

# Zunting Zhang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Light-Promoted C–N Coupling of Aryl Halides with Nitroarenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5230-5234.	13.8	75
2	Synthesis of 2,5-Dihydrofurans via a Gold(I)-Catalyzed Formal [4 + 1] Cycloaddition of $\alpha$ -Diazoesters and Propargyl Alcohols. <i>Organic Letters</i> , 2015, 17, 5124-5127.	4.6	65
3	Cobalt-Catalysed Asymmetric Addition and Alkylation of Secondary Phosphine Oxides for the Synthesis of <i>P</i> -Stereogenic Compounds. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 27241-27246.	13.8	48
4	Synthesis of Benzoaryl-5-yl(2-hydroxyphenyl)methanones via Photoinduced Rearrangement of ( <i>E</i> )-3-Arylvinyl-4 <i>H</i> -chromen-4-ones. <i>Organic Letters</i> , 2017, 19, 5984-5987.	4.6	44
5	Cascade C–O/C–C/C–N Bond Formation: Metal-Free Reactions of 1,4-Diynes and 1-En-4-yn-3-ones with Isoquinoline and Quinoline <i>N</i> -Oxides. <i>Organic Letters</i> , 2017, 19, 4327-4330.	4.6	38
6	One-Pot Synthesis of $\alpha$ -Heteroaryl- $\beta$ -Substituted Pyrazoles: A Gold-Catalyzed Oxidation/1,2-Heteroaryl Migration Cascade Constitutes the Key Step. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1534-1539.	4.3	34
7	One-pot synthesis of 2 <i>H</i> -phenanthro[9,10- <i>c</i> ]pyrazoles from isoflavones by two dehydration processes. <i>Green Chemistry</i> , 2013, 15, 1048.	9.0	33
8	Transition-Metal-Free Photoinduced Intramolecular Annulation of 2,3-Di(hetero)arylchromen-4-one. <i>Organic Letters</i> , 2017, 19, 3552-3555.	4.6	33
9	Synthesis of Polycyclic Heteroaromatic Coumarins via Photoinduced Dehydrogenative Annulation of 4-Phenyl-3-heteroaryl coumarins. <i>Journal of Organic Chemistry</i> , 2018, 83, 13940-13948.	3.2	28
10	Synthesis of $\alpha$ -(Iso)Quinolinyln- $\beta$ -furanones from (Iso)Quinoline <i>N</i> -oxides and 1,4-Diyn-3-ones: A Comparison of Copper Catalysis and Metal-Free Reaction. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 696-701.	4.3	27
11	Oxidant and Transition-Metal-Free Photoinduced Direct Oxidative Annulation of 1-Aryl-2-(furan/thiophen-2-yl)butane-1,3-diones. <i>Journal of Organic Chemistry</i> , 2017, 82, 12097-12105.	3.2	25
12	Syntheses of Benzofuranoquinolines and Analogues via Photoinduced Acceptorless Dehydrogenative Annulation of <i>o</i> -Phenylfuranylpiperidines. <i>Organic Letters</i> , 2019, 21, 9183-9187.	4.6	24
13	$\pi$ -Expanded Coumarins: One-Pot Photo Synthesis of 5 <i>H</i> -Benzo[12,1]tetrapheno[7,6,5- <i>cde</i> ]chromen-5-ones and Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2020, 85, 3689-3698.	3.2	23
14	Transition-Metal-Free Cross-Coupling of Aryl Halides with Arylstannanes. <i>Journal of Organic Chemistry</i> , 2016, 81, 9422-9427.	3.2	22
15	Synthesis of polybenzoquinazolines via an intramolecular dehydration of photocyclization. <i>Tetrahedron</i> , 2016, 72, 5037-5046.	1.9	22
16	Synthesis and photophysical properties of vertically $\pi$ -expanded coumarins. <i>Dyes and Pigments</i> , 2021, 186, 108956.	3.7	21
17	Gold(I)-Catalyzed Dimerization of $\beta$ -Diazoxyindoles towards Isoindigos. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4475-4478.	2.4	20
18	Synthesis of Dibenzo[ <i>f,h</i> ][1,2,4]triazolo[3,4- <i>b</i> ]quinazolines via a Two-Step Route with Water as the Only By-Product. <i>Synthesis</i> , 2015, 47, 3385-3391.	2.3	19

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19	One-pot synthesis of 3-fluoroflavones via 1-(2-hydroxyphenyl)-3-phenylpropane-1,3-diones and selectfluor at room temperature. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2479-2488.	2.8	17
20	Gold-Catalyzed Synthesis of 1-(Furan-3-yl)-1,2-diones. <i>Journal of Organic Chemistry</i> , 2017, 82, 11644-11654.	3.2	16
21	Catalyst- and Additive-Free Cascade Reaction of Isoquinoline <i>N</i> -Oxides with Alkynes: An Approach to Benzoazepino[2,1- <i>a</i> ]isoquinoline Derivatives. <i>Organic Letters</i> , 2019, 21, 5630-5633.	4.6	16
22	Two-Step Synthesis of $\beta$ -Expanded Maleimides from 3,4-Diphenylfuran-2(5- <i>H</i> )-ones. <i>Journal of Organic Chemistry</i> , 2019, 84, 12387-12398.	3.2	16
23	Metal-Free Synthesis of 3-(Iso)quinolinyl 4-Chromenones and 3-(Iso)quinolinyl 4-Quinolones from (Iso)quinoline <i>N</i> -Oxides and Ynones. <i>Organic Letters</i> , 2019, 21, 9995-9998.	4.6	16
24	Annulation of 2,3-diphenyl-4H-chromen-4-ones via photo-induced hydrogen evolution. <i>RSC Advances</i> , 2017, 7, 44333-44339.	3.6	15
25	Synthesis of isoflavones by room-temperature nickel-catalyzed cross-couplings of 3-iodo(bromo)chromones with arylzincs. <i>Molecular Diversity</i> , 2014, 18, 245-251.	3.9	14
26	One-pot synthesis of 3-(furan-2-yl)-4H-chromen-4-ones from 1-(2-hydroxyphenyl)butane-1,3-diones and 2,5-dimethoxy-2,5-dihydrofuran catalyzed via K10 montmorillonite under solvent-free conditions. <i>Green Chemistry</i> , 2016, 18, 4092-4097.	9.0	14
27	Light-Promoted C–N Coupling of Aryl Halides with Nitroarenes. <i>Angewandte Chemie</i> , 2021, 133, 5290-5294.	2.0	13
28	An efficient strategy to syntheses of isoflavones. <i>Molecular Diversity</i> , 2014, 18, 777-785.	3.9	12
29	Synthesis of 3-Thiophenchromone by Stille Cross-coupling Palladium on Charcoal-Catalyzed Ligand-Free. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 310-316.	2.6	12
30	Photo-induced tandem cyclization of 3-iodoflavones with electron rich five-membered heteroarenes. <i>RSC Advances</i> , 2017, 7, 43206-43211.	3.6	12
31	Synthesis of 7a-phenyl-1a,7a-dihydro-benzopyrano[2,3- <i>b</i> ]azirin-7-ones via photoisomerization reaction. <i>RSC Advances</i> , 2015, 5, 4788-4794.	3.6	11
32	Synthesis of 3-heteroarylchromones via a photochemical reaction. <i>Molecular Diversity</i> , 2016, 20, 9-16.	3.9	11
33	Photoinduced Annulation of <i>N</i> -Phenylbenzamides for the Synthesis of Phenanthridin-6(5- <i>H</i> )-ones. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1150-1155.	4.3	11
34	Synthesis of 3-Formylfurans via a Silver(I)-Catalyzed Epoxide Ring-Opening/1,2-Acyl Migration/Cyclization Cascade. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3943-3948.	4.3	9
35	Stereoselective Synthesis of ( <i>E</i> )-3-Alkylideneoxindoles via Gold(I)-Catalyzed Cross-Coupling of 3-Diazooxindoles with Diazoesters. <i>Journal of Organic Chemistry</i> , 2020, 85, 5863-5871.	3.2	9
36	Synthesis of 7-hydroxy-6- <i>H</i> -naphtho[2,3- <i>c</i> ]coumarin via a TsOH-mediated tandem reaction. <i>Chemical Communications</i> , 2020, 56, 10369-10372.	4.1	6

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37	Ag(I)-Catalyzed Synthesis of 2-Aminoquinolines from 1-Aminobutadiynes and Anilines. <i>Advanced Synthesis and Catalysis</i> , 0, , .	4.3	6
38	Facile Synthesis of Diarylpyrazolo[1,5-a]pyrimidine from Isoflavones. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 24-29.	2.6	5
39	Gold(I)-Catalyzed Synthesis of Six-Membered P,O-Heterocycles via Hydration/Intramolecular Cyclization Cascade Reaction. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4227-4231.	4.3	5
40	Synthesis of Isatin-Hydrazones from 3-Diazo Oxindoles and Sulfoxonium Ylides under Catalyst-Free and Additive-Free Conditions. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1592-1595.	2.4	5
41	Synthesis of <i>trans</i> -4,12-dihydrodibenzo[ <i>fh</i> ]quinolin-2(1 <i>H</i> )-ones and Dibenzo[ <i>fh</i> ]quinolin-2(1 <i>H</i> )-ones <i>via</i> Irradiation of 6-Biphenylpyridine-2(1 <i>H</i> )-ones. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3554-3559.	4.3	5
42	Synthesis of <i>trans</i> -2-benzofurothieno[2,3- <i>ex</i> ]indazoles <i>via</i> Intramolecular Dehydrogenation Photocyclization. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2213-2219.	4.9	5
43	Crystal Structure and Photoluminescence of a Tetranuclear Cadmium Complex. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1057-1062.	4.9	4
44	Synthesis of 5,6-Diarylpyridin-2(1 <i>H</i> )-ones from Isoflavones. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1027-1032.	4.9	4
45	Microwave Irradiation for Accelerating Synthesis of Diarylimidizo[1,5- <i>a</i> ]pyrimidine Based on Isoflavones. <i>Chinese Journal of Chemistry</i> , 2012, 30, 997-1000.	4.9	3
46	Synthesis of (2-hydroxyphenyl)(fusedphenyl)methanones <i>via</i> the photo-induced rearrangement of 2-aryliso flavones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 851-858.	2.8	3
47	Syntheses of benzo[ <i>c</i> ]coumarin carboxylic acids and fluorescence properties in the solid state. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2017, 232, 719-727.	0.8	2
48	Synthesis of <i>cis/trans</i> -dihydrochromenones via a photoinduced rearrangement of 4-phenyl-3-aryl/cyclohexenylcoumarins. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7176-7180.	2.8	2
49	Synthesis of V-Shaped Bis-coumarins through Aldol Reaction/Double Lactonization Cascade Reaction from Bis(2-hydroxyphenyl)methanone and Meldrum's Acid. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	2
50	Synthesis of 6-phenylbenzo[ <i>h</i> ]quinolines <i>via</i> photoinduced dehydrogenative annulation of ( <i>E</i> )-2-phenyl-3-styrylpyridines. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8554-8558.	2.8	1
51	Synthesis of dibenzo[ <i>e,g</i> ]isoindol-1-ones <i>via</i> photoinduced intramolecular annulation of 3,4-diphenyl-1 <i>H</i> -pyrrol-2(5 <i>H</i> )-ones. <i>Tetrahedron</i> , 2021, 84, 131981.	1.9	1
52	An Oxidant- and Catalyst-Free Synthesis of Dibenzo[ <i>a,c</i> ]carbazoles <i>via</i> UV Light Irradiation of 2,3-Diphenyl-1 <i>H</i> -indoles. <i>Synthesis</i> , 2022, 54, 1621-1632.	2.3	1