

Fang-Lin Zhang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5971569/fang-lin-zhang-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

876
citations

9
h-index

20
g-index

20
ext. papers

1,039
ext. citations

6
avg, IF

4.37
L-index

#	Paper	IF	Citations
20	Organic chemistry. Functionalization of C(sp ³)-H bonds using a transient directing group. <i>Science</i> , 2016 , 351, 252-6	33.3	453
19	Diverse ortho-C(sp)-H Functionalization of Benzaldehydes Using Transient Directing Groups. <i>Journal of the American Chemical Society</i> , 2017 , 139, 888-896	16.4	186
18	Assembly of Diverse Spirocyclic Pyrrolidines via Transient Directing Group Enabled Ortho-C(sp)-H Alkylation of Benzaldehydes. <i>Organic Letters</i> , 2018 , 20, 146-149	6.2	52
17	Monodentate Transient Directing Group Enabled Pd-Catalyzed Ortho-C-H Methoxylation and Chlorination of Benzaldehydes. <i>Organic Letters</i> , 2019 , 21, 3692-3695	6.2	36
16	Synthesis of Polycyclic Aromatic Hydrocarbons (PAHs) via a Transient Directing Group. <i>Organic Letters</i> , 2018 , 20, 7620-7623	6.2	30
15	Palladium-Catalyzed Direct Ortho-C-H Selenylation of Benzaldehydes Using Benzidine as a Transient Directing Group. <i>Organic Letters</i> , 2019 , 21, 6914-6918	6.2	23
14	Enantioselective Synthesis of 1,3-Disubstituted 1,3-Dihydroisobenzofurans via a Cascade Allylboration/Oxo-Michael Reaction of o-Formyl Chalcones Catalyzed by a Chiral Phosphoric Acid. <i>Journal of Organic Chemistry</i> , 2017 , 82, 10388-10397	4.2	20
13	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	4.2	14
12	Asymmetric organocatalytic Michaelβemiacetalization reaction: access to chiral spiro cis-βactones by in situ oxidation of spiro βactols. <i>Tetrahedron Letters</i> , 2013 , 54, 2546-2548	2	14
11	Cascade reaction for the synthesis of polycyclic aromatic hydrocarbons via transient directing group strategy. <i>Tetrahedron</i> , 2019 , 75, 4031-4041	2.4	9
10	Palladium-catalyzed ortho-C(sp ²) H bromination of benzaldehydes via a monodentate transient directing group strategy. <i>Tetrahedron Letters</i> , 2019 , 60, 151263	2	9
9	Monodentate Transient Directing Group Assisted Ruthenium(II)-Catalyzed Direct -C-H Imidation of Benzaldehydes for Diverse Synthesis of Quinazoline and Fused Isoindolinone. <i>Organic Letters</i> , 2021 , 23, 3923-3927	6.2	8
8	Direct stereoselective construction of cyclopropane βamino acid with contiguous quaternary centers via [4 + 2] annulation reaction. <i>RSC Advances</i> , 2017 , 7, 38077-38080	3.7	6
7	DBU-Promoted Intramolecular Crossed Aldol Reaction: A Facile Access to Indane-Fused Pyrrolidine. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 852-856	3.2	6
6	Synthesis of dihydrobenzoxazine pyrrolidone spirocyclic compounds. <i>Tetrahedron Letters</i> , 2018 , 59, 3554-3557	4	4
5	Synthesis of Polycyclic Spiro Pyrrolidone Derivatives via DBU-Catalyzed Diastereoselective Vinylogous Aldol-Michael Cascade Reaction. <i>ChemCatChem</i> , 2020 , 12, 3212-3215	5.2	2
4	One-pot synthesis of benzofluorene fused aromatic hydrocarbons. <i>Tetrahedron Letters</i> , 2019 , 60, 151299	2	2

- | | | | |
|---|--|-----|---|
| 3 | Monodentate Transient Directing Group-Assisted Palladium-Catalyzed Direct -C-H Iodination of Benzaldehydes for Total Synthesis of Hernandial. <i>Organic Letters</i> , 2021 , 23, 9184-9188 | 6.2 | 1 |
| 2 | 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 | 0.9 | 1 |
| 1 | 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 | 4.2 | 0 |