FranÃ§oise Colobert

List of Publications by Year
in descending order

41	2,696	304701	276858
papers	citations	22 h-index	41 g-index

44	44	44	1830
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metal-Catalyzed Asymmetric Hydrogenation of Câ•N Bonds. ACS Catalysis, 2021, 11, 215-247.	11.2	78
2	An Improvement of the Synthesis of (1R,2S,5R)-(â€“)-Menthyl (S)-p-Toluenesulfinate. SynOpen, 2021, 05, 65-67.	1.7	1
3	Sulfoxideâ€Controlled Stereoselective Azaâ€Piancatelli Reaction. Advanced Synthesis and Catalysis, 2021, 363, 4277-4282.	4.3	7
4	Câ€“N atropopure compounds: New directions. Chem Catalysis, 2021, 1, 483-485.	6.1	21
5	Atroposelective Synthesis of Isoriccardin C through a Câˆ’H Activated Heck Type Macrocyclization. European Journal of Organic Chemistry, 2021, 2021, 1351-1354.	2.4	7
6	Access to 12-Membered Cyclic ortho,meta-Diarylheptanoids: Total Synthesis of Actinidione via Isomyricanone. Journal of Organic Chemistry, 2021, 86, 3033-3040.	3.2	0
7	Unintended Formation of a 26-Membered Cycle in the Course of a Novel Approach to Myricanol, a Strained [7,0]-Metacyclophane. Synlett, 2020, 31, 559-564.	1.8	4
8	New synthesized polyoxygenated diarylheptanoids suppress lipopolysaccharide-induced neuroinflammation. Biochemical and Biophysical Research Communications, 2020, 529, 1117-1123.	2.1	8
9	Challenging Atroposelective Câ€“H Arylation. SynOpen, 2020, 04, 107-115.	1.7	28
10	Enantioselective Synthesis of Nâ€“C Axially Chiral Compounds by Cuâ€Catalyzed Atroposelective Aryl Amination. Angewandte Chemie, 2020, 132, 8929-8933.	2.0	37
11	Enantioselective Synthesis of Nâ€“C Axially Chiral Compounds by Cuâ€Catalyzed Atroposelective Aryl Amination. Angewandte Chemie - International Edition, 2020, 59, 8844-8848.	13.8	87
12	The Affinity of Some Lewis Bases for Hexafluoroisopropanol as a Reference Lewis Acid: An ITC/DFT Study. ChemPhysChem, 2020, 21, 2136-2142.	2.1	7
13	Asymmetric, Nearly Barrierless C(sp³)â€“H Activation Promoted by Easily-Accessible N-Protected Aminosulfoxides as New Chiral Ligands. ACS Catalysis, 2019, 9, 2532-2542.	11.2	59
14	Pâ€Stereogenic Phosphonates via Dynamic Kinetic Resolution: A Route towards Enantiopure Tertiary Phosphine Oxides. European Journal of Organic Chemistry, 2019, 2019, 7836-7841.	2.4	7
15	Two Stereoinduction Events in One Câˆ’H Activation Step: A Route towards Terphenyl Ligands with Two Atropisomeric Axes. Angewandte Chemie - International Edition, 2018, 57, 4668-4672.	13.8	133
16	Two Stereoinduction Events in One Câˆ’H Activation Step: A Route towards Terphenyl Ligands with Two Atropisomeric Axes. Angewandte Chemie, 2018, 130, 4758-4762.	2.0	57
17	Increased Potency and Selectivity for Group III Metabotropic Glutamate Receptor Agonists Binding at Dual sites. Journal of Medicinal Chemistry, 2018, 61, 1969-1989.	6.4	26
18	Synthesis of Axially Chiral Câ€“N Scaffolds via Asymmetric Coupling with Enantiopure Sulfinyl Iodanes. ACS Catalysis, 2018, 8, 2805-2809.	11.2	66

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19	Stereospecific Câ€“H activation as a key step for the asymmetric synthesis of various biologically active cyclopropanes. Organic Chemistry Frontiers, 2018, 5, 409-414.	4.5	20
20	Convergent total synthesis of (Â±) myricanol, a cyclic natural diarylheptanoid. Organic and Biomolecular Chemistry, 2018, 16, 8859-8869.	2.8	9
21	Atroposelective arylation of biaryls by C-H activation. Tetrahedron, 2018, 74, 6205-6212.	1.9	19
22	Access to the Enantiopure Axially Chiral Cyclophane Isoplagiochinâ€…D through Atropoâ€diastereoselective Heck Coupling. Angewandte Chemie - International Edition, 2018, 57, 9160-9164.	13.8	16
23	Ein Zugang zum enantiomerenreinen axial chiralen Cyclophan Isoplagiochinâ€…D durch atropâ€diastereoselektive Heckâ€Kupplung. Angewandte Chemie, 2018, 130, 9300-9304.	2.0	1
24	Stereoselective Sulfinyl Anilineâ€Promoted Pdâ€Catalyzed Câ€™H Arylation and Acetoxylation of Aliphatic Amides. Chemistry - A European Journal, 2017, 23, 15594-15600.	3.3	27
25	1,1,1,3,3,3â€Hexafluoroisopropanol as a Remarkable Medium for Atroposelective Sulfoxideâ€Directed Fujiwaraâ€“Moritani Reaction with Acrylates and Styrenes. Chemistry - A European Journal, 2016, 22, 1735-1743.	3.3	111
26	Asymmetric Câ€“H activation as a modern strategy towards expedient synthesis of steganone. Tetrahedron, 2016, 72, 5238-5245.	1.9	23
27	Towards the enantioselective synthesis of axially chiral cyclic bis(bibenzyls) through sulfoxide-controlled diastereoselective Suzuki coupling. Tetrahedron, 2016, 72, 5230-5237.	1.9	9
28	Selective Claisen rearrangement and iodination for the synthesis of polyoxygenated allyl phenol derivatives. Tetrahedron Letters, 2016, 57, 4053-4055.	1.4	14
29	Enantiopure Sulfinyl Aniline as a Removable and Recyclable Chiral Auxiliary for Asymmetric C(sp³)â€™H Bond Activation. Chemistry - A European Journal, 2016, 22, 17397-17406.	3.3	50
30	A remarkable solvent effect of fluorinated alcohols on transition metal catalysed Câ€“H functionalizations. Organic Chemistry Frontiers, 2016, 3, 394-400.	4.5	172
31	Diastereoselective Substrate-Controlled Transition-Metal-Catalyzed Câ€“H Activation: An Old Solution to a Modern Synthetic Challenge. Synlett, 2015, 26, 2644-2658.	1.8	36
32	Synthesis and biological evaluation of new nucleosides derived from trifluoromethoxy-4-quinolones. Tetrahedron Letters, 2015, 56, 5112-5115.	1.4	16
33	Recent advances and new concepts for the synthesis of axially stereoenriched biaryls. Chemical Society Reviews, 2015, 44, 3418-3430.	38.1	710
34	Determination of the absolute configuration of phosphinic analogues of glutamate. Organic and Biomolecular Chemistry, 2015, 13, 1106-1112.	2.8	6
35	Synthesis of Axially Chiral Biaryls through Sulfoxideâ€Directed Asymmetric Mild Cï£¿H Activation and Dynamic Kinetic Resolution. Angewandte Chemie - International Edition, 2014, 53, 13871-13875.	13.8	226
36	A Concise Atroposelective Formal Synthesis of (â€“)â€Steganone. European Journal of Organic Chemistry, 2014, 2014, 6285-6294.	2.4	26

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37	Atropodiastereoselective Cï£¿H Olefination of Biphenyl pâ€Tolyl Sulfoxides with Acrylates. Advanced Synthesis and Catalysis, 2013, 355, 2139-2144.	4.3	140
38	Asymmetric C(sp²)ï£¿H Activation. Chemistry - A European Journal, 2013, 19, 14010-14017.	3.3	224
39	Construction of the biaryl-part of vancomycin aglycon via atropo-diastereoselective Suzukiâ€“Miyaura coupling. Organic and Biomolecular Chemistry, 2012, 10, 4095.	2.8	22
40	Transitionâ€Metalâ€Free Atropoâ€Selective Synthesis of Biaryl Compounds Based on Arynes. Chemistry - A European Journal, 2012, 18, 14232-14236.	3.3	49
41	Axial Chirality Control During Suzukiâ^'Miyaura Cross-Coupling Reactions: The tert-Butylsulfinyl Group as an Efficient Chiral Auxiliary. Organic Letters, 2009, 11, 5130-5133.	4.6	46