

Xavier Company

List of Publications by Citations

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

45
papers

2,040
citations

22
h-index

45
g-index

70
ext. papers

2,293
ext. citations

6.6
avg, IF

5.05
L-index

#	Paper	IF	Citations
45	Organocatalytic Domino Reactions. <i>Current Organic Chemistry</i> , 2009 , 13, 1432-1474	1.7	290
44	Sulfones: new reagents in organocatalysis. <i>Chemical Society Reviews</i> , 2010 , 39, 2018-33	58.5	247
43	Organocatalytic synthesis of spiro compounds via a cascade Michael-Michael-aldol reaction. <i>Chemical Communications</i> , 2010 , 46, 6953-5	5.8	201
42	Enantioselective organocatalytic synthesis of fluorinated molecules. <i>Chemistry - A European Journal</i> , 2011 , 17, 2018-37	4.8	186
41	Highly enantio- and diastereoselective organocatalytic desymmetrization of prochiral cyclohexanones by simple direct aldol reaction catalyzed by proline. <i>Chemistry - A European Journal</i> , 2009 , 15, 6564-8	4.8	97
40	Formal highly enantioselective organocatalytic addition of fluoromethyl anion to alpha,beta-unsaturated aldehydes. <i>Chemistry - A European Journal</i> , 2009 , 15, 7035-8	4.8	87
39	Substrate-dependent nonlinear effects in proline-thiourea-catalyzed aldol reactions: unraveling the role of the thiourea co-catalyst. <i>Chemistry - A European Journal</i> , 2010 , 16, 1142-8	4.8	81
38	Asymmetric Organocatalytic Cyclopropanation of Highly Stereocontrolled Synthesis of Chiral Cyclopropanes with Quaternary Stereocenters. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 3075-3080	3.2	75
37	Enantioselective organocatalytic addition of oxazolones to 1,1-bis(phenylsulfonyl)ethylene: a convenient asymmetric synthesis of quaternary alpha-amino acids. <i>Chemistry - A European Journal</i> , 2010 , 16, 5354-61	4.8	69
36	Formal highly enantioselective organocatalytic addition of alkyl anions to alpha,beta-unsaturated aldehydes: application to the synthesis of isotope-enantiomers. <i>Chemistry - A European Journal</i> , 2009 , 15, 11095-9	4.8	59
35	A Rational Approach to Organo-Photocatalysis: Novel Designs and Structure-Property Relationships. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1082-1097	16.4	59
34	Highly enantioselective fluoromalonate addition to alpha,beta-unsaturated aldehydes. <i>Tetrahedron Letters</i> , 2009 , 50, 5021-5024	2	54
33	Highly Regio- and Diastereoselective Oxazol-5-one Addition to Nitrostyrenes. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 199-203	3.2	42
32	Enantioselective addition of oxindoles to aliphatic alpha,beta-unsaturated aldehydes. <i>Tetrahedron Letters</i> , 2009 , 50, 6624-6626	2	42
31	First one-pot organocatalytic synthesis of alpha,beta-unsaturated gamma-lactones. <i>Chemical Communications</i> , 2013 , 49, 1184-6	5.8	39
30	Asymmetric Organocatalytic Benzoylation of alpha,beta-unsaturated Aldehydes with Toluenes. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 5262-5265	3.2	37
29	Enantioselective organocatalytic asymmetric allylic alkylation. Bis(phenylsulfonyl)methane addition to MBH carbonates. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 7986-9	3.9	36

28	Profiling the Privileges of Pyrrolidine-Based Catalysts in Asymmetric Synthesis: From Polar to Light-Driven Radical Chemistry. <i>ACS Catalysis</i> , 2019 , 9, 6058-6072	13.1	35
27	Enantioselective organocatalytic oxyamination of unprotected 3-substituted oxindoles. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 431-9	3.9	30
26	Transition Metal-Free CO Fixation into New Carbon-Carbon Bonds. <i>ChemSusChem</i> , 2018 , 11, 3056-3070	8.3	26
25	A microfluidic photoreactor enables 2-methylbenzophenone light-driven reactions with superior performance. <i>Chemical Communications</i> , 2018 , 54, 6820-6823	5.8	24
24	Asymmetric organocatalytic Michael addition of azlactones to cis-1,2-bis(phenylsulfonyl)ethene. A simple entry to quaternary β -amino acids. <i>New Journal of Chemistry</i> , 2010 , 34, 1816	3.6	23
23	Catalytic asymmetric one-pot synthesis of β -methylene-lactams. <i>Tetrahedron</i> , 2014 , 70, 75-82	2.4	22
22	Naphthochromenones: Organic Bimodal Photocatalysts Engaging in Both Oxidative and Reductive Quenching Processes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1302-1312	16.4	21
21	A visible-light Patern β uhi dearomatisation process towards the construction of oxeto-indolinic polycycles. <i>Chemical Science</i> , 2020 , 11, 6532-6538	9.4	20
20	Organocatalytic enantioselective substitution of MBH carbonates by 2-fluoromalonates. <i>Tetrahedron Letters</i> , 2012 , 53, 4124-4129	2	17
19	Expanding the Scope of the Organocatalytic Addition of Fluorobis(phenylsulfonyl)methane to Enals: Enantioselective Cascade Synthesis of Fluoroindane and Fluorochromanol Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 437-446	5.6	16
18	Deciphering the roles of multiple additives in organocatalyzed Michael additions. <i>Chemical Communications</i> , 2016 , 52, 6821-4	5.8	14
17	Microfluidic light-driven synthesis of tetracyclic molecular architectures. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 2418-2424	2.5	14
16	Mapping the Surface Groups of Amine-Rich Carbon Dots Enables Covalent Catalysis in Aqueous Media. <i>CheM</i> , 2020 , 6, 3022-3037	16.2	13
15	Distribution of Catalytic Species as an Indicator To Overcome Reproducibility Problems. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8432-8435	16.4	12
14	Catalytic Asymmetric Strategies for the Synthesis of 3,3-Disubstituted Oxindoles. <i>Studies in Natural Products Chemistry</i> , 2013 , 40, 71-132	1.5	11
13	A Rational Approach to Organo-Photocatalysis: Novel Designs and Structure-Property Relationships. <i>Angewandte Chemie</i> , 2021 , 133, 1096-1111	3.6	10
12	Syntheses of Lactams by Tandem Reactions. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1934-1956	3	9
11	Naphthochromenones: Organic Bimodal Photocatalysts Engaging in Both Oxidative and Reductive Quenching Processes. <i>Angewandte Chemie</i> , 2020 , 132, 1318-1328	3.6	5

10	Unconventional Transformations of Morita-Baylis-Hillman Adducts. <i>Synthesis</i> , 2020 , 52,	2.9	5
9	Light-Triggered Catalytic Asymmetric Allylic Benzylolation with Photogenerated α -Nucleophiles. <i>Journal of Organic Chemistry</i> , 2020 , 85, 4463-4474	4.2	4
8	A Mild and Convenient Synthesis of 4-Tosyl-4,5-dihydrooxazoles. <i>Letters in Organic Chemistry</i> , 2009 , 6, 293-296	0.6	3
7	Introduction: A Historical Point of View 2013 , 1-10		2
6	Addition to α,β -Unsaturated Aldehydes and Ketones 2013 , 975-1012		1
5	Searching for Untrodden Paths in Organocatalysis Territory. <i>Synlett</i> , 2010 , 2010, 1883-1908	2.2	1
4	Recent Advances in Electrochemical Carboxylation of Organic Compounds for CO ₂ Valorization 2020 , 225-252		1
3	Cascade Reactions Forming C-C Bonds 2013 , 351-380		
2	Recent Advances in the Asymmetric Synthesis of Spiro Compounds Through Cycloadditions 2022 , 35-64		
1	Understanding the Diastereopreference of Intermediates in Aminocatalysis: Application to the Chiral Resolution of Lactols. <i>Journal of Organic Chemistry</i> , 2021 , 86, 4326-4335	4.2	