

Shouyun Yu

List of Publications by Citations

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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	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, 4055-9	16.4	269
107	Highly efficient catalytic system for enantioselective Michael addition of aldehydes to nitroalkenes in water. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 545-8	16.4	243
106	Synthesis of 6-alkylated phenanthridine derivatives using photoredox neutral somophilic isocyanide insertion. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13289-92	16.4	232
105	Visible-light-mediated fluoroalkylation of isocyanides with ethyl bromofluoroacetates: unified synthesis of mono- and difluoromethylated phenanthridine derivatives. <i>Organic Letters</i> , 2014 , 16, 2938-41	6.2	208
104	Distal radical migration strategy: an emerging synthetic means. <i>Chemical Society Reviews</i> , 2018 , 47, 654-667	6.7	195
103	Enantioselective addition of activated terminal alkynes to 1-acylpyridinium salts catalyzed by Cu-Bis(oxazoline) complexes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9300-1	16.4	165
102	Visible-light-promoted remote C(sp ³)-H amidation and chlorination. <i>Organic Letters</i> , 2015 , 17, 1894-7	6.2	157
101	Direct C-H functionalization of enamides and enecarbamates by using visible-light photoredox catalysis. <i>Chemistry - A European Journal</i> , 2012 , 18, 15158-66	4.8	149
100	Organocatalytic Michael addition of aldehydes to protected 2-amino-1-nitroethenes: the practical syntheses of oseltamivir (Tamiflu) and substituted 3-aminopyrrolidines. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4656-60	16.4	135
99	Halogen-Bond-Promoted Double Radical Isocyanide Insertion under Visible-Light Irradiation: Synthesis of 2-Fluoroalkylated Quinoxalines. <i>Organic Letters</i> , 2016 , 18, 4638-41	6.2	131
98	Visible-light-promoted redox neutral C-H amidation of heteroarenes with hydroxylamine derivatives. <i>Organic Letters</i> , 2014 , 16, 3504-7	6.2	126
97	Visible-light-promoted and one-pot synthesis of phenanthridines and quinolines from aldehydes and O-acyl hydroxylamine. <i>Organic Letters</i> , 2015 , 17, 2692-5	6.2	116
96	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	3.2	115
95	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	16.4	115
94	Hydrotrifluoromethylation of Unactivated Alkenes and Alkynes Enabled by an Electron-Donor-Acceptor Complex of Togni® Reagent with a Tertiary Amine. <i>Organic Letters</i> , 2016 , 18, 2962-5	6.2	105
93	Synthesis of isoquinolines via visible light-promoted insertion of vinyl isocyanides with diaryliodonium salts. <i>Chemical Communications</i> , 2014 , 50, 6164-7	5.8	97
92	Isocyanide insertion: de novo synthesis of trifluoromethylated phenanthridine derivatives. <i>Organic Letters</i> , 2013 , 15, 5520-3	6.2	97

91	Photoredox-Catalyzed Intermolecular Remote C-H and C-C Vinylation via Iminyl Radicals. <i>Organic Letters</i> , 2018 , 20, 5523-5527	6.2	96
90	Radical Alkynyltrifluoromethylation of Alkenes Initiated by an Electron Donor-Acceptor Complex. <i>Organic Letters</i> , 2017 , 19, 1240-1243	6.2	95
89	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, 4884-7	6.2	94
88	Direct Aromatic C-H Trifluoromethylation via an Electron-Donor-Acceptor Complex. <i>Chemistry - A European Journal</i> , 2015 , 21, 8355-9	4.8	90
87	Highly Efficient Catalytic System for Enantioselective Michael Addition of Aldehydes to Nitroalkenes in Water. <i>Angewandte Chemie</i> , 2008 , 120, 555-558	3.6	85
86	Visible-Light-Promoted Iminyl-Radical Formation from Acyl Oximes: A Unified Approach to Pyridines, Quinolines, and Phenanthridines. <i>Angewandte Chemie</i> , 2015 , 127, 4127-4131	3.6	83
85	Copper-catalyzed desymmetric intramolecular Ullmann C-N coupling: an enantioselective preparation of indolines. <i>Journal of the American Chemical Society</i> , 2012 , 134, 14326-9	16.4	82
84	A review of enantioselective dual transition metal/photoredox catalysis. <i>Science China Chemistry</i> , 2020 , 63, 637-647	7.9	70
83	Visible-light-promoted iminyl radical formation from vinyl azides: synthesis of 6-(fluoro)alkylated phenanthridines. <i>Chemical Communications</i> , 2016 , 52, 10898-901	5.8	70
82	Radical Alkylation of Imines with 4-Alkyl-1,4-dihydropyridines Enabled by Photoredox/Brønsted Acid Cocatalysis. <i>Journal of Organic Chemistry</i> , 2017 , 82, 9995-10006	4.2	56
81	Enantioselective Radical Hydroacylation of Enals with β -Ketoacids Enabled by Photoredox/Amine Cocatalysis. <i>Organic Letters</i> , 2019 , 21, 913-916	6.2	54
80	Regiospecific Synthesis of 1-Trifluoromethylisoquinolines Enabled by Photoredox Somophilic Vinyl Isocyanide Insertion. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 2859-2866	5.6	53
79	Visible-Light-Induced Direct Oxidative C-H Amidation of Heteroarenes with Sulfonamides. <i>Chemistry - A European Journal</i> , 2016 , 22, 15669-15673	4.8	53
78	C-H Functionalization of Enamides: Synthesis of β -Amidovinyl Sulfones via Visible-Light Photoredox Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 809-813	5.6	52
77	Primary, Secondary, and Tertiary β (sp)-H Vinylation of Amides via Organic Photoredox-Catalyzed Hydrogen Atom Transfer. <i>Organic Letters</i> , 2018 , 20, 6255-6259	6.2	52
76	Functionalization of C-H Bonds by Photoredox Catalysis. <i>Chemical Record</i> , 2017 , 17, 754-774	6.6	51
75	Synthesis of Isoquinolones Using Visible-Light-Promoted Denitrogenative Alkyne Insertion of 1,2,3-Benzotriazinones. <i>Organic Letters</i> , 2015 , 17, 4272-5	6.2	51
74	Total synthesis of halipeptin A: a potent antiinflammatory cyclic depsipeptide. <i>Angewandte Chemie - International Edition</i> , 2004 , 44, 135-8	16.4	50

73	Photoredox-Catalyzed Diamidation and Oxidative Amidation of Alkenes: Solvent-Enabled Synthesis of 1,2-Diamides and β -Amino Ketones. <i>Organic Letters</i> , 2017 , 19, 2909-2912	6.2	46
72	Direct Synthesis of Nitriles from Aldehydes Using an O-Benzoyl Hydroxylamine (BHA) as the Nitrogen Source. <i>Organic Letters</i> , 2015 , 17, 5064-7	6.2	46
71	Visible-light-promoted chloramination of olefins with N-chlorosulfonamide as both nitrogen and chlorine sources. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 10295-8	3.9	45
70	Relay Visible-Light Photoredox Catalysis: Synthesis of Pyrazole Derivatives via Formal [4 + 1] Annulation and Aromatization. <i>Organic Letters</i> , 2017 , 19, 214-217	6.2	44
69	Remote C-C bond formation via visible light photoredox-catalyzed intramolecular hydrogen atom transfer. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 4519-4532	3.9	42
68	Photoredox-Catalyzed Hydroacylation of Olefins Employing Carboxylic Acids and Hydrosilanes. <i>Organic Letters</i> , 2017 , 19, 3430-3433	6.2	41
67	Visible-light-induced iminyl radical formation via electron-donor-acceptor complexes: a photocatalyst-free approach to phenanthridines and quinolines. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 977-981	5.2	41
66	A convergent route to the Galbulimima alkaloids (-)-GB 13 and (+)-GB 16. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5887-90	16.4	41
65	Photoredox-catalyzed C(sp ²) N coupling reactions. <i>Tetrahedron Letters</i> , 2018 , 59, 1605-1613	2	39
64	Visible light-induced aryltrifluoromethylation of hydroxy alkenes via radical trifluoromethylation-triggered aryl and heteroaryl migration. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2224-2228	5.2	38
63	Synthesis of ortho-(Fluoro)alkylated Pyridines via Visible Light-Promoted Radical Isocyanide Insertion. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3681-3686	5.6	38
62	Synthesis of 6-Alkylated Phenanthridine Derivatives Using Photoredox Neutral Somophilic Isocyanide Insertion. <i>Angewandte Chemie</i> , 2013 , 125, 13531-13534	3.6	38
61	Synthesis of Tetracyclic Quinazolinones Using a Visible-Light-Promoted Radical Cascade Approach. <i>Journal of Organic Chemistry</i> , 2016 , 81, 7276-81	4.2	37
60	Visible-Light-Induced Radical Acylation of Imines with β -Ketoacids Enabled by Electron-Donor-Acceptor Complexes. <i>Organic Letters</i> , 2019 , 21, 3711-3715	6.2	34
59	Photoredox-Induced Radical Relay toward Functionalized β -Amino Alcohol Derivatives. <i>Organic Letters</i> , 2018 , 20, 401-404	6.2	34
58	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	4.2	32
57	Asymmetric total syntheses of marine cyclic depsipeptide halipeptins A-D. <i>Chemistry - A European Journal</i> , 2006 , 12, 6572-84	4.8	32
56	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	3	32

55	Organocatalytic Michael Addition of Aldehydes to Protected 2-Amino-1-Nitroethenes: The Practical Syntheses of Oseltamivir (Tamiflu) and Substituted 3-Aminopyrrolidines. <i>Angewandte Chemie</i> , 2010 , 122, 4760-4764	3.6	31
54	Site-selective remote C(sp)-H heteroarylation of amides via organic photoredox catalysis. <i>Nature Communications</i> , 2019 , 10, 4743	17.4	30
53	Unified synthesis of enantiopure α , β h and α , β ,3-amino acids. <i>Chemical Science</i> , 2010 , 1, 637	9.4	30
52	Visible-light-promoted and photocatalyst-free trifluoromethylation of enamides. <i>Science China Chemistry</i> , 2016 , 59, 195-198	7.9	29
51	A Single Electron Transfer (SET) Approach to C-H Amidation of Hydrazones via Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , 2016 , 18, 5356-5359	6.2	28
50	Asymmetric synthesis of enantiopure isoxazolidinone monomers for the synthesis of β ligopeptides by chemoselective amide ligation. <i>Tetrahedron</i> , 2010 , 66, 4841-4853	2.4	27
49	Selective reduction of carboxylic acids to aldehydes with hydrosilane via photoredox catalysis. <i>Chemical Communications</i> , 2017 , 53, 10228-10231	5.8	26
48	Enantioselective β Allylation of Anilines Enabled by a Combined Palladium and Photoredox Catalytic System. <i>ACS Catalysis</i> , 2020 , 10, 4710-4716	13.1	25
47	Synthesis of furo[3,2-c]coumarin derivatives using visible-light-promoted radical alkyne insertion with bromocoumarins. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 6065-70	3.9	25
46	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	3	24
45	Enantioselective Synthesis of Azaflavanones Using Organocatalytic 6-endo Aza-Michael Addition. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 982-986	5.6	24
44	Enantioselective Remote C(sp)-H Cyanation via Dual Photoredox and Copper Catalysis. <i>Organic Letters</i> , 2020 , 22, 5910-5914	6.2	24
43	Enantioselective synthesis of 2-substituted pyrrolidines via domino cross metathesis/intramolecular aza-Michael addition. <i>RSC Advances</i> , 2013 , 3, 1666-1668	3.7	23
42	Somophilic Isocyanide Insertion: Synthesis of 6-Arylated and 6-Trifluoro α methylated Phenanthridines. <i>Synthesis</i> , 2014 , 46, 2711-2726	2.9	23
41	Visible-Light-Promoted and Photoredox-Catalyzed Radical Addition to Triple Bonds. <i>Synlett</i> , 2016 , 27, 2659-2675	2.2	22
40	Enantioselective synthesis of benzoindolizidine derivatives using chiral phase-transfer catalytic intramolecular domino aza-Michael addition/alkylation. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1179-86	3.9	20
39	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	4.7	19
38	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	5.2	18

37	A Convergent Route to the Galbulimima Alkaloids (±)-GB 13 and (+)-GB 16. <i>Angewandte Chemie</i> , 2010 , 122, 6023-6026	3.6	18
36	Total synthesis and cytotoxicity of bisebromoamide and its analogues. <i>Tetrahedron Letters</i> , 2011 , 52, 2124-2127	2	17
35	Total Synthesis of Halipeptin A: A Potent Antiinflammatory Cyclic Depsipeptide. <i>Angewandte Chemie</i> , 2005 , 117, 137-140	3.6	17
34	Advances on Transition Metals and Photoredox Cooperatively Catalyzed Allylic Substitutions. <i>Acta Chimica Sinica</i> , 2019 , 77, 832	3.3	17
33	Enantioselective synthesis of 3-substituted 1,2-oxazinanes via organocatalytic intramolecular aza-Michael addition. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 8607-10	3.9	16
32	A flexible route to immunosuppressive agent FR252921. Asymmetric total synthesis of its (13R,14R,19R)-isomer. <i>Tetrahedron Letters</i> , 2006 , 47, 9155-9157	2	16
31	Diastereoselective and Stereodivergent Synthesis of 2-Cinnamylpyrrolines Enabled by Photoredox-Catalyzed Iminoalkenylation of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9672-9679	16.4	16
30	Stereodivergent Synthesis of β -Aminomethyl Cinnamyl Ethers via Photoredox-Catalyzed Radical Relay Reaction. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 1147-1150	4.9	16
29	Metal-free chloroamidation of indoles with sulfonamides and NaClO. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 1354-1357	5.2	15
28	Reinvestigation on total synthesis of kaitocephalin and its isomers. <i>Tetrahedron</i> , 2011 , 67, 1673-1680	2.4	15
27	Photocatalytic Isomerization of Styrenyl Halides: Stereodivergent Synthesis of Functionalized Alkenes. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 1472-1477	3.2	15
26	Photoredox/palladium-cocatalyzed enantioselective alkylation of secondary benzyl carbonates with 4-alkyl-1,4-dihydropyridines. <i>Science China Chemistry</i> , 2020 , 63, 687-691	7.9	15
25	Synthesis of Polysubstituted (Hetero)aromatic Compounds Using Visible-Light-Promoted Radical Triple Bond Insertions. <i>Chinese Journal of Organic Chemistry</i> , 2016 , 36, 239	3	14
24	Diastereoselective synthesis of epoxide-fused benzoquinolizidine derivatives using intramolecular domino aza-Michael addition/Darzens reaction. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 265-8	3.9	13
23	Visible Light-Promoted Isomerization of Alkenes. <i>Chinese Journal of Organic Chemistry</i> , 2019 , 39, 95	3	13
22	Synthesis of Tetrasubstituted Furans by Using Photoredox-Catalyzed Coupling of 2-Bromo-1,3-dicarbonyl Compounds with Silyl Enol Ethers. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 414-417	3	11
21	Role of complexation in the photochemical reduction of chromate by acetylacetone. <i>Journal of Hazardous Materials</i> , 2020 , 400, 123306	12.8	9
20	Synthetic studies toward galbulimima alkaloid (-)-GB 13 and (+)-GB 16 and (-)-himgaline. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 573-9	4.5	9

19	NaClO-Promoted Atroposelective Couplings of 3-Substituted Indoles with Amino Acid Derivatives. <i>Organic Letters</i> , 2019 , 21, 4754-4758	6.2	8
18	Atroposelective Haloamidation of Indoles with Amino Acid Derivatives and Hypohalides. <i>Organic Letters</i> , 2019 , 21, 8819-8823	6.2	8
17	Photoinduced and Palladium-Catalyzed Remote Desaturation of Amide Derivatives. <i>Organic Letters</i> , 2021 , 23, 6931-6935	6.2	8
16	Halogen-Bond-Promoted Radical Isocyanide Insertion of o-Diisocyanoarenes with Perfluoroalkyl Bromides under Visible Light Irradiation. <i>Acta Chimica Sinica</i> , 2017 , 75, 115	3.3	7
15	Access to Cyanoimines Enabled by Dual Photoredox/Copper-Catalyzed Cyanation of -Acyl Oximes. <i>Organic Letters</i> , 2020 , 22, 7315-7320	6.2	7
14	Photoredox-Catalyzed Stereoselective Synthesis of C-Nucleoside Analogues from Glycosyl Bromides and Heteroarenes. <i>ACS Catalysis</i> , 2021 , 11, 9397-9406	13.1	6
13	Enantioselective Reductive Homocoupling of Allylic Acetates Enabled by Dual Photoredox/Palladium Catalysis: Access to -Symmetrical 1,5-Dienes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 12836-12846	16.4	6
12	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	3.6	5
11	Regio- and Enantioselective Decarboxylative Allylic Benzylolation Enabled by Dual Palladium/Photoredox Catalysis. <i>ACS Catalysis</i> , 2022 , 12, 1428-1432	13.1	5
10	Synthesis of Chiral Fluorides by Sequential Organocatalyzed Desymmetrization of Glutaric Anhydrides and Photoredox-Catalyzed Decarboxylic Fluorination. <i>Synlett</i> , 2021 , 32, 391-394	2.2	5
9	Photoredox-Catalyzed Radical Relay Reaction Toward Functionalized Vicinal Diamines. <i>Synthesis</i> , 2018 , 50, 3387-3394	2.9	4
8	Diastereoselective and Stereodivergent Synthesis of 2-Cinnamylpyrrolines Enabled by Photoredox-Catalyzed Iminoalkenylation of Alkenes. <i>Angewandte Chemie</i> , 2021 , 133, 9758-9765	3.6	4
7	Enantioselective Synthesis of Cryptopleurine and Boehmeriasin A via \square Organocatalytic Intramolecular Aza-Michael Addition. <i>Synlett</i> , 2012 , 23, 2251-2254	2.2	3
6	Asymmetric synthesis of atropisomeric compounds with C–N chiral axis. <i>Scientia Sinica Chimica</i> , 2020 , 50, 509-525	1.6	3
5	Enantioselective Radical S ₂ -Type Alkylation of Morita-Baylis-Hillman Adducts Using Dual Photoredox/Palladium Catalysis. <i>Organic Letters</i> , 2021 , 23, 8322-8326	6.2	3
4	Enantioselective Radical Functionalization of Imines and Iminium Intermediates via Visible-Light Photoredox Catalysis. <i>Synthesis</i> , 2021 , 53, 1706-1718	2.9	3
3	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	2.4	2
2	Synthesis of Chiral Unnatural \square Amino Acids Enabled by Photoredox/Brønsted Acid Cocatalysis. <i>Chinese Journal of Organic Chemistry</i> , 2021 , 41, 1744	3	0

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