

Fang-Lin Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,169
citations

949033

11
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843174

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docs citations

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times ranked

1263
citing authors

#	ARTICLE	IF	CITATIONS
1	Monodentate Transient Directing Group Assisted Ruthenium(II)-Catalyzed Direct <i>ortho</i> -C-H Imidation of Benzaldehydes for Diverse Synthesis of Quinazoline and Fused Isoindolinone. <i>Organic Letters</i> , 2021, 23, 3923-3927.	2.4	20
2	Monodentate Transient Directing Group-Assisted Palladium-Catalyzed Direct <i>ortho</i> -C-H Iodination of Benzaldehydes for Total Synthesis of Hernandial. <i>Organic Letters</i> , 2021, 23, 9184-9188.	2.4	6
3	A Metal-Free Visible-Light Photoredox Construction and Direct C-H Functionalization of Pyridines: Green Synthesis of Polysubstituted Picolinaldehydes. <i>Journal of Organic Chemistry</i> , 2021, 86, 17244-17248.	1.7	6
4	A three-step sequence strategy for facile construction of donor-acceptor type molecules: triphenylamine-substituted acenes. <i>Canadian Journal of Chemistry</i> , 2020, 98, 40-48.	0.6	1
5	Synthesis of Polycyclic Spiro Pyrrolidone Derivatives via DBU-Catalyzed Diastereoselective Vinylogous Aldol-Michael Cascade Reaction. <i>ChemCatChem</i> , 2020, 12, 3212-3215.	1.8	3
6	One-pot synthesis of benzofluorene fused aromatic hydrocarbons. <i>Tetrahedron Letters</i> , 2019, 60, 151299.	0.7	3
7	Palladium-catalyzed <i>ortho</i> -C(sp ²) H bromination of benzaldehydes via a monodentate transient directing group strategy. <i>Tetrahedron Letters</i> , 2019, 60, 151263.	0.7	15
8	Palladium-Catalyzed Direct <i>Ortho</i> -C-H Selenylation of Benzaldehydes Using Benzidine as a Transient Directing Group. <i>Organic Letters</i> , 2019, 21, 6914-6918.	2.4	39
9	Monodentate Transient Directing Group Assisted Pd-Catalyzed Direct Dehydrogenative Cross-Coupling of Benzaldehydes with Arenes toward 9-Fluorenones. <i>Journal of Organic Chemistry</i> , 2019, 84, 13104-13111.	1.7	23
10	Cascade reaction for the synthesis of polycyclic aromatic hydrocarbons via transient directing group strategy. <i>Tetrahedron</i> , 2019, 75, 4031-4041.	1.0	10
11	Monodentate Transient Directing Group Enabled Pd-Catalyzed <i>Ortho</i> -C-H Methoxylation and Chlorination of Benzaldehydes. <i>Organic Letters</i> , 2019, 21, 3692-3695.	2.4	47
12	DBU-Promoted Intramolecular Crossed Aldol Reaction: A Facile Access to Indane-Fused Pyrrolidine. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 852-856.	1.2	9
13	Assembly of Diverse Spirocyclic Pyrrolidines via Transient Directing Group Enabled <i>Ortho</i> -C(sp ²) ² -C-H Alkylation of Benzaldehydes. <i>Organic Letters</i> , 2018, 20, 146-149.	2.4	69
14	Synthesis of Polycyclic Aromatic Hydrocarbons (PAHs) via a Transient Directing Group. <i>Organic Letters</i> , 2018, 20, 7620-7623.	2.4	40
15	Synthesis of dihydrobenzoxazine pyrrolidone spirocyclic compounds. <i>Tetrahedron Letters</i> , 2018, 59, 3554-3557.	0.7	4
16	Diverse <i>ortho</i> -C(sp ²) ² -C-H Functionalization of Benzaldehydes Using Transient Directing Groups. <i>Journal of the American Chemical Society</i> , 2017, 139, 888-896.	6.6	232
17	Enantioselective Synthesis of 1,3-Disubstituted 1,3-Dihydroisobenzofurans via a Cascade Allylboration/Oxo-Michael Reaction of <i>ortho</i> -Formyl Chalcones Catalyzed by a Chiral Phosphoric Acid. <i>Journal of Organic Chemistry</i> , 2017, 82, 10388-10397.	1.7	30
18	Direct stereoselective construction of cyclopropane β -amino acid with contiguous quaternary centers via [4 + 2] annulation reaction. <i>RSC Advances</i> , 2017, 7, 38077-38080.	1.7	8

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19	Functionalization of C(sp ³)â€“H bonds using a transient directing group. <i>Science</i> , 2016, 351, 252-256.	6.0	588
20	Asymmetric organocatalytic Michaelâ€“hemiacetalization reaction: access to chiral spiro cis-Î²-lactones by in situ oxidation of spiro Î²-lactols. <i>Tetrahedron Letters</i> , 2013, 54, 2546-2548.	0.7	16