

# Thierry Ollevier

## List of Publications by Year in descending order

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90  
papers

2,918  
citations

147566

31  
h-index

182168

51  
g-index

126  
all docs

126  
docs citations

126  
times ranked

2511  
citing authors

#	ARTICLE	IF	CITATIONS
1	New trends in bismuth-catalyzed synthetic transformations. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2740.	1.5	194
2	Bismuth triflate-catalyzed mild and efficient epoxide opening by aromatic amines under aqueous conditions. <i>Tetrahedron Letters</i> , 2004, 45, 49-52.	0.7	152
3	Bismuth Triflate-Catalyzed Three-Component Mannich-Type Reaction. <i>Journal of Organic Chemistry</i> , 2004, 69, 9292-9295.	1.7	139
4	An efficient method for the ring opening of epoxides with aromatic amines catalyzed by bismuth trichloride. <i>Tetrahedron Letters</i> , 2002, 43, 7891-7893.	0.7	129
5	Transition-Metal-Free $\alpha$ -Arylation of Enolizable Aryl Ketones and Mechanistic Evidence for a Radical Process. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10587-10591.	7.2	129
6	Bridging Lab and Industry with Flow Electrochemistry. <i>IScience</i> , 2020, 23, 101720.	1.9	89
7	Recent progress in the catalytic carbene insertion reactions into the silicon-hydrogen bond. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5441-5456.	1.5	88
8	Direct-type catalytic three-component Mannich reaction in aqueous media. <i>Tetrahedron Letters</i> , 2006, 47, 8351-8354.	0.7	84
9	Copper-Catalyzed Carbenoid Insertion Reactions of $\alpha$ -Dialkyl diazoesters and $\alpha$ -Dialkyl diazoketones into Si-H and Si-H Bonds. <i>Journal of Organic Chemistry</i> , 2017, 82, 3000-3010.	1.7	81
10	Highly efficient three-component synthesis of protected homoallylic amines by bismuth triflate-catalyzed allylation of aldimines. <i>Tetrahedron Letters</i> , 2003, 44, 9003-9005.	0.7	76
11	Iron-Catalyzed Carbene Insertion Reactions of $\alpha$ -Dialkyl diazoesters into Si-H Bonds. <i>Organic Letters</i> , 2017, 19, 5736-5739.	2.4	70
12	Synthesis of $\alpha$ -Nitro-diazocarbonyl Derivatives and Their Applications in the Cyclopropanation of Alkenes and in $\alpha$ -H Insertion Reactions. <i>Helvetica Chimica Acta</i> , 2002, 85, 4468-4484.	1.0	65
13	An efficient and mild bismuth triflate-catalysed three-component Mannich-type reaction. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3126.	1.5	63
14	Iron(II)-catalyzed enantioselective meso-epoxide-opening with anilines. <i>Chemical Communications</i> , 2012, 48, 3806.	2.2	60
15	Diastereoselective Mukaiyama Aldol Reaction of 2-(Trimethylsilyloxy)furan Catalyzed by Bismuth Triflate. <i>Journal of Organic Chemistry</i> , 2008, 73, 331-334.	1.7	57
16	Phenolic compounds that confer resistance to spruce budworm. <i>Entomologia Experimentalis Et Applicata</i> , 2011, 141, 35-44.	0.7	57
17	Trifluoromethanesulfonyl Azide: A Powerful Reagent for the Preparation of $\alpha$ -Nitro- $\alpha$ -diazocarbonyl Derivatives. <i>Journal of Organic Chemistry</i> , 2000, 65, 9252-9254.	1.7	55
18	Highly enantioselective Mukaiyama aldol reaction in aqueous conditions using a chiral iron( $\kappa^2$ -bipyridine) catalyst. <i>Chemical Communications</i> , 2012, 48, 2289-2291.	2.2	53

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19	Iron bis(oxazoline) complexes in asymmetric catalysis. <i>Catalysis Science and Technology</i> , 2016, 6, 41-48.	2.1	51
20	Bismuth triflate catalyzed Claisen rearrangement of allyl naphthyl ethers. <i>Tetrahedron Letters</i> , 2006, 47, 4051-4055.	0.7	50
21	Bismuth Triflate-Catalyzed Asymmetric Allylation of Aromatic Aldehydes. <i>Chemistry - A European Journal</i> , 2012, 18, 3144-3147.	1.7	47
22	Iron- and Bismuth-Catalyzed Asymmetric Mukaiyama Aldol Reactions in Aqueous Media. <i>Chemistry - an Asian Journal</i> , 2013, 8, 3051-3062.	1.7	45
23	Iron-Modified Mesoporous Silica as an Efficient Solid Lewis Acid Catalyst for the Mukaiyama Aldol Reaction. <i>ACS Catalysis</i> , 2018, 8, 1932-1944.	5.5	40
24	The First Catalytic Mannich-Type Reaction of N-Alkoxy-carbonylamino Sulfones with Silyl Enolates. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2080-2084.	2.1	39
25	The first catalytic Sakurai reaction of N-alkoxy-carbonylamino sulfones with allyltrimethylsilane. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 4440.	1.5	38
26	Bismuth Triflate-Catalyzed Fries Rearrangement of Aryl Acetates. <i>Synlett</i> , 2004, 2004, 2794-2796.	1.0	37
27	Microwave-enhanced bismuth triflate-catalyzed epoxide opening with aliphatic amines. <i>Tetrahedron Letters</i> , 2008, 49, 1546-1550.	0.7	37
28	Bismuth Triflate-Catalyzed Addition of Allylsilanes to N-Alkoxy-carbonylamino Sulfones: Convenient Access to Cbz-Protected Cyclohexenylamines. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 3251-3259.	2.1	37
29	Highly enantioselective iron(ii)-catalyzed opening reaction of aromatic meso-epoxides with indoles. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7463.	1.5	37
30	$\hat{1}\pm$ -Thiocarbonyl synthesis via the Fe <sup>II</sup> -catalyzed insertion reaction of $\hat{1}\pm$ -diazocarbonyls into S-H bonds. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3098-3102.	1.5	34
31	Bismuth Triflate Catalyzed Mukaiyama Aldol Reaction in an Ionic Liquid. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4971-4973.	1.2	32
32	Synthesis of $\hat{1}^2$ -Amino Esters by Bismuth Triflate Catalyzed Three-Component Mannich-Type Reaction. <i>Synlett</i> , 2006, 2006, 219-222.	1.0	32
33	Asymmetric Diels-Alder Reaction of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Oxazolidin-2-one Derivatives Catalyzed by a Chiral Fe(III)-Bipyridine Diol Complex. <i>Organic Letters</i> , 2018, 20, 995-998.	2.4	31
34	Fe <sup>II</sup> -catalysed insertion reaction of $\hat{1}\pm$ -diazocarbonyls into X-H bonds (X = Si, S, N, and O) in dimethyl carbonate as a suitable solvent alternative. <i>RSC Advances</i> , 2019, 9, 31241-31246.	1.7	30
35	Bismuth Triflate Catalyzed Allylation of Aldehydes with Allylstannane under Microwave Assistance. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5665-5668.	1.2	28
36	Bismuth Triflate Catalyzed [1,3] Rearrangement of Aryl 3-Methylbut-2-enyl Ethers. <i>Synthesis</i> , 2006, 2006, 3963-3966.	1.2	27

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37	Asymmetric Fe <sup>II</sup> -Catalyzed Thia-Michael Addition Reaction to $\hat{I},\hat{I}^2$ -Unsaturated Oxazolidin-2-one Derivatives. <i>Organic Letters</i> , 2017, 19, 6324-6327.	2.4	27
38	On the Frontier Between Nucleophilic Aromatic Substitution and Catalysis. <i>Chemistry - A European Journal</i> , 2014, 20, 5231-5236.	1.7	25
39	Atom economical synthesis of N-alkylbenzamides via the iron(III) sulfate catalyzed rearrangement of 2-alkyl-3-aryloxaziridines in water and in the presence of a surfactant. <i>Green Chemistry</i> , 2017, 19, 1263-1267.	4.6	25
40	Efficient and practical catalytic vinylogous aldol reaction of dioxinone-derived silyl dienol ethers with aromatic aldehydes. <i>Tetrahedron Letters</i> , 2006, 47, 9089-9092.	0.7	24
41	Iron(II)-Derived Lewis Acid/Surfactant Combined Catalysis for the Enantioselective Mukaiyama Aldol Reaction in Pure Water. <i>ChemCatChem</i> , 2014, 6, 2244-2247.	1.8	23
42	Enantioselective Iron Catalysts. <i>Topics in Organometallic Chemistry</i> , 2015, , 259-309.	0.7	23
43	Hydrogen peroxide/dimethyl carbonate: a green system for epoxidation of N-alkylimines and N-sulfonylimines. One-pot synthesis of N-alkyloxaziridines from N-alkylamines and (hetero)aromatic aldehydes. <i>Green Chemistry</i> , 2016, 18, 4859-4864.	4.6	22
44	Synthesis of Imidazolidinone, Imidazolone, and Benzimidazolone Derivatives through Oxidation Using Copper and Air. <i>Organic Letters</i> , 2019, 21, 3572-3575.	2.4	22
45	Asymmetric Cu <sup>I</sup> -Catalyzed Insertion Reaction of 1-Aryl-2,2,2-trifluoro-1-diazoethanes into Si-H Bonds. <i>Organic Letters</i> , 2019, 21, 9094-9098.	2.4	20
46	Emerging Applications of Aryl Trifluoromethyl Diazoalkanes and Diazirines in Synthetic Transformations. <i>ACS Organic &amp; Inorganic Au</i> , 2022, 2, 83-98.	1.9	18
47	Mechanism studies of oxidation and hydrolysis of Cu(I)-NHC and Ag-NHC in solution under air. <i>Journal of Organometallic Chemistry</i> , 2020, 906, 121025.	0.8	17
48	The Power of Iron Catalysis in Diazo Chemistry. <i>Synthesis</i> , 2021, 53, 79-94.	1.2	17
49	CsF/clinoptilolite: an efficient solid base in S <sub>N</sub> Ar and copper-catalyzed Ullmann reactions. <i>Canadian Journal of Chemistry</i> , 2016, 94, 95-104.	0.6	16
50	Bismuth triflate-catalyzed rearrangement of acetates of the Baylis-Hillman adducts into (E)-trisubstituted alkenes. <i>Tetrahedron</i> , 2008, 64, 5150-5155.	1.0	15
51	Diastereoselective bismuth triflate catalyzed Claisen rearrangement of 2-alkoxycarbonyl-substituted allyl vinyl ethers. <i>Canadian Journal of Chemistry</i> , 2008, 86, 209-212.	0.6	15
52	Fe(OTf) <sub>2</sub> -Catalyzed Thia-Michael Addition Reaction: A Green Synthetic Approach to $\hat{I},\hat{I}^2$ -Thioethers. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4536-4540.	1.2	15
53	Ultrasound-Promoted Knoevenagel Condensation Catalyzed by KF-Clinoptilolite. <i>Letters in Organic Chemistry</i> , 2015, 12, 645-650.	0.2	15
54	Enantioselective Aromatic Sulfide Oxidation and Tandem Kinetic Resolution Using Aqueous H <sub>2</sub> O <sub>2</sub> and Chiral Iron-Bis(oxazolonyl)bipyridine Catalysts. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1628-1637.	1.2	14

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55	Synthesis and Characterization of Bio-pitch from Bio-oil. ACS Sustainable Chemistry and Engineering, 2020, 8, 11772-11782.	3.2	14
56	Photochemical Cyclopropanation of Alkynes with Diazirines as Carbene Precursors in Continuous Flow. Organic Letters, 2021, 23, 5420-5424.	2.4	14
57	Supporting-Electrolyte-Free Anodic Oxidation of Oxamic Acids into Isocyanates: An Expedient Way to Access Ureas, Carbamates, and Thiocarbamates. Organic Process Research and Development, 2021, 25, 2614-2621.	1.3	13
58	Recyclable iron(II) caffeine-derived ionic salt catalyst in the Diels-Alder reaction of cyclopentadiene and $\beta,\beta$ -unsaturated $\alpha,\beta$ -acyl-oxazolidinones in dimethyl carbonate. RSC Advances, 2019, 9, 21956-21963.	1.7	12
59	Iron- or Zinc-Mediated Synthetic Approach to Enantiopure Dihydroquinoxalinones. European Journal of Organic Chemistry, 2019, 2019, 1273-1280.	1.2	12
60	Electrosynthesis of Stabilized Diazo Compounds from Hydrazones. Organic Letters, 2022, 24, 4665-4669.	2.4	11
61	Iron-Catalyzed Enantioselective Reactions Through the Use of Chiral Bipyridine-Containing Ligands. Australian Journal of Chemistry, 2012, 65, 1564.	0.5	10
62	Transition-Metal-Free $\beta$ -Vinylolation of Enolizable Ketones with $\beta$ -Bromostyrenes. Organic Letters, 2019, 21, 1564-1568.	2.4	9
63	Properties of Bio-pitch and Its Wettability on Coke. ACS Sustainable Chemistry and Engineering, 2020, 8, 15366-15374.	3.2	9
64	2,2'-Bipyridine- $\beta,\beta$ -trifluoromethyl-diol ligand: synthesis and application in the asymmetric Et <sub>2</sub> Zn alkylation of aldehydes. Chemical Communications, 2021, 57, 11025-11028.	2.2	8
65	Anodic Oxidation of Aminotetrazoles: A Mild and Safe Route to Isocyanides. Organic Letters, 2021, 23, 9371-9375.	2.4	8
66	Catalytic Bismuth(V)-Mediated Oxidation of Hydrazones into Diazo Compounds. Organic Letters, 2022, 24, 2675-2678.	2.4	8
67	Transition-Metal-Free Synthesis of Biarylmethanes from Aryl Iodides and Benzylic Ketones. Chemistry - A European Journal, 2018, 24, 17449-17453.	1.7	7
68	Biochar as an Additive to Modify Biopitch Binder for Carbon Anodes. ACS Sustainable Chemistry and Engineering, 2021, 9, 12406-12414.	3.2	7
69	Preparation and Synthetic Utility of 2-Methylselenomethyl Allyl Methyl Selenide. A Valuable Precursor to 2-Silylmethylallyllithiums. Synlett, 1998, 1998, 1219-1222.	1.0	6
70	Novel Synthesis of Vinylcyclopropyl Ketones and Vinylcyclopropanecarboxylic Acids: Application to the Stereoselective Synthesis of trans-Chrysanthemic Acid. Journal of Organic Chemistry, 1997, 62, 1886-1890.	1.7	5
71	Bismuth-Catalyzed Addition of Silyl Nucleophiles to Carbonyl Compounds and Imines. Topics in Current Chemistry, 2011, 311, 69-114.	4.0	5
72	Gallium(III) Triflate Catalyzed Diastereoselective Mukaiyama Aldol Reaction by Using Low Catalyst Loadings. European Journal of Organic Chemistry, 2013, 2013, 6525-6529.	1.2	5

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73	Synthesis of homochiral sulfanyl- and sulfoxide-substituted naphthyltriazoles and study of the conformational stability. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6521-6526.	1.5	5
74	Synthesis and Absolute Structure Determination of Camphanoate Derivatives of Five Bicyclo[3.1.0]hexane Compounds. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 392-398.	0.4	4
75	Fe(BF <sub>4</sub> ) <sub>2</sub> -Catalyzed Inter- and Intramolecular Carbonyl-Ene Reaction of Trifluoropyruvate. <i>Synlett</i> , 2018, 29, 640-644.	1.0	4
76	Efficient stereoselective synthesis of chiral 3,3'-dimethyl-(2,2'-bipyridine)-diol ligand and applications in Fe-catalysis. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2242-2249.	2.3	4
77	New chiral bis(oxazolonyl)bipyridine ligands and application in the iron catalyzed asymmetric hydrosilylation of ketones. <i>French-Ukrainian Journal of Chemistry</i> , 2015, 3, 44-53.	0.1	4
78	C <sub>2</sub> -Symmetric 2,2'-Bipyridine-1,1'-diol Ligand: Bulky Iron Complexes in Asymmetric Catalysis. <i>Organic Letters</i> , 2022, 24, 1116-1120.	2.4	4
79	Convenient synthesis of tricyclic N(1)-C(2)-fused oxazino-indolones via [Au]-catalyzed hydrocarboxylation of allenes. <i>Chemical Communications</i> , 2022, 58, 8698-8701.	2.2	4
80	Hydrogen-Bond-Promoted Metal-Free Hydroamination of Alkynes. <i>Synlett</i> , 2019, 30, 2086-2090.	1.0	3
81	Fluoride-Triggered Synthesis of 1-Aryl-2,2-difluoroalkenes via Desilylative Defluorination of (1-Aryl)-2,2,2-trifluoroethyl-silanes. <i>Journal of Organic Chemistry</i> , 2021, 86, 13160-13168.	1.7	2
82	Recent advances in bismuth mediated aldol and Mannich reactions. <i>Arkivoc</i> , 2007, 2007, 10-20.	0.3	1
83	An Efficient Method for the Ring Opening of Epoxides with Aromatic Amines Catalyzed by Bismuth Trichloride.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
84	Synthesis of $\alpha$ -Nitro- $\alpha$ -diazocarbonyl Derivatives and Their Applications in the Cyclopropanation of Alkenes and in $\alpha$ -H Insertion Reactions.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
85	Highly Efficient Three-Component Synthesis of Protected Homoallylic Amines by Bismuth Triflate-Catalyzed Allylation of Aldimines.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
86	Bismuth Triflate-Catalyzed Mild and Efficient Epoxide Opening by Aromatic Amines under Aqueous Conditions.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
87	Bismuth Triflate Catalyzed Fries Rearrangement of Aryl Acetates.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
88	Bismuth Triflate Catalyzed Three-Component Mannich-Type Reaction.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
89	(R,S)-5-[Hydroxy(4-methylphenyl)methyl]furan-2(5H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o4298-o4298.	0.2	0
90	Inside Cover: Bismuth Triflate-Catalyzed Asymmetric Allylation of Aromatic Aldehydes ( <i>Chem. Eur. J.</i> )	2.7	10