

Jun Xuan

List of Publications by Year in descending order

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papers

6,960
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101543

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4196
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligand Modification of Au ₂₅ Nanoclusters for Near-Infrared Photocatalytic Oxidative Functionalization. <i>Journal of the American Chemical Society</i> , 2022, 144, 3787-3792.	13.7	45
2	Enabling Cyclopropanation Reactions of Imidazole Heterocycles via Chemoselective Photochemical Carbene Transfer Reactions of NHC-Boranes. <i>Organic Letters</i> , 2022, 24, 2232-2237.	4.6	21
3	Carbon-oxygen bond formation via visible-light-induced O-H insertion between acylsilanes and oximes. <i>Green Synthesis and Catalysis</i> , 2022, 3, 194-197.	6.8	16
4	Photochemical Synthesis of Aroylated Heterocycles under Catalyst and Additive Free Conditions. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 923.	1.3	10
5	Transition-Metal-Free Domino Reaction of [60]Fullerene, Indole, and DMSO/HCl: One-Pot Access to Diverse N-Substituted [60]Fulleroindole Derivatives. <i>Journal of Organic Chemistry</i> , 2022, 87, 7945-7954.	3.2	3
6	Visible-Light-Promoted Polysubstituted Olefins Synthesis Involving Sulfur Ylides as Carbene Trapping Reagents. <i>Journal of Organic Chemistry</i> , 2021, 86, 1012-1022.	3.2	36
7	Transition-metal-free synthesis of 1,4-benzoxazepines via [4+3]-cycloaddition of para-quinone methides with azaoxyallyl cations. <i>Science China Chemistry</i> , 2021, 64, 61-65.	8.2	23
8	Synthesis of trisubstituted hydroxylamines by a visible light-promoted multicomponent reaction. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5982-5987.	4.5	33
9	An Umpolung Relay Strategy: One-Pot, Twice Polarity Inversion Cascade Synthesis of Diversified [60]Fulleroindoles. <i>Organic Letters</i> , 2021, 23, 1302-1308.	4.6	17
10	Divergent Synthesis of Aziridine and Imidazolidine Frameworks under Blue LED Irradiation. <i>Organic Letters</i> , 2021, 23, 4109-4114.	4.6	53
11	Visible Light-Promoted Sulfoxonium Ylides Synthesis from Aryl Diazoacetates and Sulfoxides. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1646-1650.	4.9	29
12	Visible-light-promoted nitron synthesis from nitrosoarenes under catalyst- and additive-free conditions. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 823-829.	2.9	13
13	Visible light and base promoted O-H insertion/cyclization of para-quinone methides with aryl diazoacetates: An approach to 2,3-dihydrobenzofuran derivatives. <i>Chinese Chemical Letters</i> , 2021, 32, 2577-2581.	9.0	42
14	Oxime Ether Synthesis through O-H Functionalization of Oximes with Diazo Esters under Blue LED Irradiation. <i>Organic Letters</i> , 2021, 23, 6951-6955.	4.6	48
15	One-pot, three-component regioselective coupling reaction of triphenylamine/carbazole derivatives with [60]fullerene and indoles via an Umpolung relay strategy. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5994-5999.	4.5	8
16	Nitrogen and chlorine co-doped carbon dots with synchronous excitation of multiple luminescence centers for blue-white emission. <i>New Journal of Chemistry</i> , 2021, 45, 7056-7059.	2.8	7
17	Visible Light-Promoted Amide Bond Formation via One-Pot Nitron in Situ Formation/Rearrangement Cascade. <i>CCS Chemistry</i> , 2021, 3, 2764-2771.	7.8	36
18	Direct Photoexcitation of Benzothiazolines: Acyl Radical Generation and Application to Access Heterocycles. <i>Molecules</i> , 2021, 26, 6843.	3.8	6

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19	Visible Light-Promoted Transformation of Diazo Compounds via the Formation of Free Carbene as Key Intermediate. Chinese Journal of Organic Chemistry, 2021, 41, 4565.	1.3	56
20	[4+2] Cycloaddition of <i>para</i> -Quinone Methides with Hexahydro-1,3,5-Triazines: Access to 1,3-Benzoxazine Derivatives. Advanced Synthesis and Catalysis, 2020, 362, 523-527.	4.3	45
21	BI-OAc-Accelerated C ³ -H Alkylation of Quinoxalin-2(1 <i>H</i>)-ones under Visible-Light Irradiation. Organic Letters, 2020, 22, 5984-5989.	4.6	101
22	Visible light-promoted ring-opening functionalization of three-membered carbo- and heterocycles. Chemical Society Reviews, 2020, 49, 2546-2556.	38.1	145
23	Potassium salt promoted regioselective three-component coupling synthesis of 1,4-asymmetrical [60]fullerene bisadducts with superior electron transport properties. Chemical Communications, 2020, 56, 9513-9516.	4.1	9
24	Photoredox Catalyst Free, Visible Light-Promoted C ³ -H Acylation of Quinoxalin-2(1 <i>H</i>)-ones in Water. Advanced Synthesis and Catalysis, 2020, 362, 2178-2182.	4.3	76
25	Visible-Light-Promoted Cascade Radical Cyclization: Synthesis of 1,4-Diketones Containing Chroman-4-One Skeletons. Chemistry - an Asian Journal, 2019, 14, 3269-3273.	3.3	66
26	Electron Donor-Acceptor Complex Enabled Decarboxylative Sulfonylation of Cinnamic Acids under Visible-Light Irradiation. Journal of Organic Chemistry, 2019, 84, 8691-8701.	3.2	52
27	[3+2] Cycloaddition of Azaoxyallyl Cations with Cyclopropanones and Cyclopropanethiones: Synthesis of Spirocyclic Oxazole and Thiazole Derivatives. Asian Journal of Organic Chemistry, 2019, 8, 1376-1379.	2.7	18
28	[3 + 2]-Cycloaddition of 2 <i>H</i> -Azirines with Nitrosoarenes: Visible-Light-Promoted Synthesis of 2,5-Dihydro-1,2,4-oxadiazoles. Organic Letters, 2019, 21, 4234-4238.	4.6	64
29	Visible light-mediated C P bond formation reactions. Science Bulletin, 2019, 64, 337-350.	9.0	152
30	Transition-Metal Free Construction of Isoquinoline-Fused Triazines Containing Alkenyl C-X Bonds. Advanced Synthesis and Catalysis, 2019, 361, 1230-1235.	4.3	44
31	Advances in heterocycle synthesis <i>via</i> [3+ <i>m</i>]-cycloaddition reactions involving an azaoxyallyl cation as the key intermediate. Chemical Communications, 2018, 54, 5154-5163.	4.1	87
32	Arylsulfonyl Radical Triggered 1,6-Enyne Cyclization: Synthesis of β -Lactams Containing Alkenyl C-X Bonds. Organic Letters, 2018, 20, 449-452.	4.6	85
33	KO ^t Bu-Promoted C ⁴ Selective Coupling Reaction of Phenols and [60]Fullerene: One-Pot Synthesis of 4-[60]Fullerophenols under Transition-Metal-Free Conditions. Journal of Organic Chemistry, 2018, 83, 5431-5437.	3.2	11
34	Silver(I)- and Base-Mediated [3 + 3]-Cycloaddition of <i>C</i> - <i>N</i> -Cyclic Azomethine Imines with Aza-oxyallyl Cations. Organic Letters, 2018, 20, 52-55.	4.6	85
35	Radical Addition/Cyclization Reaction of 2-Vinylanilines with Alkynes: Synthesis of Naphthalenes via Electron Catalysis. Chemistry - an Asian Journal, 2018, 13, 3855-3858.	3.3	9
36	[3+3] Cycloaddition of <i>in Situ</i> Formed Azaoxyallyl Cations with Nitrones: Synthesis of 1,2,4-Oxadiazinan-5-One Derivatives. ChemistrySelect, 2017, 2, 4364-4367.	1.5	20

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37	Radical cascade cyclization of 1,n-enynes and diynes for the synthesis of carbocycles and heterocycles. <i>Chemical Society Reviews</i> , 2017, 46, 4329-4346.	38.1	336
38	Construction of Polycyclic β -Lactams and Related Heterocycles via Electron Catalysis. <i>Organic Letters</i> , 2016, 18, 6372-6375.	4.6	55
39	Radical Cascade Cyclization: Reaction of 1,6-Enynes with Aryl Radicals by Electron Catalysis. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4961-4964.	2.4	28
40	C-H allylation of N-aryl-tetrahydroisoquinolines by merging photoredox catalysis with iodide catalysis. <i>Science China Chemistry</i> , 2016, 59, 171-174.	8.2	19
41	Visible-Light-Induced Decarboxylative Functionalization of Carboxylic Acids and Their Derivatives. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15632-15641.	13.8	655
42	Room Temperature C-N Bond Formation Enabled by Merging Nickel Catalysis and Visible-Light-Induced Photoredox Catalysis. <i>Chemistry - A European Journal</i> , 2015, 21, 4962-4965.	3.3	170
43	[3 + 2] Cycloaddition/Oxidative Aromatization Sequence via Photoredox Catalysis: One-Pot Synthesis of Oxazoles from 2-H-Azirines and Aldehydes. <i>Organic Letters</i> , 2015, 17, 4070-4073.	4.6	120
44	Redox-Neutral β -Allylation of Amines by Combining Palladium Catalysis and Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1625-1628.	13.8	241
45	Visible-Light-Induced Formal [3+2] Cycloaddition for Pyrrole Synthesis under Metal-Free Conditions. <i>Angewandte Chemie</i> , 2014, 126, 5759-5762.	2.0	65
46	De Novo Synthesis of β -Disubstituted Butyrolactones through a Visible Light Photocatalytic Arylation-Lactonization Sequence. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2787-2793.	4.3	74
47	Visible-Light-Induced C-S Bond Activation: Facile Access to 1,4-Diketones from α -Ketosulfones. <i>Chemistry - A European Journal</i> , 2014, 20, 3045-3049.	3.3	80
48	Visible-Light-Induced Formal [3+2] Cycloaddition for Pyrrole Synthesis under Metal-Free Conditions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5653-5656.	13.8	271
49	Synthesis of 2-Substituted Indoles through Visible Light-Induced Photocatalytic Cyclizations of Styryl Azides. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2807-2812.	4.3	62
50	Desulfonylation of Tosyl Amides through Catalytic Photoredox Cleavage of N-S Bond Under Visible-Light Irradiation. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1090-1094.	3.3	56
51	Visible-Light-Driven Photoredox Catalysis in the Construction of Carbocyclic and Heterocyclic Ring Systems. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6755-6770.	2.4	173
52	Room temperature synthesis of isoquino[2,1-a][3,1]oxazine and isoquino[2,1-a]pyrimidine derivatives via visible light photoredox catalysis. <i>RSC Advances</i> , 2012, 2, 4065.	3.6	111
53	Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6828-6838.	13.8	1,973
54	Visible light-induced intramolecular cyclization reactions of diamines: a new strategy to construct tetrahydroimidazoles. <i>Chemical Communications</i> , 2011, 47, 8337.	4.1	164

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55	Allâ€Carbon Tetrasubstituted Olefins Synthesis from Diazo Compounds and Iodonium Ylides under Blue LED Irradiation. <i>Advanced Synthesis and Catalysis</i> , 0, , .	4.3	11