Shouyun Yu

List of Publications by Year in Descending Order

108 papers	5,395 citations	41 h-index	71 g-index
146 ext. papers	6,249 ext. citations	6.8 avg, IF	6.58 L-index

#	Paper	IF	Citations
108	Regio- and Enantioselective Decarboxylative Allylic Benzylation Enabled by Dual Palladium/Photoredox Catalysis. *ACS Catalysis*, **2022**, 12, 1428-1432	13.1	5
107	Enantioselective Radical S2-Type Alkylation of Morita-Baylis-Hillman Adducts Using Dual Photoredox/Palladium Catalysis. *Organic Letters*, **2021**, 23, 8322-8326	6.2	3
106	Enantioselective Radical Functionalization of Imines and Iminium Intermediates via Visible-Light Photoredox Catalysis. *Synthesis*, **2021**, 53, 1706-1718	2.9	3
105	Diastereoselective and Stereodivergent Synthesis of 2-Cinnamylpyrrolines Enabled by Photoredox-Catalyzed Iminoalkenylation of Alkenes. *Angewandte Chemie*, **2021**, 133, 9758-9765	3.6	4
104	Diastereoselective and Stereodivergent Synthesis of 2-Cinnamylpyrrolines Enabled by Photoredox-Catalyzed Iminoalkenylation of Alkenes. *Angewandte Chemie - International Edition*, **2021**, 60, 9672-9679	16.4	16
103	Photoredox-Catalyzed Stereoselective Synthesis of C-Nucleoside Analogues from Glycosyl Bromides and Heteroarenes. *ACS Catalysis*, **2021**, 11, 9397-9406	13.1	6
102	Synthesis of Chiral Fluorides by Sequential Organocatalyzed Desymmetrization of Glutaric Anhydrides and Photoredox-Catalyzed Decarboxylic Fluorination. *Synlett*, **2021**, 32, 391-394	2.2	5
101	Synthesis of Chiral Unnatural □Amino Acids Enabled by Photoredox/Br□sted Acid Cocatalysis. *Chinese Journal of Organic Chemistry*, **2021**, 41, 1744	3	0
100	Photoinduced and Palladium-Catalyzed Remote Desaturation of Amide Derivatives. *Organic Letters*, **2021**, 23, 6931-6935	6.2	8
99	Enantioselective Reductive Homocoupling of Allylic Acetates Enabled by Dual Photoredox/Palladium Catalysis: Access to -Symmetrical 1,5-Dienes. *Journal of the American Chemical Society*, **2021**, 143, 12836-12846	16.4	6
98	Enantioselective □Allylation of Anilines Enabled by a Combined Palladium and Photoredox Catalytic System. *ACS Catalysis*, **2020**, 10, 4710-4716	13.1	25
97	Role of complexation in the photochemical reduction of chromate by acetylacetone. *Journal of Hazardous Materials*, **2020**, 400, 123306	12.8	9
96	A review of enantioselective dual transition metal/photoredox catalysis. *Science China Chemistry*, **2020**, 63, 637-647	7.9	70
95	Asymmetric synthesis of atropisomeric compounds with C–N chiral axis. *Scientia Sinica Chimica*, **2020**, 50, 509-525	1.6	3
94	Generation and Application of Iminyl Radicals from Oxime Derivatives Enabled by Visible Light Photoredox Catalysis. *Chinese Journal of Organic Chemistry*, **2020**, 40, 3748	3	32
93	Remote C-C bond formation via visible light photoredox-catalyzed intramolecular hydrogen atom transfer. *Organic and Biomolecular Chemistry*, **2020**, 18, 4519-4532	3.9	42
92	Photocatalytic Isomerization of Styrenyl Halides: Stereodivergent Synthesis of Functionalized Alkenes. *European Journal of Organic Chemistry*, **2020**, 2020, 1472-1477	3.2	15

91	Enantioselective Remote C(sp)-H Cyanation via Dual Photoredox and Copper Catalysis. *Organic Letters*, **2020**, 22, 5910-5914	6.2	24
90	Access to Cyanoimines Enabled by Dual Photoredox/Copper-Catalyzed Cyanation of -Acyl Oximes. *Organic Letters*, **2020**, 22, 7315-7320	6.2	7
89	Photoredox/palladium-cocatalyzed enantioselective alkylation of secondary benzyl carbonates with 4-alkyl-1,4-dihydropyridines. *Science China Chemistry*, **2020**, 63, 687-691	7.9	15
88	Enantioselective Radical Hydroacylation of Enals with -Ketoacids Enabled by Photoredox/Amine Cocatalysis. *Organic Letters*, **2019**, 21, 913-916	6.2	54
87	NaClO-Promoted Atroposelective Couplings of 3-Substituted Indoles with Amino Acid Derivatives. *Organic Letters*, **2019**, 21, 4754-4758	6.2	8
86	Visible-Light-Induced Radical Acylation of Imines with -Ketoacids Enabled by Electron-Donor-Acceptor Complexes. *Organic Letters*, **2019**, 21, 3711-3715	6.2	34
85	Site-selective remote C(sp)-H heteroarylation of amides via organic photoredox catalysis. *Nature Communications*, **2019**, 10, 4743	17.4	30
84	Atroposelective Haloamidation of Indoles with Amino Acid Derivatives and Hypohalides. *Organic Letters*, **2019**, 21, 8819-8823	6.2	8
83	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. *Journal of Chemical Education*, **2019**, 96, 2672-2675	2.4	2
82	Advances on Transition Metals and Photoredox Cooperatively Catalyzed Allylic Substitutions. *Acta Chimica Sinica*, **2019**, 77, 832	3.3	17
81	Visible Light-Promoted Isomerization of Alkenes. *Chinese Journal of Organic Chemistry*, **2019**, 39, 95	3	13
80	Distal radical migration strategy: an emerging synthetic means. *Chemical Society Reviews*, **2018**, 47, 654-667	36.5	195
79	Visible-light-induced iminyl radical formation via electron-donor-acceptor complexes: a photocatalyst-free approach to phenanthridines and quinolines. *Organic Chemistry Frontiers*, **2018**, 5, 977-981	5.2	41
78	Photoredox-Induced Radical Relay toward Functionalized -Amino Alcohol Derivatives. *Organic Letters*, **2018**, 20, 401-404	6.2	34
77	Photoredox-catalyzed C(sp2)-N coupling reactions. *Tetrahedron Letters*, **2018**, 59, 1605-1613	2	39
76	Modern Technologies in Natural Product Synthesis **2018**, 447-464		
75	Photoredox-Catalyzed Intermolecular Remote C-H and C-C Vinylation via Iminyl Radicals. *Organic Letters*, **2018**, 20, 5523-5527	6.2	96
74	Visible light-induced aryltrifluoromethylation of hydroxy alkenes via radical trifluoromethylation-triggered aryl and heteroaryl migration. *Organic Chemistry Frontiers*, **2018**, 5, 2224-2228	5.2	38

73	Photoredox-Catalyzed Radical Relay Reaction Toward Functionalized Vicinal Diamines. *Synthesis*, **2018**, 50, 3387-3394	2.9	4
72	Halogen-bond-mediated atom transfer radical addition of perfluoroalkyl iodides to alkynes under visible light irradiation. *Journal of Photochemistry and Photobiology A: Chemistry*, **2018**, 355, 326-331	4.7	19
71	Enantioselective Allylic Alkylation with 4-Alkyl-1,4-dihydro-pyridines Enabled by Photoredox/Palladium Cocatalysis. *Journal of the American Chemical Society*, **2018**, 140, 16914-16919	16.4	115
70	Primary, Secondary, and Tertiary □C(sp)-H Vinylation of Amides via Organic Photoredox-Catalyzed Hydrogen Atom Transfer. *Organic Letters*, **2018**, 20, 6255-6259	6.2	52
69	Stereodivergent Synthesis of □Aminomethyl Cinnamyl Ethers via Photoredox-Catalyzed Radical Relay Reaction. *Chinese Journal of Chemistry*, **2018**, 36, 1147-1150	4.9	16
68	Functionalization of C-H Bonds by Photoredox Catalysis. *Chemical Record*, **2017**, 17, 754-774	6.6	51
67	Radical Alkynyltrifluoromethylation of Alkenes Initiated by an Electron Donor-Acceptor Complex. *Organic Letters*, **2017**, 19, 1240-1243	6.2	95
66	Photoredox-Catalyzed Diamidation and Oxidative Amidation of Alkenes: Solvent-Enabled Synthesis of 1,2-Diamides and □Amino Ketones. *Organic Letters*, **2017**, 19, 2909-2912	6.2	46
65	Photoredox-Catalyzed Hydroacylation of Olefins Employing Carboxylic Acids and Hydrosilanes. *Organic Letters*, **2017**, 19, 3430-3433	6.2	41
64	Metal-free chloroamidation of indoles with sulfonamides and NaClO. *Organic Chemistry Frontiers*, **2017**, 4, 1354-1357	5.2	15
63	Relay Visible-Light Photoredox Catalysis: Synthesis of Pyrazole Derivatives via Formal [4 + 1] Annulation and Aromatization. *Organic Letters*, **2017**, 19, 214-217	6.2	44
62	Synthesis of Quinolines through Three-Component Cascade Annulation of Aryl Diazonium Salts, Nitriles, and Alkynes. *Journal of Organic Chemistry*, **2017**, 82, 770-775	4.2	32
61	Radical Alkylation of Imines with 4-Alkyl-1,4-dihydropyridines Enabled by Photoredox/Br□sted Acid Cocatalysis. *Journal of Organic Chemistry*, **2017**, 82, 9995-10006	4.2	56
60	Selective reduction of carboxylic acids to aldehydes with hydrosilane via photoredox catalysis. *Chemical Communications*, **2017**, 53, 10228-10231	5.8	26
59	Aggregation-induced visible light absorption makes reactant 1,2-diisocyanoarenes act as photosensitizers in double radical isocyanide insertions. *Physical Chemistry Chemical Physics*, **2017**, 19, 31443-31451	3.6	5
58	Synthesis of Tetrasubstituted Furans by Using Photoredox-Catalyzed Coupling of 2-Bromo-1,3-dicarbonyl Compounds with Silyl Enol Ethers. *Asian Journal of Organic Chemistry*, **2017**, 6, 414-417	3	11
57	Halogen-Bond-Promoted Radical Isocyanide Insertion of o-Diisocyanoarenes with Perfluoroalkyl Bromides under Visible Light Irradiation. *Acta Chimica Sinica*, **2017**, 75, 115	3.3	7
56	Halogen-Bond-Promoted Double Radical Isocyanide Insertion under Visible-Light Irradiation: Synthesis of 2-Fluoroalkylated Quinoxalines. *Organic Letters*, **2016**, 18, 4638-41	6.2	131

55	Visible-Light-Promoted and Photoredox-Catalyzed Radical Addition to Triple Bonds. *Synlett*, **2016**, 27, 2659-2675	2.2	22
54	Synthesis of Tetracyclic Quinazolinones Using a Visible-Light-Promoted Radical Cascade Approach. *Journal of Organic Chemistry*, **2016**, 81, 7276-81	4.2	37
53	Synthesis of biaryl sultams using visible-light-promoted denitrogenative cyclization of 1,2,3,4-benzothiatriazine-1,1-dioxides. *Organic Chemistry Frontiers*, **2016**, 3, 953-956	5.2	18
52	Visible-light-promoted and photocatalyst-free trifluoromethylation of enamides. *Science China Chemistry*, **2016**, 59, 195-198	7.9	29
51	Synthesis of Polysubstituted (Hetero)aromatic Compounds Using Visible-Light-Promoted Radical Triple Bond Insertions. *Chinese Journal of Organic Chemistry*, **2016**, 36, 239	3	14
50	Hydrotrifluoromethylation of Unactivated Alkenes and Alkynes Enabled by an Electron-Donor-Acceptor Complex of Togni® Reagent with a Tertiary Amine. *Organic Letters*, **2016**, 18, 2962-5	6.2	105
49	Synthesis of furo[3,2-c]coumarin derivatives using visible-light-promoted radical alkyne insertion with bromocoumarins. *Organic and Biomolecular Chemistry*, **2016**, 14, 6065-70	3.9	25
48	Visible-Light-Induced Direct Oxidative C-H Amidation of Heteroarenes with Sulfonamides. *Chemistry - A European Journal*, **2016**, 22, 15669-15673	4.8	53
47	A Single Electron Transfer (SET) Approach to C-H Amidation of Hydrazones via Visible-Light Photoredox Catalysis. *Organic Letters*, **2016**, 18, 5356-5359	6.2	28
46	Visible-light-promoted iminyl radical formation from vinyl azides: synthesis of 6-(fluoro)alkylated phenanthridines. *Chemical Communications*, **2016**, 52, 10898-901	5.8	70
45	Visible-light-promoted remote C(sp(3))-H amidation and chlorination. *Organic Letters*, **2015**, 17, 1894-7	6.2	157
44	Direct Aromatic C-H Trifluoromethylation via an Electron-Donor-Acceptor Complex. *Chemistry - A European Journal*, **2015**, 21, 8355-9	4.8	90
43	Visible-light-promoted and one-pot synthesis of phenanthridines and quinolines from aldehydes and O-acyl hydroxylamine. *Organic Letters*, **2015**, 17, 2692-5	6.2	116
42	Direct Synthesis of Nitriles from Aldehydes Using an O-Benzoyl Hydroxylamine (BHA) as the Nitrogen Source. *Organic Letters*, **2015**, 17, 5064-7	6.2	46
41	Synthesis of Isoquinolones Using Visible-Light-Promoted Denitrogenative Alkyne Insertion of 1,2,3-Benzotriazinones. *Organic Letters*, **2015**, 17, 4272-5	6.2	51
40	Visible-light-promoted chloramination of olefins with N-chlorosulfonamide as both nitrogen and chlorine sources. *Organic and Biomolecular Chemistry*, **2015**, 13, 10295-8	3.9	45
39	Synthesis of ortho-(Fluoro)alkylated Pyridines via Visible Light-Promoted Radical Isocyanide Insertion. *Advanced Synthesis and Catalysis*, **2015**, 357, 3681-3686	5.6	38
38	Visible-Light-Promoted Iminyl-Radical Formation from Acyl Oximes: A Unified Approach to Pyridines, Quinolines, and Phenanthridines. *Angewandte Chemie*, **2015**, 127, 4127-4131	3.6	83

37	Enantioselective synthesis of benzoindolizidine derivatives using chiral phase-transfer catalytic intramolecular domino aza-Michael addition/alkylation. *Organic and Biomolecular Chemistry*, **2015**, 13, 1179-86	3.9	20
36	Visible-light-promoted iminyl-radical formation from acyl oximes: a unified approach to pyridines, quinolines, and phenanthridines. *Angewandte Chemie - International Edition*, **2015**, 54, 4055-9	16.4	269
35	Diastereoselective synthesis of epoxide-fused benzoquinolizidine derivatives using intramolecular domino aza-Michael addition/Darzens reaction. *Organic and Biomolecular Chemistry*, **2014**, 12, 265-8	3.9	13
34	Regiospecific Synthesis of 1-Trifluoromethylisoquinolines Enabled by Photoredox Somophilic Vinyl Isocyanide Insertion. *Advanced Synthesis and Catalysis*, **2014**, 356, 2859-2866	5.6	53
33	Synthesis of isoquinolines via visible light-promoted insertion of vinyl isocyanides with diaryliodonium salts. *Chemical Communications*, **2014**, 50, 6164-7	5.8	97
32	Enantioselective synthesis of 3-substituted 1,2-oxazinanes via organocatalytic intramolecular aza-Michael addition. *Organic and Biomolecular Chemistry*, **2014**, 12, 8607-10	3.9	16
31	Visible-light-mediated fluoroalkylation of isocyanides with ethyl bromofluoroacetates: unified synthesis of mono- and difluoromethylated phenanthridine derivatives. *Organic Letters*, **2014**, 16, 2938-41	6.2	208
30	Visible-light-promoted redox neutral C-H amidation of heteroarenes with hydroxylamine derivatives. *Organic Letters*, **2014**, 16, 3504-7	6.2	126
29	Somophilic Isocyanide Insertion: Synthesis of 6-Arylated and 6-Trifluoro□methylated Phenanthridines. *Synthesis*, **2014**, 46, 2711-2726	2.9	23
28	Synthesis of Fused Quinoline and Quinoxaline Derivatives Enabled by Domino Radical Triple Bond Insertions. *Asian Journal of Organic Chemistry*, **2014**, 3, 1317-1325	3	24
27	Enantioselective Synthesis of Azaflavanones Using Organocatalytic 6-endo Aza-Michael Addition. *Advanced Synthesis and Catalysis*, **2014**, 356, 982-986	5.6	24
26	Sulfonation and Trifluoromethylation of Enol Acetates with Sulfonyl Chlorides Using Visible-Light Photoredox Catalysis. *European Journal of Organic Chemistry*, **2013**, 2013, 5485-5492	3.2	115
25	De novo synthesis of polysubstituted naphthols and furans using photoredox neutral coupling of alkynes with 2-bromo-1,3-dicarbonyl compounds. *Organic Letters*, **2013**, 15, 4884-7	6.2	94
24	Isocyanide insertion: de novo synthesis of trifluoromethylated phenanthridine derivatives. *Organic Letters*, **2013**, 15, 5520-3	6.2	97
23	Enantioselective synthesis of 2-substituted pyrrolidines via domino cross metathesis/intramolecular aza-Michael addition. *RSC Advances*, **2013**, 3, 1666-1668	3.7	23
22	C?H Functionalization of Enamides: Synthesis of □Amidovinyl Sulfones via Visible-Light Photoredox Catalysis. *Advanced Synthesis and Catalysis*, **2013**, 355, 809-813	5.6	52
21	Synthesis of 6-alkylated phenanthridine derivatives using photoredox neutral somophilic isocyanide insertion. *Angewandte Chemie - International Edition*, **2013**, 52, 13289-92	16.4	232
20	Synthesis of 6-Alkylated Phenanthridine Derivatives Using Photoredox Neutral Somophilic Isocyanide Insertion. *Angewandte Chemie*, **2013**, 125, 13531-13534	3.6	38

19	Copper-catalyzed desymmetric intramolecular Ullmann C-N coupling: an enantioselective preparation of indolines. *Journal of the American Chemical Society*, **2012**, 134, 14326-9	16.4	82
18	Direct C-H functionalization of enamides and enecarbamates by using visible-light photoredox catalysis. *Chemistry - A European Journal*, **2012**, 18, 15158-66	4.8	149
17	Enantioselective Synthesis of Cryptopleurine and Boehmeriasin A via Organocatalytic Intramolecular Aza-Michael Addition. *Synlett*, **2012**, 23, 2251-2254	2.2	3
16	Synthetic studies toward galbulimima alkaloid (-)-GB 13 and (+)-GB 16 and (-)-himgaline. *Chemistry - an Asian Journal*, **2011**, 6, 573-9	4.5	9
15	Reinvestigation on total synthesis of kaitocephalin and its isomers. *Tetrahedron*, **2011**, 67, 1673-1680	2.4	15
14	Total synthesis and cytotoxicity of bisebromoamide and its analogues. *Tetrahedron Letters*, **2011**, 52, 2124-2127	2	17
13	Unified synthesis of enantiopure h, h and ,3-amino acids. *Chemical Science*, **2010**, 1, 637	9.4	30
12	Asymmetric synthesis of enantiopure isoxazolidinone monomers for the synthesis of bligopeptides by chemoselective amide ligation. *Tetrahedron*, **2010**, 66, 4841-4853	2.4	27
11	Organocatalytic Michael Addition of Aldehydes to Protected 2-Amino-1-Nitroethenes: The Practical Syntheses of Oseltamivir (Tamiflu) and Substituted 3-Aminopyrrolidines. *Angewandte Chemie*, **2010**, 122, 4760-4764	3.6	31
10	A Convergent Route to the Galbulimima Alkaloids (-)-GB 13 and (+)-GB 16. *Angewandte Chemie*, **2010**, 122, 6023-6026	3.6	18
9	Organocatalytic Michael addition of aldehydes to protected 2-amino-1-nitroethenes: the practical syntheses of oseltamivir (Tamiflu) and substituted 3-aminopyrrolidines. *Angewandte Chemie - International Edition*, **2010**, 49, 4656-60	16.4	135
8	A convergent route to the Galbulimima alkaloids (-)-GB 13 and (+)-GB 16. *Angewandte Chemie - International Edition*, **2010**, 49, 5887-90	16.4	41
7	Highly efficient catalytic system for enantioselective Michael addition of aldehydes to nitroalkenes in water. *Angewandte Chemie - International Edition*, **2008**, 47, 545-8	16.4	243
6	Highly Efficient Catalytic System for Enantioselective Michael Addition of Aldehydes to Nitroalkenes in Water. *Angewandte Chemie*, **2008**, 120, 555-558	3.6	85
5	Enantioselective addition of activated terminal alkynes to 1-acylpyridinium salts catalyzed by Cu-Bis(oxazoline) complexes. *Journal of the American Chemical Society*, **2007**, 129, 9300-1	16.4	165
4	Asymmetric total syntheses of marine cyclic depsipeptide halipeptins A-D. *Chemistry - A European Journal*, **2006**, 12, 6572-84	4.8	32
3	A flexible route to immunosuppressive agent FR252921. Asymmetric total synthesis of its (13R,14R,19R)-isomer. *Tetrahedron Letters*, **2006**, 47, 9155-9157	2	16
2	Total Synthesis of Halipeptin A: A Potent Antiinflammatory Cyclic Depsipeptide. *Angewandte Chemie*, **2005**, 117, 137-140	3.6	17

1	Total synthesis of halipeptin A: a potent antiinflammatory cyclic depsipeptide. *Angewandte Chemie - International Edition*, **2004**, 44, 135-8	16.4	50