

# Shouyun Yu

## List of Publications by Year in descending order

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105  
papers

6,950  
citations

46918

47  
h-index

62479

80  
g-index

146  
all docs

146  
docs citations

146  
times ranked

4296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible-Light-Promoted Iminyl-Radical Formation from Acyl Oximes: A Unified Approach to Pyridines, Quinolines, and Phenanthridines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4055-4059.	7.2	326
2	Distal radical migration strategy: an emerging synthetic means. <i>Chemical Society Reviews</i> , 2018, 47, 654-667.	18.7	266
3	Synthesis of $\alpha$ -Alkylated Phenanthridine Derivatives Using Photoredox Neutral Somophilic Isocyanide Insertion. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13289-13292.	7.2	265
4	Highly Efficient Catalytic System for Enantioselective Michael Addition of Aldehydes to Nitroalkenes in Water. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 545-548.	7.2	253
5	Visible-Light-Mediated Fluoroalkylation of Isocyanides with Ethyl Bromofluoroacetates: Unified Synthesis of Mono- and Difluoromethylated Phenanthridine Derivatives. <i>Organic Letters</i> , 2014, 16, 2938-2941.	2.4	228
6	Enantioselective Addition of Activated Terminal Alkynes to 1-Acylpyridinium Salts Catalyzed by Cu <sup>II</sup> -Bis(oxazoline) Complexes. <i>Journal of the American Chemical Society</i> , 2007, 129, 9300-9301.	6.6	198
7	Visible-Light-Promoted Remote C(sp <sup>3</sup> )-H Amidation and Chlorination. <i>Organic Letters</i> , 2015, 17, 1894-1897.	2.4	187
8	Enantioselective Allylic Alkylation with 4-Alkyl-1,4-dihydro-pyridines Enabled by Photoredox/Palladium Cocatalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 16914-16919.	6.6	180
9	Halogen-Bond-Promoted Double Radical Isocyanide Insertion under Visible-Light Irradiation: Synthesis of 2-Fluoroalkylated Quinoxalines. <i>Organic Letters</i> , 2016, 18, 4638-4641.	2.4	176
10	Direct C-H Functionalization of Enamides and Encarbamates by Using Visible-Light Photoredox Catalysis. <i>Chemistry - A European Journal</i> , 2012, 18, 15158-15166.	1.7	170
11	Visible-Light-Promoted Redox Neutral C-H Amidation of Heteroarenes with Hydroxylamine Derivatives. <i>Organic Letters</i> , 2014, 16, 3504-3507.	2.4	157
12	Organocatalytic Michael Addition of Aldehydes to Protected $\alpha$ -Amino- $\beta$ -Nitroethenes: The Practical Syntheses of Oseltamivir (Tamiflu) and Substituted $\beta$ -Aminopyrrolidines. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4656-4660.	7.2	147
13	Visible-Light-Promoted and One-Pot Synthesis of Phenanthridines and Quinolines from Aldehydes and <i>o</i> -Acyl Hydroxylamine. <i>Organic Letters</i> , 2015, 17, 2692-2695.	2.4	139
14	Photoredox-Catalyzed Intermolecular Remote C-H and C-C Vinylation via Iminyl Radicals. <i>Organic Letters</i> , 2018, 20, 5523-5527.	2.4	131
15	Hydrotrifluoromethylation of Unactivated Alkenes and Alkynes Enabled by an Electron-Donor-Acceptor Complex of Togni's Reagent with a Tertiary Amine. <i>Organic Letters</i> , 2016, 18, 2962-2965.	2.4	130
16	Sulfonation and Trifluoromethylation of Enol Acetates with Sulfonyl Chlorides Using Visible-Light Photoredox Catalysis. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5485-5492.	1.2	124
17	A review of enantioselective dual transition metal/photoredox catalysis. <i>Science China Chemistry</i> , 2020, 63, 637-647.	4.2	120
18	Radical Alkyltrifluoromethylation of Alkenes Initiated by an Electron Donor-Acceptor Complex. <i>Organic Letters</i> , 2017, 19, 1240-1243.	2.4	119

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19	Direct Aromatic C-H Trifluoromethylation via an Electron-Donor-Acceptor Complex. <i>Chemistry - A European Journal</i> , 2015, 21, 8355-8359.	1.7	110
20	Isocyanide Insertion: De Novo Synthesis of Trifluoromethylated Phenanthridine Derivatives. <i>Organic Letters</i> , 2013, 15, 5520-5523.	2.4	109
21	Synthesis of isoquinolines via visible light-promoted insertion of vinyl isocyanides with diaryliodonium salts. <i>Chemical Communications</i> , 2014, 50, 6164.	2.2	109
22	De Novo Synthesis of Polysubstituted Naphthols and Furans Using Photoredox Neutral Coupling of Alkynes with 2-Bromo-1,3-dicarbonyl Compounds. <i>Organic Letters</i> , 2013, 15, 4884-4887.	2.4	100
23	Copper-Catalyzed Desymmetric Intramolecular Ullmann C-N Coupling: An Enantioselective Preparation of Indolines. <i>Journal of the American Chemical Society</i> , 2012, 134, 14326-14329.	6.6	97
24	Visible-light-promoted iminyl radical formation from vinyl azides: synthesis of 6-(fluoro)alkylated phenanthridines. <i>Chemical Communications</i> , 2016, 52, 10898-10901.	2.2	87
25	Remote C-C bond formation via visible light photoredox-catalyzed intramolecular hydrogen atom transfer. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4519-4532.	1.5	87
26	Radical Alkylation of Imines with 4-Alkyl-1,4-dihydropyridines Enabled by Photoredox/Bronsted Acid Cocatalysis. <i>Journal of Organic Chemistry</i> , 2017, 82, 9995-10006.	1.7	83
27	Functionalization of C-H Bonds by Photoredox Catalysis. <i>Chemical Record</i> , 2017, 17, 754-774.	2.9	78
28	Primary, Secondary, and Tertiary C(sp <sup>3</sup> )-H Vinylation of Amides via Organic Photoredox-Catalyzed Hydrogen Atom Transfer. <i>Organic Letters</i> , 2018, 20, 6255-6259.	2.4	74
29	Enantioselective Radical Hydroacylation of Enals with $\alpha$ -Ketoacids Enabled by Photoredox/Amine Cocatalysis. <i>Organic Letters</i> , 2019, 21, 913-916.	2.4	74
30	C-H Functionalization of Enamides: Synthesis of $\alpha$ -Amidovinyl Sulfones via Visible-Light Photoredox Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 809-813.	2.1	73
31	Synthesis of Isoquinolones Using Visible-Light-Promoted Denitrogenative Alkyne Insertion of 1,2,3-Benzotriazinones. <i>Organic Letters</i> , 2015, 17, 4272-4275.	2.4	70
32	Site-selective remote C(sp <sup>3</sup> )-H heteroarylation of amides via organic photoredox catalysis. <i>Nature Communications</i> , 2019, 10, 4743.	5.8	69
33	Visible-Light-Induced Direct Oxidative C-H Amidation of Heteroarenes with Sulfonamides. <i>Chemistry - A European Journal</i> , 2016, 22, 15669-15673.	1.7	68
34	Regiospecific Synthesis of $\alpha$ -Trifluoromethylisoquinolines Enabled by Photoredox Homophilic Vinyl Isocyanide Insertion. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2859-2866.	2.1	67
35	Direct Synthesis of Nitriles from Aldehydes Using an <i>o</i> -Benzoyl Hydroxylamine (BHA) as the Nitrogen Source. <i>Organic Letters</i> , 2015, 17, 5064-5067.	2.4	64
36	Photoredox-Catalyzed Diamidation and Oxidative Amidation of Alkenes: Solvent-Enabled Synthesis of 1,2-Diamides and $\alpha$ -Amino Ketones. <i>Organic Letters</i> , 2017, 19, 2909-2912.	2.4	62

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37	Visible-light-promoted chloramination of olefins with N-chlorosulfonamide as both nitrogen and chlorine sources. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10295-10298.	1.5	58
38	Visible light-induced aryltrifluoromethylation of hydroxy alkenes <i>via</i> radical trifluoromethylation-triggered aryl and heteroaryl migration. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2224-2228.	2.3	57
39	Photoredox-Catalyzed Hydroacylation of Olefins Employing Carboxylic Acids and Hydrosilanes. <i>Organic Letters</i> , 2017, 19, 3430-3433.	2.4	55
40	Relay Visible-Light Photoredox Catalysis: Synthesis of Pyrazole Derivatives via Formal [4 + 1] Annulation and Aromatization. <i>Organic Letters</i> , 2017, 19, 214-217.	2.4	55
41	Enantioselective Remote C(sp <sup>3</sup> )â€“H Cyanation via Dual Photoredox and Copper Catalysis. <i>Organic Letters</i> , 2020, 22, 5910-5914.	2.4	54
42	Total Synthesis of Halipeptin A: A Potent Antiinflammatory Cyclic Depsipeptide. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 135-138.	7.2	53
43	Synthesis of <i>ortho</i> -(Fluoro)alkylated Pyridines <i>via</i> Visible Light-Promoted Radical Isocyanide Insertion. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3681-3686.	2.1	52
44	Visible-light-induced iminyl radical formation <i>via</i> electron-donorâ€“acceptor complexes: a photocatalyst-free approach to phenanthridines and quinolines. <i>Organic Chemistry Frontiers</i> , 2018, 5, 977-981.	2.3	51
45	Photoredox-catalyzed C(sp <sup>2</sup> )â€“N coupling reactions. <i>Tetrahedron Letters</i> , 2018, 59, 1605-1613.	0.7	51
46	Visible-light-promoted and photocatalyst-free trifluoromethylation of enamides. <i>Science China Chemistry</i> , 2016, 59, 195-198.	4.2	50
47	Synthesis of Tetracyclic Quinazolinones Using a Visible-Light-Promoted Radical Cascade Approach. <i>Journal of Organic Chemistry</i> , 2016, 81, 7276-7281.	1.7	46
48	Photoredox-Induced Radical Relay toward Functionalized Î²-Amino Alcohol Derivatives. <i>Organic Letters</i> , 2018, 20, 401-404.	2.4	46
49	Visible-Light-Induced Radical Acylation of Imines with Î±-Ketoacids Enabled by Electron-Donorâ€“Acceptor Complexes. <i>Organic Letters</i> , 2019, 21, 3711-3715.	2.4	46
50	A Convergent Route to the <i>Galbulimima</i> Alkaloids (âˆ’)â€“13 and (+)â€“16. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5887-5890.	7.2	45
51	Generation and Application of Iminyl Radicals from Oxime Derivatives Enabled by Visible Light Photoredox Catalysis. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 3748.	0.6	44
52	Enantioselective Î±-Allylation of Anilines Enabled by a Combined Palladium and Photoredox Catalytic System. <i>ACS Catalysis</i> , 2020, 10, 4710-4716.	5.5	40
53	Diastereoselective and Stereodivergent Synthesis of 2â€“Cinnamylpyrrolines Enabled by Photoredox-Catalyzed Iminoalkenylation of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9672-9679.	7.2	40
54	A Single Electron Transfer (SET) Approach to Câ€“H Amidation of Hydrazones via Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , 2016, 18, 5356-5359.	2.4	37

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55	Synthesis of Quinolines through Three-Component Cascade Annulation of Aryl Diazonium Salts, Nitriles, and Alkynes. <i>Journal of Organic Chemistry</i> , 2017, 82, 770-775.	1.7	37
56	Selective reduction of carboxylic acids to aldehydes with hydrosilane via photoredox catalysis. <i>Chemical Communications</i> , 2017, 53, 10228-10231.	2.2	35
57	Photoredox-Catalyzed Stereoselective Synthesis of <i>C</i> -Nucleoside Analogues from Glycosyl Bromides and Heteroarenes. <i>ACS Catalysis</i> , 2021, 11, 9397-9406.	5.5	35
58	Asymmetric Total Syntheses of Marine Cyclic Depsipeptide Halipeptins Aâ€D. <i>Chemistry - A European Journal</i> , 2006, 12, 6572-6584.	1.7	33
59	Somophilic Isocyanide Insertion: Synthesis of 6-Arylated and 6-Trifluoro- <i>o</i> -methylated Phenanthridines. <i>Synthesis</i> , 2014, 46, 2711-2726.	1.2	32
60	Synthesis of Fused Quinoline and Quinoxaline Derivatives Enabled by Domino Radical Triple Bond Insertions. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 1317-1325.	1.3	32
61	Photoinduced and Palladium-Catalyzed Remote Desaturation of Amide Derivatives. <i>Organic Letters</i> , 2021, 23, 6931-6935.	2.4	32
62	Enantioselective Synthesis of Azaflavanones Using Organocatalytic <i>endo</i> -Aza- <i>o</i> -Michael Addition. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 982-986.	2.1	31
63	Unified synthesis of enantiopure $\beta^2$ h, $\beta^3$ h and $\beta^2,3$ -amino acids. <i>Chemical Science</i> , 2010, 1, 637.	3.7	30
64	Asymmetric synthesis of enantiopure isoxazolidinone monomers for the synthesis of $\beta^3$ -oligopeptides by chemoselective amide ligation. <i>Tetrahedron</i> , 2010, 66, 4841-4853.	1.0	29
65	Synthesis of furo[3,2- <i>c</i> ]coumarin derivatives using visible-light-promoted radical alkyne insertion with bromocoumarins. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6065-6070.	1.5	29
66	Enantioselective synthesis of 2-substituted pyrrolidines via domino cross metathesis/intramolecular aza- <i>o</i> -Michael addition. <i>RSC Advances</i> , 2013, 3, 1666-1668.	1.7	27
67	Visible-Light-Promoted and Photoredox-Catalyzed Radical Addition to Triple Bonds. <i>Synlett</i> , 2016, 27, 2659-2675.	1.0	27
68	Enantioselective Reductive Homocoupling of Allylic Acetates Enabled by Dual Photoredox/Palladium Catalysis: Access to <i>C</i> <sub>2</sub> -Symmetrical 1,5-Dienes. <i>Journal of the American Chemical Society</i> , 2021, 143, 12836-12846.	6.6	27
69	Halogen-bond-mediated atom transfer radical addition of perfluoroalkyl iodides to alkynes under visible light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 355, 326-331.	2.0	26
70	Stereodivergent Synthesis of $\beta$ -Aminomethyl Cinnamyl Ethers <i>via</i> Photoredox-Catalyzed Radical Relay Reaction. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1147-1150.	2.6	26
71	Synthesis of biaryl sultams using visible-light-promoted denitrogenative cyclization of 1,2,3,4-benzothiazine-1,1-dioxides. <i>Organic Chemistry Frontiers</i> , 2016, 3, 953-956.	2.3	24
72	Photocatalytic Isomerization of Styrenyl Halides: Stereodivergent Synthesis of Functionalized Alkenes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1472-1477.	1.2	24

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73	Photoexcited Chiral Copper Complex-Mediated Alkene <i>E</i> → <i>Z</i> Isomerization Enables Kinetic Resolution. <i>Journal of the American Chemical Society</i> , 2022, 144, 10958-10967.	6.6	23
74	Enantioselective synthesis of benzoindolizidine derivatives using chiral phase-transfer catalytic intramolecular domino aza-Michael addition/alkylation. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1179-1186.	1.5	22
75	Enantioselective synthesis of 3-substituted 1,2-oxazinanes via organocatalytic intramolecular aza-Michael addition. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8607-8610.	1.5	20
76	Metal-free chloroamidation of indoles with sulfonamides and NaClO. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1354-1357.	2.3	20
77	Photoredox/palladium-cocatalyzed enantioselective alkylation of secondary benzyl carbonates with 4-alkyl-1,4-dihydropyridines. <i>Science China Chemistry</i> , 2020, 63, 687-691.	4.2	20
78	Regio- and Enantioselective Decarboxylative Allylic Benzylolation Enabled by Dual Palladium/Photoredox Catalysis. <i>ACS Catalysis</i> , 2022, 12, 1428-1432.	5.5	20
79	Synthesis of <i>C</i> -Alkynyl Glycosides by Photoredox-Catalyzed Reductive Coupling of Alkynyl Bromides with Glycosyl Bromides. <i>Organic Letters</i> , 2022, 24, 364-368.	2.4	20
80	Total synthesis and cytotoxicity of bisbromoamide and its analogues. <i>Tetrahedron Letters</i> , 2011, 52, 2124-2127.	0.7	19
81	Advances on Transition Metals and Photoredox Cooperatively Catalyzed Allylic Substitutions. <i>Acta Chimica Sinica</i> , 2019, 77, 832.	0.5	19
82	A flexible route to immunosuppressive agent FR252921. Asymmetric total synthesis of its (13R,14R,19R)-isomer. <i>Tetrahedron Letters</i> , 2006, 47, 9155-9157.	0.7	18
83	Visible Light-Promoted Isomerization of Alkenes. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 95.	0.6	18
84	Reinvestigation on total synthesis of kaitocephalin and its isomers. <i>Tetrahedron</i> , 2011, 67, 1673-1680.	1.0	17
85	Access to Cyanoimines Enabled by Dual Photoredox/Copper-Catalyzed Cyanation of <i>O</i> -Acyl Oximes. <i>Organic Letters</i> , 2020, 22, 7315-7320.	2.4	17
86	Diastereoselective synthesis of epoxide-fused benzoquinolizidine derivatives using intramolecular domino aza-Michael addition/Darzens reaction. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 265-268.	1.5	16
87	NaClO-Promoted Atroposelective Couplings of 3-Substituted Indoles with Amino Acid Derivatives. <i>Organic Letters</i> , 2019, 21, 4754-4758.	2.4	16
88	Enantioselective Radical S <sub>N</sub> 2-Type Alkylation of Morita-Baylis-Hillman Adducts Using Dual Photoredox/Palladium Catalysis. <i>Organic Letters</i> , 2021, 23, 8322-8326.	2.4	16
89	<i>In Vitro</i> Reconstitution of Cinnamoyl Moiety Reveals Two Distinct Cyclases for Benzene Ring Formation. <i>Journal of the American Chemical Society</i> , 2022, 144, 7939-7948.	6.6	16
90	Role of complexation in the photochemical reduction of chromate by acetylacetone. <i>Journal of Hazardous Materials</i> , 2020, 400, 123306.	6.5	15

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91	Asymmetric synthesis of atropisomeric compounds with C&ndash;N chiral axis. <i>Scientia Sinica Chimica</i> , 2020, 50, 509-525.	0.2	15
92	Atroposelective Haloamidation of Indoles with Amino Acid Derivatives and Hypohalides. <i>Organic Letters</i> , 2019, 21, 8819-8823.	2.4	14
93	Synthesis of Polysubstituted (Hetero)aromatic Compounds Using Visible-Light-Promoted Radical Triple Bond Insertions. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 239.	0.6	14
94	Synthesis of Tetrasubstituted Furans by Using Photoredox&Catalyzed Coupling of 2&Bromo&C1,3&dicarbonyl Compounds with Silyl Enol Ethers. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 414-417.	1.3	12
95	Synthetic Studies toward Galbulimima Alkaloid (&B 13 and (+)&B 16 and (&B) &Himgaline. <i>Chemistry - an Asian Journal</i> , 2011, 6, 573-579.	1.7	9
96	Photoredox-Catalyzed Radical Relay Reaction Toward Functionalized Vicinal Diamines. <i>Synthesis</i> , 2018, 50, 3387-3394.	1.2	8
97	Halogen-Bond-Promoted Radical Isocyanide Insertion of <i>o</i>-Diisocyanoarenes with Perfluoroalkyl Bromides under Visible Light Irradiation. <i>Acta Chimica Sinica</i> , 2017, 75, 115.	0.5	8
98	Enantioselective Radical Functionalization of Imines and Iminium Intermediates via Visible-Light Photoredox Catalysis. <i>Synthesis</i> , 2021, 53, 1706-1718.	1.2	7
99	Aggregation-induced visible light absorption makes reactant 1,2-diisocyanoarenes act as photosensitizers in double radical isocyanide insertions. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 31443-31451.	1.3	6
100	Synthesis of Chiral Fluorides by Sequential Organocatalyzed Desymmetrization of Glutaric Anhydrides and Photoredox-Catalyzed Decarboxylic Fluorination. <i>Synlett</i> , 2021, 32, 391-394.	1.0	5
101	Diastereoselective and Stereodivergent Synthesis of 2&Cinnamylpyrrolines Enabled by Photoredox&Catalyzed Iminoalkenylation of Alkenes. <i>Angewandte Chemie</i> , 2021, 133, 9758-9765.	1.6	5
102	Enantioselective Synthesis of Cryptopleurine and Boehmeriasin A via &Organocatalytic Intramolecular Aza-Michael Addition. <i>Synlett</i> , 2012, 23, 2251-2254.	1.0	4
103	Experimenting with a Suzuki&Miyaura Cross-Coupling Reaction That Demonstrates Tolerance toward Aldehyde Groups To Teach Undergraduate Students the Fundamentals of Transition-Metal-Catalyzed Reactions. <i>Journal of Chemical Education</i> , 2019, 96, 2672-2675.	1.1	3
104	Synthesis of Chiral Unnatural <i>L&Amino Acids Enabled by Photoredox/Br&Austed Acid Cocatalysis. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 1744.	0.6	2
105	Transition-Metal-Catalyzed Synthesis of 6-Phenyl-5,6-dihydro-2&H&pyran-2-one: A Comprehensive Organic Experiment for Undergraduate Students. <i>University Chemistry</i> , 2021, .	0.0	0