

Laurent Lefort

List of Publications by Year in descending order

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times ranked

1787
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective Synthesis of a 2,3-Benzodiazepine Intermediate of BET Inhibitor BAY 1238097 via Catalytic Asymmetric Hydrogenation. <i>Organic Process Research and Development</i> , 2020, 24, 255-260.	2.7	14
2	Mechanistic Complexity of Asymmetric Transfer Hydrogenation with Simple Mn-Diamine Catalysts. <i>Organometallics</i> , 2019, 38, 3187-3196.	2.3	38
3	Phosphine-free cobalt catalyst precursors for the selective hydrogenation of olefins. <i>Catalysis Science and Technology</i> , 2019, 9, 61-64.	4.1	8
4	Asymmetric Synthesis of a Key Intermediate for Tofacitinib via a Dynamic Kinetic Resolution-Reductive Amination Protocol. <i>Organic Process Research and Development</i> , 2018, 22, 1817-1822.	2.7	21
5	Ligand libraries for high throughput screening of homogeneous catalysts. <i>Chemical Society Reviews</i> , 2018, 47, 5038-5060.	38.1	63
6	Long-chain 1,2-diols from renewable fatty acids via tandem olefin metathesis-ester hydrogenation. <i>Green Chemistry</i> , 2017, 19, 1678-1684.	9.0	5
7	Non-Pincer-Type Manganese Complexes as Efficient Catalysts for the Hydrogenation of Esters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7531-7534.	13.8	169
8	Non-Pincer-Type Manganese Complexes as Efficient Catalysts for the Hydrogenation of Esters. <i>Angewandte Chemie</i> , 2017, 129, 7639-7642.	2.0	40
9	Innen-Titelbild: Non-Pincer-Type Manganese Complexes as Efficient Catalysts for the Hydrogenation of Esters (<i>Angew. Chem.</i> 26/2017). <i>Angewandte Chemie</i> , 2017, 129, 7787-7787.	2.0	0
10	Selective Hydrogenation of α,β -Unsaturated Aldehydes and Ketones by Air-Stable Ruthenium NNS Complexes. <i>Chemistry - A European Journal</i> , 2017, 23, 8473-8481.	3.3	40
11	A Formal Synthesis of (β)-Perhydrohistrionicotoxin Using a Cross Metathesis-Hydrogenation Approach. <i>Journal of Organic Chemistry</i> , 2017, 82, 8725-8732.	3.2	5
12	Supported nickel-rhenium catalysts for selective hydrogenation of methyl esters to alcohols. <i>Chemical Communications</i> , 2017, 53, 9761-9764.	4.1	42
13	Asymmetric Hydrogenation of 3-Substituted Pyridinium Salts. <i>Chemistry - A European Journal</i> , 2016, 22, 9528-9532.	3.3	29
14	Expanding the Catalytic Scope of (Cyclopentadienone)iron Complexes to the Hydrogenation of Activated Esters to Alcohols. <i>ChemCatChem</i> , 2016, 8, 3431-3435.	3.7	27
15	A Mixed Ligand Approach for the Asymmetric Hydrogenation of 2-Substituted Pyridinium Salts. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2589-2593.	4.3	18
16	Asymmetric Transfer Hydrogenation of Ketones with Modified Grubbs Metathesis Catalysts: On the Way to a Tandem Process. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 515-519.	4.3	8
17	Assisted Tandem Catalysis: Metathesis Followed by Asymmetric Hydrogenation from a Single Ruthenium Source. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2223-2228.	4.3	16
18	Synthesis of BINOL-Derived (Cyclopentadienone)iron Complexes and Their Application in the Catalytic Asymmetric Hydrogenation of Ketones. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5526-5536.	2.4	45

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19	Bis-N-heterocyclic Carbene Aminopincer Ligands Enable High Activity in Ru-Catalyzed Ester Hydrogenation. <i>Journal of the American Chemical Society</i> , 2015, 137, 7620-7623.	13.7	90
20	Chiral (Cyclopentadienone)iron Complexes for the Catalytic Asymmetric Hydrogenation of Ketones. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1887-1893.	2.4	56
21	Lutidine-Derived Ru-CNC Hydrogenation Pincer Catalysts with Versatile Coordination Properties. <i>ACS Catalysis</i> , 2014, 4, 2667-2671.	11.2	104
22	Catalytic Asymmetric Reduction of a 3,4-Dihydroisoquinoline for the Large-Scale Production of Almorexant: Hydrogenation or Transfer Hydrogenation?. <i>Organic Process Research and Development</i> , 2013, 17, 1531-1539.	2.7	26
23	Ruthenium-Catalysed Hydrogenation of Aromatic Ketones using Monodentate Phosphoramidite Ligands. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 2621-2628.	4.3	9
24	Efficient preparation of an N-aryl β -amino acid via asymmetric hydrogenation and direct asymmetric reductive amination en route to Ezetimibe. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1709-1714.	1.8	37
25	Asymmetric Hydrogenation of Quinolines Catalyzed by Iridium Complexes of Monodentate BINOL-Derived Phosphoramidites. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1081-1089.	4.3	140
26	Asymmetric Hydrogenation Using Monodentate Phosphoramidite Ligands. <i>Accounts of Chemical Research</i> , 2007, 40, 1267-1277.	15.6	369
27	A Mixed-Ligand Approach Enables the Asymmetric Hydrogenation of an β -Isopropylcinnamic Acid en Route to the Renin Inhibitor Aliskiren. <i>Organic Process Research and Development</i> , 2007, 11, 585-591.	2.7	79
28	Enantioselective synthesis of β -amino acids using rhodium-catalyzed hydrogenation. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 267-275.	2.8	60
29	High Enantioselectivity Is Induced by a Single Monodentate Phosphoramidite Ligand in Iridium-Catalyzed Asymmetric Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1497-1500.	13.8	80
30	High throughput screening of Monophos instant ligand library leads to a ton-scale asymmetric hydrogenation process. <i>Topics in Catalysis</i> , 2006, 40, 185-191.	2.8	25
31	Screening of a Supramolecular Catalyst Library in the Search for Selective Catalysts for the Asymmetric Hydrogenation of a Difficult Enamide Substrate. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1223-1227.	13.8	184
32	Rh-Catalyzed Asymmetric Hydrogenation of Prochiral Olefins with a Dynamic Library of Chiral TROPOS Phosphorus Ligands. <i>Chemistry - A European Journal</i> , 2005, 11, 6701-6717.	3.3	86
33	Instant Ligand Libraries. Parallel Synthesis of Monodentate Phosphoramidites and in Situ Screening in Asymmetric Hydrogenation. <i>Organic Letters</i> , 2004, 6, 1733-1735.	4.6	101
34	Highly Enantioselective Conjugate Additions of Potassium Organotrifluoroborates to Enones by Use of Monodentate Phosphoramidite Ligands. <i>Journal of Organic Chemistry</i> , 2004, 69, 8045-8052.	3.2	115