

Christophe Michon

List of Publications by Year in descending order

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54
papers

1,188
citations

279798

23
h-index

414414

32
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60
all docs

60
docs citations

60
times ranked

1350
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent metal-catalysed asymmetric hydroaminations of alkenes. <i>Journal of Organometallic Chemistry</i> , 2017, 847, 13-27.	1.8	61
2	Inter- and Intramolecular Hydroamination of Unactivated Alkenes Catalysed by a Combination of Copper and Silver Salts: The Unveiling of a Brønsted Acid Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3293-3305.	4.3	53
3	Metalated (1-6-arene)tricarbonylchromium complexes in organometallic chemistry. <i>Coordination Chemistry Reviews</i> , 2002, 225, 215-238.	18.8	50
4	Asymmetric Intramolecular Hydroamination of Allenes using Mononuclear Gold Catalysts. <i>Organometallics</i> , 2013, 32, 5589-5600.	2.3	50
5	Efficient hydrosilylation of imines using catalysts based on iridium(III) metallacycles. <i>Catalysis Science and Technology</i> , 2015, 5, 1452-1458.	4.1	48
6	Pentamethylcyclopentadienyl Iridium(III) Metallacycles Applied to Homogeneous Catalysis for Fine Chemical Synthesis. <i>ChemCatChem</i> , 2016, 8, 1755-1762.	3.7	47
7	A Versatile Iridium(III) Metallacycle Catalyst for the Effective Hydrosilylation of Carbonyl and Carboxylic Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4820-4826.	2.4	40
8	Chiral α -Metallo-Spiralenes Helical Molecules Conformationally Stabilised by an Organometallic Scaffold. <i>Chemistry - A European Journal</i> , 2000, 6, 1064-1077.	3.3	39
9	Regioselective hydrosilylation of terminal alkynes using pentamethylcyclopentadienyl iridium(III) metallacycle catalysts. <i>Journal of Molecular Catalysis A</i> , 2016, 423, 256-263.	4.8	39
10	Bifunctional homogeneous catalysts based on first row transition metals in asymmetric hydrogenation. <i>Coordination Chemistry Reviews</i> , 2020, 425, 213523.	18.8	39
11	Stereoselective synthesis of configurationally stable functionalized ethano-bridged Tröger bases. <i>Chemical Communications</i> , 2010, 46, 2206.	4.1	36
12	Solid-State NMR Investigations of the Immobilization of a BF_4^- Salt of a Palladium(II) Complex on Silica. <i>Journal of the American Chemical Society</i> , 2009, 131, 11801-11810.	13.7	34
13	Intermolecular Mono- and Dihydroamination of Activated Alkenes Using a Recoverable Gold Catalyst. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6218-6227.	2.4	33
14	Chiral Phase-Transfer Catalyzed Intramolecular aza-Michael Reactions for the Asymmetric Synthesis of Isoindolinones. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1995-2004.	2.4	33
15	Synthesis of Symmetrical Diaryl Ketones by Cobalt-Catalyzed Reaction of Arylzinc Reagents with Ethyl Chloroformate. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4554-4560.	2.4	31
16	Gold(I)-Catalysed Asymmetric Hydroamination of Alkenes: A Silver- and Solvent-Dependent Enantiodivergent Reaction. <i>Chemistry - A European Journal</i> , 2017, 23, 10777-10788.	3.3	31
17	Polynuclear Organometallic Helices by Means of Novel Coupling Reactions of Cyclomanganated Complexes with Aryl-Substituted Diazoalkanes: Syntheses of New Manganospiralenes and Appended (1-5-fluoren-9-yl)M(CO) ₃ Complexes (M = Mn, Re). <i>Organometallics</i> , 2002, 21, 3519-3535.	2.3	30
18	NMR enantiodifferentiation of quaternary ammonium salts of Tröger base. <i>Chirality</i> , 2009, 21, 809-817.	2.6	30

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19	Asymmetric Intramolecular Hydroamination of Alkenes in Mild and Wet Conditions—Structure and Reactivity of Cationic Binuclear Gold(I) Catalysts. <i>ChemCatChem</i> , 2014, 6, 2235-2239.	3.7	28
20	Efficient and Selective Hydrosilylation of Secondary and Tertiary Amides Catalyzed by an Iridium(III) Metallacycle: Development and Mechanistic Investigation. <i>ChemCatChem</i> , 2017, 9, 2009-2017.	3.7	28
21	Enantioenriched Isoindolinones from Chiral Phase-Transfer-Catalyzed Intramolecular Aza-Michael Reactions. <i>Synlett</i> , 2013, 24, 1785-1790.	1.8	25
22	Mononuclear gold catalysts for the asymmetric intramolecular hydroamination of alkenes. <i>Catalysis Today</i> , 2014, 235, 2-13.	4.4	25
23	Phyllosilicate-derived Nickel-cobalt Bimetallic Nanoparticles for the Catalytic Hydrogenation of Imines, Oximes and α -heteroarenes. <i>ChemCatChem</i> , 2020, 12, 4652-4663.	3.7	25
24	The Reaction of Diazocyclopentadienyl Compounds with Cyclomanganated Arenes as a Route to Ligand-Appended Cymantrenes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2107-2122.	2.0	24
25	Gold-catalysed regio- and stereoselective intermolecular hydroamination of internal alkynes: towards functionalised azoles. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3805-3811.	2.8	23
26	Cycloisomerization of (arene)chromium complexes with enyne by gold(I) catalyst for axially chiral biaryls. <i>Tetrahedron</i> , 2008, 64, 11756-11762.	1.9	21
27	Uncatalysed intermolecular aza-Michael reactions. <i>Comptes Rendus Chimie</i> , 2013, 16, 311-317.	0.5	20
28	Synthesis of syn-facial (Cr,Mn) benzyl complexes by the stereoselective thermolytic coupling of unsymmetric diazomethanes with cyclomanganated (η -6-arene)tricarbonylchromium complexes. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 846-858.	1.8	19
29	Selective Hydrosilylation of Esters to Aldehydes Catalysed by Iridium(III) Metallacycles through Trapping of Transient Silyl Cations. <i>Chemistry - A European Journal</i> , 2016, 22, 14036-14041.	3.3	19
30	Chiral tetradentate amine and tridentate aminocarbene ligands: Synthesis, reactivity and X-ray structural characterizations. <i>Inorganica Chimica Acta</i> , 2006, 359, 4549-4556.	2.4	17
31	Molybdenum(VI) dioxo complexes for the epoxidation of allylic alcohols and olefins. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 271-279.	1.8	16
32	Selective ligand-free cobalt-catalysed reduction of esters to aldehydes or alcohols. <i>Catalysis Science and Technology</i> , 2018, 8, 3504-3512.	4.1	15
33	Synthesis of (+)-2,3-PinDione, a versatile chiral 1,2-diketone. <i>Tetrahedron Letters</i> , 2002, 43, 5241-5243.	1.4	14
34	Catalytic Asymmetric Allylic Alkylation of α -Arylated Piperidinones. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4979-4985.	2.4	13
35	Regioselective organocatalyzed asymmetric bromolactonization of aryl acrylate-type carboxylic acids: a new approach towards enantioenriched 3-substituted isobenzofuranones. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 980-989.	1.8	13
36	Catalytic reductive deoxygenation of esters to ethers driven by hydrosilane activation through non-covalent interactions with a fluorinated borate salt. <i>Catalysis Science and Technology</i> , 2020, 10, 4586-4592.	4.1	13

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37	New manganese-scaffolded organic triple-deckers based on quinoxaline, pyrazine and pyrimidine cores. Dalton Transactions, 2006, , 1564-1573.	3.3	12
38	Synthesis of cyclomanganated complexes derived from 2,5-diphenyl-1,3,4-oxadiazole and their reactivity with respect to 1,1-diphenyldiazomethane: Evidence for a fluxional trihaptobenzyl coordination mode. Journal of Organometallic Chemistry, 2007, 692, 1092-1098.	1.8	12
39	Alternative strategies for the stereoselective synthesis of enantioenriched 6-arylated piperidin-2-ones. Tetrahedron: Asymmetry, 2012, 23, 998-1004.	1.8	12
40	Diastereoselective auxiliary- and catalyst-controlled intramolecular aza-Michael reaction for the elaboration of enantioenriched 3-substituted isoindolinones. Application to the synthesis of a new pazinaclole analogue. Beilstein Journal of Organic Chemistry, 2018, 14, 593-602.	2.2	10
41	Half-sandwich Nickel(II) NHC-Picolyl Complexes as Catalysts for the Hydrosilylation of Carbonyl Compounds: Evidence for NHC-Nickel Nanoparticles under Harsh Reaction Conditions. European Journal of Inorganic Chemistry, 2021, 2021, 3074-3082.	2.0	10
42	Regiochemical observations depending on electrophiles in directed lithiation of 1,3-diheteroatom substituted arene tricarbonylchromium complexes. Tetrahedron, 2009, 65, 752-756.	1.9	6
43	Preparation of chiral key intermediates of morpholine based neurokinin receptor antagonists by asymmetric allylic alkylation. Tetrahedron, 2013, 69, 6424-6430.	1.9	6
44	Total Synthesis of (â€“)Herbaric Acid through Organocatalyzed Asymmetric Halolactonization of Acrylate-Type Benzoic Acids. Synlett, 2017, 28, 225-230.	1.8	6
45	Development of Chiral C2-Symmetric N-Heterocyclic Carbene Rh(I) Catalysts through Control of Their Steric Properties. Organometallics, 2019, 38, 536-543.	2.3	6
46	One-Pot Controlled Reduction of Conjugated Amides by Sequential Double Hydrosilylation Catalyzed by an Iridium(III) Metallacycle. European Journal of Organic Chemistry, 2020, 2020, 6212-6220.	2.4	6
47	Palladium supported on magnesium hydroxyl fluoride: an effective acid catalyst for the hydrogenation of imines and N-heterocycles. New Journal of Chemistry, 2021, 45, 19572-19583.	2.8	5
48	Synthesis of a Chiral Key Intermediate of Neurokinin Antagonist SSR 240600 by Asymmetric Allylic Alkylation. Synlett, 2011, 2011, 2939-2942.	1.8	4
49	Gold(I)-Catalyzed Cycloisomerization of (Arene)chromium Complexes with Enyne Bonds Directed Towards Axially Chiral Biaryls. Synlett, 2008, 2008, 1321-1324.	1.8	3
50	Adventitious formation of a new oxopentadienyl Mn(I) tricarbonyl complex: Structural study and bonding investigation of (1-5-CH2C(Fc)CHC(Fc)O)Mn(CO)3. Journal of Organometallic Chemistry, 2011, 696, 3268-3273.	1.8	3
51	Cu nanoparticles embedded on reticular chitosan-derived N-doped carbon: Application to the catalytic hydrogenation of alkenes, alkynes and N-heteroarenes. Molecular Catalysis, 2022, 519, 112104.	2.0	3
52	Homogeneous palladium-catalyzed enantioselective hydrogenation of 5-methylenhydantoin for the synthesis of L-Valine. Journal of Organometallic Chemistry, 2020, 929, 121572.	1.8	2
53	Frontispiece: Gold(I)-Catalysed Asymmetric Hydroamination of Alkenes: Aâ€¦Silver- and Solvent-Dependent Enantiodivergent Reaction. Chemistry - A European Journal, 2017, 23, .	3.3	0
54	Regioselective organocatalyzed asymmetric bromolactonization of aryl acrylate-type carboxylic acids. A new approach towards enantioenriched 3-substituted isobenzofuranones., 0, , .		0