9331-9336.	2.4	11
29	Visible-light-induced radical isocyanide insertion protocol for the synthesis of difluoromethylated spiro[indole-3,3'-quinoline] derivatives. <i>Chemical Communications</i> , 2020, 56, 15212-15215.	2.2	12
30	Design, Synthesis, Characterization, and Biological Activities of Novel Spirooxindole Analogues Containing Hydantoin, Thiohydantoin, Urea, and Thiourea Moieties. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10618-10625.	2.4	32
31	Visible-Light-Mediated [2+2+1] Carbocyclization Reactions of 1,7-Enynes with Bromofluoroacetate to Form Fused Monofluorinated Cyclopenta[<i>c</i>]quinolin-4-ones. <i>Journal of Organic Chemistry</i> , 2020, 85, 5379-5389.	1.7	8
32	Synthesis of Four Optical Isomers of Antiviral Agent NK0209 and Determination of Their Configurations and Activities against a Plant Virus. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2631-2638.	2.4	16
33	Photoredox-Catalyzed Redox-Neutral Minisci C-H Formylation of N-Heteroarenes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2155-2159.	2.1	22
34	Synthesis and Antiviral/Fungicidal/Insecticidal Activities Study of Novel Chiral Indole Diketopiperazine Derivatives Containing Acylhydrazone Moiety. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5555-5571.	2.4	27
35	Visible-light-mediated photoredox minisci C-H alkylation with alkyl boronic acids using molecular oxygen as an oxidant. <i>Chemical Communications</i> , 2020, 56, 12652-12655.	2.2	43
36	Visible-light-mediated minisci C-H alkylation of heteroarenes with 4-alkyl-1,4-dihydropyridines using O ₂ as an oxidant. <i>Green Chemistry</i> , 2020, 22, 5599-5604.	4.6	32

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37	Visible-Light Photocatalysis of the Ketyl Radical Coupling Reaction. <i>Chemistry - A European Journal</i> , 2019, 25, 2949-2961.	1.7	100
38	Metal-, photocatalyst-, and light-free late-stage C-H alkylation of N-heteroarenes with organotrimethylsilanes using persulfate as a stoichiometric oxidant. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2902-2906.	2.3	12
39	Ketones and aldehydes as alkyl radical equivalents for C-H functionalization of heteroarenes. <i>Science Advances</i> , 2019, 5, eaax9955.	4.7	63
40	Sulfoxonium Ylides as Carbene Precursors: Rhodium(III)-Catalyzed Sequential C-H Functionalization, Selective Enol Oxygen-Atom Nucleophilic Addition, and Hydrolysis. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5272-5276.	2.1	33
41	Visible-light-initiated manganese-catalyzed Giese addition of unactivated alkyl iodides to electron-poor olefins. <i>Chemical Communications</i> , 2019, 55, 11707-11710.	2.2	37
42	Visible-light-mediated Minisci C-H alkylation of heteroarenes with unactivated alkyl halides using O ₂ as an oxidant. <i>Chemical Science</i> , 2019, 10, 976-982.	3.7	109
43	Metal-, Photocatalyst-, and Light-Free Minisci C-H Alkylation of N-Heteroarenes with Oxalates. <i>Journal of Organic Chemistry</i> , 2019, 84, 7532-7540.	1.7	27
44	Trifluoromethylation and Monofluoroalkenylation of Alkenes through Radical-Radical Cross-Coupling. <i>Chemistry - A European Journal</i> , 2019, 25, 8686-8690.	1.7	34
45	Photoredox-Mediated Minisci C-H Alkylation Reactions between N-Heteroarenes and Alkyl Iodides with Peroxyacetate as a Radical Relay Initiator. <i>Journal of Organic Chemistry</i> , 2019, 84, 16245-16253.	1.7	12
46	One-Pot Copper-Catalyzed Cascade Bicyclization Strategy for Synthesis of 2-(1 H) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (a Oxygen Source. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 490-495.	2.1	7
47	C(sp ³)-H Azidation Reaction: A Protocol for Preparation of Aminals. <i>Journal of Organic Chemistry</i> , 2018, 83, 4516-4524.	1.7	17
48	Hydration and Intramolecular Cyclization of Homopropargyl Sulfonamide Derivatives Catalyzed by Silver Hexafluoroantimonate(V): Synthesis of Structurally Diverse 2,3-Dihydro-1 H-Pyrroles. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1077-1081.	2.1	11
49	Photoredox-Mediated Direct Cross-Dehydrogenative Coupling of Heteroarenes and Amines. <i>Organic Letters</i> , 2018, 20, 5661-5665.	2.4	79
50	Visible-Light-Mediated Dearomatization/Cyanation Cascade Reaction of Indoles: Access to Highly Functionalized Spiro- β -Lactam Indolines with Two Contiguous Sterically Congested Quaternary Carbon Stereocenters. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2879-2884.	2.1	35
51	Synthesis of gem-Difluorinated Spiro- β -Lactam Oxindoles by Visible-Light-Induced Consecutive Difluoromethylative Dearomatization, Hydroxylation, and Oxidation. <i>Chemistry - A European Journal</i> , 2018, 24, 11283-11287.	1.7	44
52	N-Arylamines Coupled with Aldehydes, Ketones, and Imines by Means of Photocatalytic Proton-Coupled Electron Transfer. <i>Chemistry - A European Journal</i> , 2018, 24, 9269-9273.	1.7	34
53	Arylpyrrole and fipronil analogues that inhibit the motility and/or development of <i>Haemonchus contortus</i> in vitro. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018, 8, 379-385.	1.4	9
54	Design, Synthesis, and Biological Activity of $\hat{1}$ -Carboline Analogues Containing Hydantoin, Thiohydantoin, and Urea Moieties. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8253-8261.	2.4	27

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55	Various Bioactivity and Relationship of Structure-Activity of Matrine Analogues. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2039-2047.	2.4	59
56	Merging Photoredox with Brønsted Acid Catalysis: The Cross-Dehydrogenative C-H/O Coupling for sp ³ -C-H Bond Peroxidation. <i>Chemistry - A European Journal</i> , 2017, 23, 10871-10877.	1.7	19
57	Copper-Catalyzed Aerobic Oxidative [2 + 3] Cyclization/Aromatization Cascade Reaction: Atom-Economical Access to Tetrasubstituted 4,5-Biscarbonyl Imidazoles. <i>Organic Letters</i> , 2017, 19, 6056-6059.	2.4	32
58	Synthesis, insecticidal activities and structure-activity relationship study of dual chiral sulfilimines. <i>Molecular Diversity</i> , 2017, 21, 915-923.	2.1	3
59	Assessing the anthelmintic activity of pyrazole-5-carboxamide derivatives against <i>Haemonchus contortus</i> . <i>Parasites and Vectors</i> , 2017, 10, 272.	1.0	25
60	Expanding indole diversity: direct 1-step synthesis of 1,2-fused indoles and spiroindolines from 2-halo anilines for fast SAR antiviral elucidation against tobacco mosaic virus (TMV). <i>Molecular Diversity</i> , 2017, 21, 61-68.	2.1	13
61	Design, synthesis, insecticidal activity, and structure-activity relationship (SAR): studies of novel triazone derivatives containing a urea bridge group based on transient receptor potential (TRP) channels. <i>Molecular Diversity</i> , 2016, 20, 919-932.	2.1	4
62	Design, Synthesis, and Biological Activities of Spirooxindoles Containing Acylhydrazone Fragment Derivatives Based on the Biosynthesis of Alkaloids Derived from Tryptophan. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6508-6516.	2.4	52
63	Copper-Catalyzed Trifluoromethylation and Bicyclizations of 1,7-Enynes Leading to Fused Polycycles. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3435-3442.	2.1	32
64	Skeletal modifications of β - ¹² -carboline alkaloids and their antiviral activity profile. <i>Molecular Diversity</i> , 2016, 20, 829-835.	2.1	3
65	C ring may be dispensable for ¹² -carboline: Design, synthesis, and bioactivities evaluation of tryptophan analog derivatives based on the biosynthesis of ¹² -carboline alkaloids. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 462-473.	1.4	20
66	Additive effects on the improvement of insecticidal activity: Design, synthesis, and insecticidal activity of novel pymetrozine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 391-402.	1.4	12
67	Synthesis of Structurally Diverse 2,3-Fused Indoles via Microwave-Assisted AgSbF ₆ -Catalysed Intramolecular Difunctionalization of <i>o</i> -Alkynylanilines. <i>Scientific Reports</i> , 2015, 5, 13516.	1.6	13
68	Regio- and Chemoselective α -Acylation of Indoles: Pd-Catalyzed Domino Cyclization to Afford 1,2-Fused Tricyclic Indole Scaffolds. <i>Chemistry - A European Journal</i> , 2015, 21, 5337-5340.	1.7	22
69	Design, Synthesis, and Antiviral, Fungicidal, and Insecticidal Activities of Tetrahydro- ¹² -carboline-3-carbohydrazone Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 9987-9999.	2.4	76
70	Synthesis and Antiviral and Fungicidal Activity Evaluation of ¹² -Carboline, Dihydro- ¹² -carboline, Tetrahydro- ¹² -carboline Alkaloids, and Their Derivatives. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1010-1018.	2.4	119
71	Self-Induced Stereoselective in Situ Trifluoromethylation: Preparation of Spiro[indoline-3,3'-quinoline] via Palladium-Catalyzed Cascade Reaction. <i>Organic Letters</i> , 2014, 16, 3240-3243.	2.4	19
72	Design, Synthesis, and Insecticidal Evaluation of New Pyrazole Derivatives Containing Imine, Oxime Ether, Oxime Ester, and Dihydroisoxazoline Groups Based on the Inhibitor Binding Pocket of Respiratory Complex I. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 8730-8736.	2.4	50

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73	Cascade Electrophilic Iodocyclization: Efficient Preparation of 4-Iodomethyl Substituted Tetrahydro- β -carbolines and Formal Synthesis of Oxopropaline G. <i>Organic Letters</i> , 2013, 15, 3274-3277.	2.4	59
74	Design, Synthesis, and Insecticidal Activity of Novel Pyrazole Derivatives Containing β -Hydroxymethyl- <i>N</i> -benzyl Carboxamide, β -Chloromethyl- <i>N</i> -benzyl Carboxamide, and 4,5-Dihydrooxazole Moieties. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1470-1479.	2.4	74
75	Synthesis of Indole- and Pyrrole- Fused Seven- Membered Nitrogen Heterocycles via Acid-Base Switchable Cyclization Involving Cleavage of Amide C-N Bonds. <i>Advanced Synthesis and Catalysis</i> , 0, , .	2.1	5
76	Discovery of Indoloazepinone Analogues as Novel Antiviral, Antiphytopathogenic Fungus, and Insecticidal Agents. <i>ACS Agricultural Science and Technology</i> , 0, , .	1.0	2