

# Thomas Poisson

## List of Publications by Year in descending order

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106  
papers

4,074  
citations

101384

36  
h-index

133063

59  
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143  
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143  
docs citations

143  
times ranked

2851  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Modifications of the Linkage Region of Proteoglycans and Impact on CSGalNAcT4. European Journal of Organic Chemistry, 2022, 2022, .	1.2	0
2	Fluorocyclopropane-Containing Proline Analogue: Synthesis and Conformation of an Item in the Peptide Chemists' Toolbox. ACS Omega, 2022, 7, 4868-4878.	1.6	4
3	Electrochemical Hydrosilylation of Alkynes. ACS Organic & Inorganic Au, 2022, 2, 148-152.	1.9	17
4	Flow synthesis of an $\alpha$ -amino boronic ester as a key precursor of bortezomib drug. Reaction Chemistry and Engineering, 2022, 7, 1285-1288.	1.9	2
5	A multi-step continuous flow synthesis of pomalidomide. Journal of Flow Chemistry, 2022, 12, 383-387.	1.2	2
6	Catalytic Enantioselective Synthesis of Functionalized Cyclopropanes from $\alpha$ -Substituted Allyl Sulfones with Donor-Acceptor or Diaceptor Diazo Reagents. Chemistry - A European Journal, 2022, 28, .	1.7	3
7	Catalytic Asymmetric Syntheses of Alkylidenecyclopropanes from Allenates with Donor-Acceptor and Diaceptor Diazo Reagents. Chemistry - A European Journal, 2022, 28, .	1.7	3
8	Photocatalytic $E \rightarrow Z$ Conformer Thermodynamic Isomerization of Vinyl Silanes with Lewis Base. Chemistry - A European Journal, 2022, 28, .	1.7	5
9	Electrochemical Synthesis of Iodohydrins. Advanced Synthesis and Catalysis, 2022, 364, 2741-2747.	2.1	8
10	Stereospecific Synthesis of Glycoside Mimics Through Migita-Kosugi-Stille Cross-Coupling Reactions of Chemically and Configurationally Stable $1\text{-}C\text{-}t\text{-}Bu$ Tributylstannyl Iminosugars. Advanced Synthesis and Catalysis, 2021, 363, 470-483.	2.1	8
11	Synthesis of Fluoro-, Monofluoromethyl-, Difluoromethyl-, and Trifluoromethyl-Substituted Three-Membered Rings. Chemistry - A European Journal, 2021, 27, 2935-2962.	1.7	40
12	Access to Trisubstituted Fluoroalkenes by Ruthenium-Catalyzed Cross-Metathesis. Advanced Synthesis and Catalysis, 2021, 363, 2140-2147.	2.1	13
13	Copper-Photocatalyzed Hydroboration of Alkynes and Alkenes. Angewandte Chemie - International Edition, 2021, 60, 14498-14503.	7.2	60
14	Copper-Photocatalyzed Hydroboration of Alkynes and Alkenes. Angewandte Chemie, 2021, 133, 14619-14624.	1.6	13
15	Electrochemical Hydroboration of Alkynes. Chemistry - A European Journal, 2021, 27, 8277-8282.	1.7	30
16	Transition Metal-Free Regioselective Remote C-H Bond 2,2,2-Trifluoroethoxylation of 8-Aminoquinoline Derivatives at the C5 Position. European Journal of Organic Chemistry, 2021, 2021, 3407-3410.	1.2	6
17	Asymmetric Synthesis of Fluoro, Fluoromethyl, Difluoromethyl, and Trifluoromethylcyclopropanes. Accounts of Chemical Research, 2021, 54, 2969-2990.	7.6	52
18	Copper-Photocatalyzed Hydrosilylation of Alkynes and Alkenes under Continuous Flow. Chemistry - A European Journal, 2021, 27, 11818-11822.	1.7	36

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19	Photocatalyzed <i>E</i> → <i>Z</i> Conformer Thermodynamic Isomerization of Vinyl Boronates with Binaphthol. <i>Chemistry - A European Journal</i> , 2021, 27, 13966-13970.	1.7	21
20	Metal-Catalyzed Metathesis of Fluorinated Alkenes: Still a Current Major Challenge. <i>ACS Catalysis</i> , 2021, 11, 12307-12323.	5.5	7
21	<i>Z</i> -Selective Pd-catalyzed 2,2,2-trifluoroethylation of acrylamides at room temperature. <i>Chemical Communications</i> , 2021, 57, 6241-6244.	2.2	19
22	Continuous flow synthesis of Celecoxib from 2-bromo-3,3,3-trifluoropropene. <i>Journal of Flow Chemistry</i> , 2021, , 1-5.	1.2	6
23	Continuous Flow Synthesis of Propofol. <i>Molecules</i> , 2021, 26, 7183.	1.7	13
24	Practical Synthesis of Ethyl 3-Fluoro-1-pyrrole-2-carboxylate: A Key Fragment of a Potent Drug Candidate against Hepatitis B Virus. <i>Organic Process Research and Development</i> , 2020, 24, 792-801.	1.3	9
25	N-Heterocyclic Carbene-Catalyzed Formal [6+2] Annulation Reaction via Cross-Conjugated Aza-Trienolate Intermediates. <i>Chemistry - A European Journal</i> , 2020, 26, 818-822.	1.7	21
26	Copper-Photocatalyzed <i>E</i> → <i>Z</i> -Thermodynamic Isomerization of Polarized Alkenes. <i>Organic Letters</i> , 2020, 22, 7688-7693.	2.4	28
27	Stereoselective Synthesis of Terminal Monofluoroalkenes from Trifluoromethylated Alkenes. <i>Organic Letters</i> , 2020, 22, 4858-4863.	2.4	30
28	Synthesis of fluorocyclopropanes via the enantioselective cyclopropanation of fluoro-substituted allylic alcohols using zinc carbenoids. <i>Canadian Journal of Chemistry</i> , 2020, 98, 516-523.	0.6	5
29	Recent advances in photocatalyzed reactions using well-defined copper(I) complexes. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 451-481.	1.3	58
30	Copper-Catalyzed Enantioselective Formation of $\text{C}^{\sim}\text{CF}_3$ Centers from $\text{I}^{\sim}\text{CF}_3$ -Substituted Acrylates and Acrylonitriles. <i>Chemistry - A European Journal</i> , 2019, 25, 15262-15266.	1.7	17
31	Catalytic Asymmetric Synthesis of $\hat{\pm}$ -Difluoromethylated and $\hat{\pm}$ -Fluoromethylated Tertiary Alcohols. <i>Organic Letters</i> , 2019, 21, 7509-7513.	2.4	11
32	Rhodium catalysed enantioselective synthesis of mono-(halo)-methyl-cyclopropanes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 472-476.	1.5	13
33	Recent Advances for the Direct Introduction of the $\text{CF}_2\text{Me}$ Moiety. <i>Frontiers in Chemistry</i> , 2019, 7, 111.	1.8	19
34	$\text{BiCl}_3$ -Mediated direct functionalization of unsaturated $\text{C}=\text{C}$ bonds with an electrophilic $\text{SCF}_2\text{PO}(\text{OEt})_2$ reagent. <i>Chemical Communications</i> , 2019, 55, 8784-8787.	2.2	18
35	Catalytic Enantioselective Cyclopropanation of $\hat{\pm}$ -Fluoroacrylates: An Experimental and Theoretical Study. <i>ACS Catalysis</i> , 2019, 9, 2594-2598.	5.5	29
36	Copper-Photocatalyzed Borylation of Organic Halides under Batch and Continuous-Flow Conditions. <i>Chemistry - A European Journal</i> , 2019, 25, 3262-3266.	1.7	50

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37	An electrophilic reagent for the synthesis of OCHFMe-containing molecules. <i>Chemical Communications</i> , 2018, 54, 2491-2493.	2.2	15
38	Synthesis of 4-Difluoromethylquinolines by NHC-Catalyzed Umpolung of Imines. <i>Organic Letters</i> , 2018, 20, 1086-1089.	2.4	53
39	1-C-phosphonomethyl- and 1-C-difluorophosphonomethyl-1,4-imino-l-arabinol as GalT transferase inhibitors: A comparison. <i>Carbohydrate Research</i> , 2018, 461, 45-50.	1.1	12
40	Palladium-Catalyzed Synthesis of Aryl and Heteroaryl Difluoromethylated Phosphonates. <i>Synthesis</i> , 2018, 50, 778-784.	1.2	15
41	Pd-Catalyzed Trifluoromethylthiolation of Unsaturated Compounds: A General Approach. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6167-6175.	1.2	24
42	Enantioselective N-Heterocyclic Carbene-Catalyzed Cascade Reaction for the Synthesis of Pyrroloquinolines via N-H Functionalization of Indoles. <i>Organic Letters</i> , 2018, 20, 6998-7002.	2.4	57
43	General Catalytic Enantioselective Access to Monohalomethyl and Trifluoromethyl Cyclopropanes. <i>Chemistry - A European Journal</i> , 2018, 24, 10339-10343.	1.7	41
44	Trifluoromethylthiolation of $\alpha$ -Chloroaldehydes: Access to Quaternary SCF <sub>3</sub> -Containing Centers. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3693-3696.	1.2	26
45	Palladium-catalyzed synthesis of 3-trifluoromethylated 1,3-dienes from acrylate derivatives and BTP. <i>Tetrahedron</i> , 2018, 74, 6033-6040.	1.0	9
46	N-Heterocyclic Carbene-Catalyzed Synthesis of $\alpha$ -Trifluoromethyl Esters. <i>Organic Letters</i> , 2018, 20, 3897-3901.	2.4	21
47	Tunable Approach for the Stereoselective Synthesis of 1-C-Diethylphosphono(difluoromethyl) Iminosugars as Glycosyl Phosphate Mimics. <i>Journal of Organic Chemistry</i> , 2017, 82, 2753-2763.	1.7	26
48	Copper-Mediated [(Diethylphosphono)difluoromethyl]thiolation of $\alpha$ -Bromo Ketones. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2475-2480.	1.2	19
49	<sup>18</sup> F-Fluoroform: a <sup>18</sup> F-trifluoromethylating agent for the synthesis of SCF <sub>2</sub> - <sup>18</sup> F-aromatic derivatives. <i>Chemical Communications</i> , 2017, 53, 5706-5709.	2.2	43
50	Palladium-Catalyzed Synthesis of 3-Trifluoromethyl-Substituted 1,3-Butadienes by Means of Directed C-H Bond Functionalization. <i>Organic Letters</i> , 2017, 19, 2106-2109.	2.4	45
51	Stereoselective access to trisubstituted fluorinated alkenyl thioethers. <i>Catalysis Science and Technology</i> , 2017, 7, 1921-1927.	2.1	12
52	Copper-Mediated Introduction of the CF <sub>2</sub> PO(OEt) <sub>2</sub> Motif: Scope and Limitations. <i>Chemistry - A European Journal</i> , 2017, 23, 17318-17338.	1.7	43
53	The Transient Directing Group Strategy: A New Trend in Transition-Metal-Catalyzed C-H Bond Functionalization. <i>Synthesis</i> , 2017, 49, 4808-4826.	1.2	97
54	Catalytic Enantioselective Synthesis of Highly Functionalized Difluoromethylated Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13319-13323.	7.2	58

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55	Pd-Catalyzed Diastereoselective Trifluoromethylthiolation of Functionalized Acrylamides. <i>Organic Letters</i> , 2017, 19, 5106-5109.	2.4	47
56	Catalytic Enantioselective Synthesis of Highly Functionalized Difluoromethylated Cyclopropanes. <i>Angewandte Chemie</i> , 2017, 129, 13504-13508.	1.6	18
57	Recent Progress Toward the Synthesis of Trifluoromethyl- and Difluoromethyl-Substituted Cyclopropanes. <i>Chemistry - A European Journal</i> , 2017, 23, 4950-4961.	1.7	99
58	New Prospects toward the Synthesis of Difluoromethylated Phosphate Mimics. <i>Chemistry - A European Journal</i> , 2016, 22, 10284-10293.	1.7	57
59	Copper Salt-Controlled Divergent Reactivity of [Cu]CF <sub>2</sub> PO(OEt) <sub>2</sub> with $\alpha$ -Diazocarbonyl Derivatives. <i>Angewandte Chemie</i> , 2016, 128, 14347-14351.	1.6	19
60	Copper Salt-Controlled Divergent Reactivity of [Cu]CF <sub>2</sub> PO(OEt) <sub>2</sub> with $\alpha$ -Diazocarbonyl Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14141-14145.	7.2	46
61	Palladium-Catalysed Synthesis of $\alpha$ -(Trifluoromethyl)styrenes by Means of Directed C-H Bond Functionalization. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 76-82.	1.2	22
62	Synthesis and Applications of Fluorocyclopropanes. <i>Synthesis</i> , 2016, 48, 4060-4071.	1.2	43
63	Introduction of Functionalized Difluoromethylated Building Blocks Mediated or Catalyzed by Copper. <i>Synlett</i> , 2016, 27, 2314-2326.	1.0	11
64	Catalytic Enantioselective Synthesis of Halocyclopropanes. <i>Chemistry - A European Journal</i> , 2016, 22, 6239-6242.	1.7	25
65	New entries toward the synthesis of OCF <sub>3</sub> -containing molecules. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1004-1010.	2.3	152
66	Synthesis and Reactivity of <i>tert</i> -Butanesulfinyl Glycosylamines. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4330-4334.	1.2	17
67	Recent Progress toward the Introduction of Functionalized Difluoromethylated Building Blocks onto C(sp <sup>2</sup> ) and C(sp) Centers. <i>Chemistry - A European Journal</i> , 2015, 21, 12836-12865.	1.7	302
68	Copper-Mediated Synthesis of Aryldifluoromethylphosphonates: A Sandmeyer Approach. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3787-3792.	1.2	30
69	Copper-Mediated Formation of Aryl, Heteroaryl, Vinyl and Alkynyl Difluoromethylphosphonates: A General Approach to Fluorinated Phosphate Mimics. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13406-13410.	7.2	83
70	Copper-Catalyzed Innate Ethoxycarbonyldifluoromethylation of Electron-Rich Arenes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1719-1726.	1.2	43
71	Direct Vicinal Difunctionalization of Alkynes: An Efficient Approach Towards the Synthesis of Highly Functionalized Fluorinated Alkenes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2765-2789.	1.2	116
72	1,4-Addition of the CF <sub>3</sub> group, perfluoroalkyl groups and functionalized difluoromethylated moieties: An overview. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 225-240.	0.9	10

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73	Rhodium-Catalyzed Cyclopropanation of Fluorinated Olefins: A Straightforward Route to Highly Functionalized Fluorocyclopropanes. <i>Organic Letters</i> , 2015, 17, 1790-1793.	2.4	34
74	Synthesis and immunological evaluation of fluorinated $\beta$ -C-galactosylceramide analogs. <i>Journal of Fluorine Chemistry</i> , 2015, 173, 84-91.	0.9	5
75	First synthesis of diethyl N-acetyl-glycosamine-1-difluoromethylphosphonate from 2-nitroglycals as phosphate analog. <i>Journal of Fluorine Chemistry</i> , 2015, 171, 56-59.	0.9	15
76	Copper-Mediated Direct Functionalization of Unsaturated C=C Bonds with Ethyl Bromo(difluoro)acetate: A Straightforward Access to Highly Valuable Difluoromethylated Alkenes. <i>Synthesis</i> , 2014, 46, 1859-1870.	1.2	54
77	Evaluation of the PAH and water-extractable phenols content in used cross ties from the French rail network. <i>Chemosphere</i> , 2014, 111, 1-6.	4.2	10
78	Efficient access to fluorinated homoallylic alcohols through an indium promoted fluoroallylation reaction. <i>Tetrahedron</i> , 2014, 70, 3123-3133.	1.0	9
79	Stereoselective Access to $\beta$ -Glycosamines by Nitro-Michael Addition of Organolithium Reagents. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3341-3345.	1.2	13
80	Indium-Promoted Diastereoselective Addition of Fluorinated Haloallylic Derivatives to Imines. <i>Journal of Organic Chemistry</i> , 2014, 79, 2916-2925.	1.7	17
81	Recent Progress in Direct Introduction of Fluorinated Groups on Alkenes and Alkynes by means of C-H Bond Functionalization. <i>Chemistry - A European Journal</i> , 2014, 20, 16830-16845.	1.7	229
82	Copper-Catalyzed Direct C-2 Difluoromethylation of Furans and Benzofurans: Access to C-2 CF <sub>2</sub> H Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 7205-7211.	1.7	89
83	Access to Difluoromethylated Alkynes through the Castro-Stephens Reaction. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7220-7225.	1.2	17
84	$\beta$ -Nitroglycals: Versatile Building Blocks for the Synthesis of $\beta$ -Aminoglycosides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7525-7546.	1.2	25
85	Copper-catalyzed olefinic C-H difluoroacetylation of enamides. <i>Chemical Communications</i> , 2014, 50, 5887-5890.	2.2	90
86	Stereoselectivity of the Honda-Reformatsky Reaction in Reactions with Ethyl Bromodifluoroacetate with $\beta$ -Oxygenated Sulfinylimines. <i>Journal of Organic Chemistry</i> , 2014, 79, 4186-4195.	1.7	28
87	Copper-Catalyzed Direct Arylation of Cyclic Enamides Using Diaryliodonium Salts. <i>Organic Letters</i> , 2013, 15, 278-281.	2.4	92
88	A practical and straightforward access to fluorinated homoallylic alcohols in aqueous media. <i>Tetrahedron Letters</i> , 2013, 54, 2821-2824.	0.7	9
89	Diethylzinc-Mediated Addition of 2,2-Dibromo-2-fluoroacetamides to Carbonyl Compounds: Synthesis of $\beta$ -Bromo- $\beta$ -fluoro- $\beta$ -hydroxy Amides and/or $\beta$ -Fluorovinyl Amides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3278-3289.	1.2	13
90	Copper Catalyzed $\beta$ -Difluoroacetylation of Dihydropyrans and Glycals by Means of Direct C-H Functionalization. <i>Organic Letters</i> , 2013, 15, 3428-3431.	2.4	121

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91	Addition of Electrophilic Radicals to 2-Benzyloxyglycals: Synthesis and Functionalization of Fluorinated $\alpha$ -C-Glycosides and Derivatives. <i>Chemistry - A European Journal</i> , 2013, 19, 12778-12787.	1.7	29
92	Indium-Promoted Reformatsky Reaction: A Straightforward Access to $\alpha$ -Amino and $\alpha$ -Hydroxy $\alpha,\alpha$ -Difluoro Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2012, 77, 9277-9285.	1.7	50
93	Efficient C-3 functionalization of 4-dimethylaminopyridine (DMAP). A straightforward access to new chiral nucleophilic catalyts. <i>Tetrahedron Letters</i> , 2012, 53, 3284-3287.	0.7	14
94	Potassium tert-butoxide mediated Heck-type cyclization/isomerization "benzofurans from organocatalytic radical cross-coupling reactions. <i>Chemical Communications</i> , 2011, 47, 10629.	2.2	123
95	Visible light mediated azomethine ylide formation "photoredox catalyzed [3+2] cycloadditions. <i>Chemical Communications</i> , 2011, 47, 9615.	2.2	189
96	Organocatalyzed Enantioselective Protonation. , 2011, , 67-106.		9
97	Catalytic Asymmetric Protonation of Chiral Calcium Enolates via 1,4-Addition of Malonates. <i>Journal of the American Chemical Society</i> , 2010, 132, 7890-7892.	6.6	79
98	Organocatalyzed Enantioselective Protonation of Silyl Enol Ethers: Scope, Limitations, and Application to the Preparation of Enantioenriched Homoisoflavones. <i>Journal of Organic Chemistry</i> , 2010, 75, 7704-7716.	1.7	51
99	Asymmetric Mannich Reaction of Malonates with Imines Catalyzed by a Chiral Calcium Complex. <i>Journal of Organic Chemistry</i> , 2010, 75, 963-965.	1.7	57
100	Preparation of $\alpha$ -Lactams by Mannich-Type Addition of Ethyl(trimethylsilyl)acetate (ETSA) to N-(2-Hydroxyphenyl)aldimine Sodium Salts. <i>Synlett</i> , 2009, 2009, 2437-2440.	1.0	3
101	Product-Catalyzed Addition of Alkyl Nitriles to Unactivated Imines Promoted by Sodium Aryloxide/Ethyl(trimethylsilyl)acetate (ETSA) Combination. <i>Journal of Organic Chemistry</i> , 2009, 74, 3516-3519.	1.7	28
102	MacMillan's Imidazolidinones: Powerful Chiral Organocatalysts. <i>Synlett</i> , 2008, 2008, 147-148.	1.0	13
103	Straightforward Organocatalytic Enantioselective Protonation of Silyl Enolates by Means of Cinchona Alkaloids and Carboxylic Acids. <i>Synlett</i> , 2008, 2008, 2447-2450.	1.0	7
104	DMAP-Organocatalyzed O-Silyl-O-(or C)-Benzoyl Interconversions by Means of Benzoyl Fluoride. <i>Synlett</i> , 2007, 2007, 0381-0386.	1.0	8
105	Organocatalytic Enantioselective Protonation of Silyl Enolates Mediated by Cinchona Alkaloids and a Latent Source of HF. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7090-7093.	7.2	80
106	Single-Step Preparation of a 4-(Dimethylamino)pyridine Analogue Bearing a Sulfoxide as New Chiral Inducer. Preliminary Evaluation as Nucleophilic Catalyst. <i>Synlett</i> , 2005, 2005, 2285-2288.	1.0	0