Olivier Riant

List of Publications by Year
in descending order

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135 papers	6,656 citations	61945 43 h-index	69214 77 g-index
164 all docs	164 docs citations	164 times ranked	5976 citing authors

#	Article	IF	Citations
1	Catalytic asymmetric Diels Alder reactions. Chemical Reviews, 1992, 92, 1007-1019.	23.0	801
2	Asymmetric catalysis for the construction of quaternary carbon centres: nucleophilic addition on ketones and ketimines. Organic and Biomolecular Chemistry, 2007, 5, 873.	1.5	421
3	A general asymmetric synthesis of ferrocenes with planar chirality. Journal of the American Chemical Society, 1993, 115, 5835-5836.	6.6	275
4	An Efficient Asymmetric Synthesis of 2-Substituted Ferrocenecarboxaldehydes. Journal of Organic Chemistry, 1997, 62, 6733-6745.	1.7	266
5	Recent Advances in the Asymmetric Hydrosilylation of Ketones, Imines and Electrophilic Double Bonds. Synthesis, 2004, 2004, 2943-2958.	1.2	260
6	Asymmetric Synthesis and Highly Diastereoselectiveortho-Lithiation of Ferrocenyl Sulfoxides. Application to the Synthesis of Ferrocenyl Derivatives with Planar Chirality. Angewandte Chemie International Edition in English, 1993, 32, 568-570.	4.4	188
7	A Straightforward Asymmetric Synthesis of Enantiopure 1,2-Disubstituted Ferrocenes. Journal of Organic Chemistry, 1998, 63, 3511-3514.	1.7	165
8	Highly Diastereo- and Enantioselective Copper-Catalyzed Domino Reduction/Aldol Reaction of Ketones with Methyl Acrylate. Angewandte Chemie - International Edition, 2006, 45, 1292-1297.	7.2	163
9	The SIRT1/HIF2Î± Axis Drives Reductive Glutamine Metabolism under Chronic Acidosis and Alters Tumor Response to Therapy. Cancer Research, 2014, 74, 5507-5519.	0.4	139
10	Efficient Enantioselective Hydrosilylation of Ketones Catalyzed by Air Stable Copper Fluorideâ^'Phosphine Complexes. Organic Letters, 2001, 3, 4111-4113.	2.4	131
11	Interruption of lactate uptake by inhibiting mitochondrial pyruvate transport unravels direct antitumor and radiosensitizing effects. Nature Communications, 2018, 9, 1208.	5.8	124
12	Copper/Palladiumâ€Catalyzed 1,4 Reduction and Asymmetric Allylic Alkylation of Î±,Î²â€Unsaturated Ketones: Enantioselective Dual Catalysis. Angewandte Chemie - International Edition, 2013, 52, 3208-3212.	7.2	116
13	Transforming Carbonic Anhydrase into Epoxide Synthase by Metal Exchange. ChemBioChem, 2006, 7, 1013-1016.	1.3	109
14	Acyl Fluorides as Efficient Electrophiles for the Copper-Catalyzed Boroacylation of Allenes. ACS Catalysis, 2017, 7, 8200-8204.	5.5	103
15	Copperâ€Catalysed Domino Silylative Aldol Reaction Leading to Stereocontrolled Chiral Quaternary Carbons. Chemistry - A European Journal, 2010, 16, 10980-10983.	1.7	89
16	Copper(I)-Catalyzed Enantio- and Diastereoselective Tandem Reductive Aldol Reaction. Organic Letters, 2006, 8, 5943-5946.	2.4	88
17	Antitumor Activity of 7-Aminocarboxycoumarin Derivatives, a New Class of Potent Inhibitors of Lactate Influx but Not Efflux. Molecular Cancer Therapeutics, 2014, 13, 1410-1418.	1.9	88
18	A Three-Component Tandem Reductive Aldol Reaction Catalyzed by N-Heterocyclic Carbeneâ^'Copper Complexes. Organic Letters, 2006, 8, 6059-6062.	2.4	86

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19	Enantioselective Pinacol Coupling of Aldehydes Mediated and Catalyzed by Chiral Titanium Complexes. Organic Letters, 2001, 3, 3863-3865.	2.4	81
20	Asymmetric Diels-Alder reaction catalyzed by chiral bases. Tetrahedron Letters, 1989, 30, 7403-7406.	0.7	80
21	Copper-Catalyzed Cross-Coupling of Vinylsiloxanes with Bromoalkynes: Synthesis of Enynes. Organic Letters, 2014, 16, 3024-3027.	2.4	80
22	Efficient Construction of Polycyclic Derivatives via a Highly Selective Cu^I-Catalyzed Domino Reductive-Aldol Cyclization. Organic Letters, 2009, 11, 1217-1220.	2.4	79
23	Copperâ€Catalyzed Addition of Nucleophilic Silicon to Aldehydes. Angewandte Chemie - International Edition, 2013, 52, 1785-1788.	7.2	77
24	Asymmetric Diels-Alder reaction catalysed by some chiral Lewis acids. Tetrahedron: Asymmetry, 1990, 1, 199-214.	1.8	70
25	Mechanistic Insight into the (NHC)copper(I)-Catalyzed Hydrosilylation of Ketones. Organometallics, 2014, 33, 1953-1963.	1.1	70
26	Cu^I/Pd⁰ Cooperative Dual Catalysis: Tunable Stereoselective Construction of Tetraâ€Substituted Alkenes. Chemistry - A European Journal, 2014, 20, 1834-1838.	1.7	69
27	Application of N,S-chelating chiral ligands and zinc complexes in catalytic asymmetric hydrosilylation using polymethylhydrosiloxane. Tetrahedron: Asymmetry, 2005, 16, 1889-1891.	1.8	67
28	A New Class of Ferrocene-Based l,2-Bis(phosphanes) Possessing only Planar Chirality. European Journal of Organic Chemistry, 2000, 2000, 2893-2899.	1.2	64
29	Asymmetric base-catalyzed cycloaddition between anthrone and some dienophiles. Tetrahedron, 1994, 50, 4543-4554.	1.0	61
30	Catalysis with Gold Complexes Immobilised on Carbon Nanotubes by Ï€â€“Ï€ Stacking Interactions: Heterogeneous Catalysis versus the Boomerang Effect. Chemistry - A European Journal, 2013, 19, 12009-12017.	1.7	60
31	Synthesis of chiral carbocations linked to a ferrocene unit. Tetrahedron Letters, 1995, 36, 3513-3516.	0.7	58
32	Synthesis and pharmacological evaluation of carboxycoumarins as a new antitumor treatment targeting lactate transport in cancer cells. Bioorganic and Medicinal Chemistry, 2013, 21, 7107-7117.	1.4	56
33	Molecular Engineering of Trifunctional Supported Catalysts for the Aerobic Oxidation of Alcohols. Angewandte Chemie - International Edition, 2016, 55, 11044-11048.	7.2	55
34	Colorimetric Detection of Cu[II] Cation and Acetate, Benzoate, and Cyanide Anions by Cooperative Receptor Binding in New Î±,Î±â€˜-Bis-substituted Donorâ“Acceptor Ferrocene Sensors. Journal of Organic Chemistry, 2007, 72, 4673-4688.	1.7	54
35	Correlation between the Structure and Wettability of Photoswitchable Hydrophilic Azobenzene Monolayers on Silicon. Langmuir, 2011, 27, 9403-9412.	1.6	54
36	Application of CuAAC for the covalent immobilization ofÂhomogeneous catalysts. Tetrahedron, 2014, 70, 1709-1731.	1.0	54

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37	Reducing the serine availability complements the inhibition of the glutamine metabolism to block leukemia cell growth. Oncotarget, 2016, 7, 1765-1776.	0.8	53
38	Unprecedented Copper(I) Bifluoride Complexes: Synthesis, Characterization and Reactivity. Chemistry - A European Journal, 2012, 18, 793-798.	1.7	51
39	Synthesis of Trifluoromethyl-allenes by Gold-Catalyzed Rearrangement of Propargyl Benzyl Ethers. Organic Letters, 2016, 18, 5162-5165.	2.4	50
40	Low Photosensitizer Dose and Early Radiotherapy Enhance Antitumor Immune Response of Photodynamic Therapy-Based Dendritic Cell Vaccination. Frontiers in Oncology, 2019, 9, 811.	1.3	47
41	An easy route toward enantio-enriched polycyclic derivatives via an asymmetric domino conjugate reductionâ€“aldol cyclization catalyzed by a chiral Cu(I) complex. Tetrahedron, 2012, 68, 3457-3467.	1.0	45
42	Versatile Cu^I/Pd⁰ Dual Catalysis for the Synthesis of Quaternary Î±â€Allylated Carbonyl Compounds: Development, Mechanistic Investigations and Scope. Chemistry - A European Journal, 2014, 20, 10970-10981.	1.7	44
43	Capturing the Monomeric (L)CuH in NHCâ€Capped Cyclodextrin: Cavityâ€Controlled Chemoselective Hydrosilylation of Î±,Î²â€Unsaturated Ketones. Angewandte Chemie - International Edition, 2020, 59, 7591-7597.	7.2	44
44	One â€œClickâ€•to controlled bifunctional supported catalysts for the Cu/TEMPO-catalyzed aerobic oxidation of alcohols. RSC Advances, 2016, 6, 36602-36605.	1.7	39
45	Hybrid materials of platinum nanoparticles and thiol-functionalized graphene derivatives. Carbon, 2014, 66, 285-294.	5.4	38
46	Synthesis of Novel Î²-Keto-Enol Derivatives Tethered Pyrazole, Pyridine and Furan as New Potential Antifungal and Anti-Breast Cancer Agents. Molecules, 2015, 20, 20186-20194.	1.7	38
47	Asymmetric synthesis of chiral ferrocenyl fulleropyrrolidines as potential building blocks for new materials. Tetrahedron, 2001, 57, 2555-2561.	1.0	36
48	Cocrystallizationâ€Induced Spontaneous Deracemization: A General Thermodynamic Approach to Deracemization. Angewandte Chemie - International Edition, 2020, 59, 11303-11306.	7.2	36
49	Copper catalyzed tandem conjugated borylationâ€“aldol reaction. Tetrahedron, 2012, 68, 3435-3443.	1.0	34
50	Asymmetric synthesis of a chiral tetradentate ligand based on a bis[diphenylphosphinoferrocenyl] moiety. Electrochemical behavior of free ligand and its RuII and CuI complexes. Journal of Organometallic Chemistry, 1996, 511, 193-197.	0.8	32
51	Synthesis of Acylsilanes by Copper(I)â€Catalyzed Addition of Silicon Nucleophiles onto Acid Derivatives. Advanced Synthesis and Catalysis, 2013, 355, 3137-3140.	2.1	31
52	A new ER-specific photosensitizer unravels 1O2-driven protein oxidation and inhibition of deubiquitinases as a generic mechanism for cancer PDT. Oncogene, 2016, 35, 3976-3985.	2.6	31
53	Biosynthesis of the nickel-pincer nucleotide cofactor of lactate racemase requires a CTP-dependent cyclometallase. Journal of Biological Chemistry, 2018, 293, 12303-12317.	1.6	31
54	Re-Evaluating the Mechanism of Action of Î±,Î²-Unsaturated Carbonyl DUB Inhibitors b-AP15 and VLX1570: A Paradigmatic Example of Unspecific Protein Cross-linking with Michael Acceptor Motif-Containing Drugs. Journal of Medicinal Chemistry, 2020, 63, 3756-3762.	2.9	31

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55	Copper-catalyzed Hiyama cross-coupling using vinylsilanes and benzylic electrophiles. Chemical Communications, 2014, 50, 8018-8020.	2.2	30
56	Covalently and non-covalently immobilized clusters onto nanocarbons as catalysts precursors for cinnamaldehyde selective hydrogenation. Journal of Catalysis, 2015, 329, 389-400.	3.1	30
57	Synthesis of poly-ferrocene heterocycles by cycloaddition of mono- or bis(ferrocenecarbonyl)acetylenes and bis[1,2]dithiolo[1,4]thiazinethiones. Tetrahedron, 2002, 58, 9785-9792.	1.0	28
58	NHCâ€“copper(I) bifluoride complexes: â€œAuto-activatingâ€•catalysts. Journal of Organometallic Chemistry, 2013, 730, 95-103.	0.8	28
59	The effect of the migrating group structure on enantioselectivity in lipase-catalyzed kinetic resolutionÂofÂ1-phenylethanol. Comptes Rendus Chimie, 2016, 19, 971-977.	0.2	28
60	Green methodology for enzymatic hydrolysis of acetates in non-aqueous media via carbonate salts. Tetrahedron: Asymmetry, 2012, 23, 828-833.	1.8	27
61	Photodynamic Therapy-Based Dendritic Cell Vaccination Suited to Treat Peritoneal Mesothelioma. Cancers, 2020, 12, 545.	1.7	27
62	New efficient copper fluoride-based catalyst for enantioselective hydrosilylation of ketones in aerobic conditions. Israel Journal of Chemistry, 2001, 41, 231-240.	1.0	26
63	Improving the selectivity to 4-tert-butylresorcinol by adjusting the surface chemistry of heteropolyacid-based alkylation catalysts. Journal of Catalysis, 2018, 359, 198-211.	3.1	26
64	Radical Addition of Xanthates on Carbon Nanotubes as an Efficient Covalent Functionalization Method. Chemistry - A European Journal, 2013, 19, 852-856.	1.7	25
65	Stereoselective synthesis of some chiral ?-ferrocenyl carbenium ions. Chirality, 1997, 9, 478-486.	1.3	24
66	Design of a Genetic Algorithm for the Simulated Evolution of a Library of Asymmetric Transfer Hydrogenation Catalysts. Chemistry - A European Journal, 2009, 15, 6267-6278.	1.7	23
67	Thicker is Better? Synthesis and Evaluation of Wellâ€Ðefined Polymer Brushes with Controllable Catalytic Loadings. Chemistry - A European Journal, 2012, 18, 16226-16233.	1.7	22
68	Copper-Catalyzed Silylcupration of Activated Alkynes. Synthesis, 2016, 48, 3373-3381.	1.2	21
69	Kolbe Anodic Decarboxylation as a Green Way To Access 2-Pyrrolidinones. Organic Letters, 2020, 22, 1771-1775.	2.4	21
70	Effect of alkaloids on the activity and selectivity of Candida rugosa lipase in the kinetic resolution of 2-hydroxymethyl-1-phenylthioferrocene with planar chirality. Tetrahedron: Asymmetry, 2008, 19, 2378-2384.	1.8	20
71	Racemization of secondary alcohols catalyzed by ruthenium: application to chemoenzymatic dynamic resolution. Tetrahedron: Asymmetry, 2011, 22, 1790-1796.	1.8	20
72	Reversible Photomodulation of the Swelling of Poly(oligo(ethylene glycol) methacrylate) Thermoresponsive Polymer Brushes. Macromolecules, 2012, 45, 9400-9408.	2.2	20

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73	A green route to enantioenriched (S)-arylalkyl carbinols by deracemization via combined lipase alkaline-hydrolysis/Mitsunobu esterification. Tetrahedron: Asymmetry, 2013, 24, 290-296.	1.8	19
74	A radical exchange process: synthesis of bicyclo[1.1.1]pentane derivatives of xanthates. Chemical Communications, 2019, 55, 14976-14979.	2.2	19
75	Hydrosilylation of Imines. , 0, , 321-337.		18
76	Chemoenzymatic synthesis of optically active 1,2-disubstituted ferrocenes with planar chirality. Tetrahedron: Asymmetry, 2009, 20, 1371-1377.	1.8	18
77	Mechanism of ketone hydrosilylation using NHCâ€“Cu(I) catalysts: a computational study. Theoretical Chemistry Accounts, 2012, 131, 1.	0.5	17
78	A covalently anchored homogeneous gold complex on carbon nanotubes: a reusable catalyst. Chemical Communications, 2013, 49, 10504.	2.2	17
79	Synthesis of Carbonate Esters by Carboxymethylation Using NaAlO₂ as a Highly Active Heterogeneous Catalyst. Organic Process Research and Development, 2018, 22, 1846-1851.	1.3	17
80	Effet de la quantitÃ© de lipase sur la sÃ©lectivitÃ© du dÃ©doublement cinÃ©tique par acylation enzymatique des arylalkylcarbinols. Comptes Rendus Chimie, 2011, 14, 978-986.	0.2	16
81	[2+2+2] Cyclotrimerisation of bisaryl acetylene bearing ferrocenyl units with planar chirality: synthesis of enantiopure conjugated polyferrocene complexes. Journal of Organometallic Chemistry, 2001, 637-639, 84-88.	0.8	15
82	A theoretical study of the electronic effect of the ligand bite angle on the hydrosilylation reaction of ketones by Cu(I) diphosphine complexes. Journal of Organometallic Chemistry, 2011, 696, 3425-3430.	0.8	15
83	Easy kinetic resolution of some Î²-amino alcohols by Candida antarctica lipase B catalyzed hydrolysis in organic media. Tetrahedron: Asymmetry, 2016, 27, 1253-1259.	1.8	15
84	Copperâ€Catalyzed Oneâ€Pot Borylative Aldolisation Î²â€Fluoride Elimination for the Formal Addition of Acrylates to Carbonyl Moieties. Chemistry - A European Journal, 2018, 24, 9234-9237.	1.7	15
85	Enantioâ€, Regioâ€and Chemoselective Copperâ€Catalyzed 1,2â€Hydroborylation of Acylsilanes. Chemistry - A European Journal, 2019, 25, 8705-8708.	1.7	15
86	Oneâ€Step Double Covalent Functionalization of Reduced Graphene Oxide with Xanthates and Peroxides. Chemistry - A European Journal, 2014, 20, 15009-15012.	1.7	14
87	Easy preparation of enantiomerically enriched heteroaromatic alcohols through lipase-catalyzed acylation with succinic anhydride under unconventional activation. Bioprocess and Biosystems Engineering, 2015, 38, 1579-1588.	1.7	14
88	Recruiting the Students To Fight Cancer: Total Synthesis of Goniothalamin. Journal of Chemical Education, 2015, 92, 179-182.	1.1	14
89	Molecular Engineering of Trifunctional Supported Catalysts for the Aerobic Oxidation of Alcohols. Angewandte Chemie, 2016, 128, 11210-11214.	1.6	14
90	Production of l-menthyl acetate through kinetic resolution byÂCandida cylindracea lipase: effects of alkaloids as additives. Research on Chemical Intermediates, 2018, 44, 6847-6860.	1.3	14

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91	Synthesis and Catalytic Applications of Multiâ€Walled Carbon Nanotubeâ€“Polyamidoamine Dendrimer Hybrids. Chemistry - A European Journal, 2018, 24, 12992-13001.	1.7	14
92	Copperâ€Catalyzed Vinylsilane Allylation. European Journal of Organic Chemistry, 2014, 2014, 35-38.	1.2	13
93	Capturing the Monomeric (L)CuH in NHCâ€Capped Cyclodextrin: Cavityâ€Controlled Chemoselective Hydrosilylation of Î±,Î²â€Unsaturated Ketones. Angewandte Chemie, 2020, 132, 7661-7667.	1.6	13
94	Cytotoxic activities and metabolic studies of new combretastatin analogues. Medicinal Chemistry Research, 2015, 24, 3143-3156.	1.1	11
95	Preclinical Evaluation of White Led-Activated Non-porphyrinic Photosensitizer OR141 in 3D Tumor Spheroids and Mouse Skin Lesions. Frontiers in Oncology, 2018, 8, 393.	1.3	11
96	Grafting Control of Mainstay Terpyridine Self-Assembled Monolayers for the Preparation of Planar Silicon Surfaces with Variable Catalytic Loadings. Langmuir, 2012, 28, 14822-14828.	1.6	10
97	Increased Catalytic Activity of Surfaceâ€Immobilized Palladium Complexes in the Fluorogenic Deprotection of an Allocâ€Derivatized Coumarin. Chemistry - A European Journal, 2012, 18, 788-792.	1.7	10
98	Transmetalation of Alkylzirconocenes in Copperâ€Catalyzed Alkylâ€“Alkynyl Crossâ€Coupling Reactions. Advanced Synthesis and Catalysis, 2017, 359, 2425-2433.	2.1	10
99	Cocrystallizationâ€Induced Spontaneous Deracemization: A General Thermodynamic Approach to Deracemization. Angewandte Chemie, 2020, 132, 11399-11402.	1.6	10
100	Green Synthesis of Benzamides in Solvent- and Activation-Free Conditions. Synthetic Communications, 2014, 44, 2364-2376.	1.1	9
101	Effects of Thickness and Grafting Density on the Activity of Polymerâ€Brushâ€Immobilized Tris(triazolyl) Copper(I) Catalysts. ChemCatChem, 2015, 7, 856-864.	1.8	9
102	Recent Developments in the Chemistry of Vinylsiloxanes. Synthesis, 2016, 48, 4400-4422.	1.2	9
103	Preparation of magnetically recoverable carbon nanotube-supported Pd(II) catalyst. Catalysis Today, 2019, 334, 24-29.	2.2	9
104	Co-Crystallization-Induced Spontaneous Deracemization: An Optimization Study. Organic Process Research and Development, 2021, 25, 884-891.	1.3	9
105	Asymmetric synthesis and electrochemical behaviour of a C2 chiral bisferrocenyl orthoquinone. Chemical Communications, 1998, , 2353-2354.	2.2	8
106	Diastereoselective and enantioselective alkaline-hydrolysis of 2-aryl-1-cyclohexyl acetate: a CAL-B catalyzed deacylation/acylation tandem process. Tetrahedron: Asymmetry, 2017, 28, 1644-1650.	1.8	8
107	Synthesis and evaluation of hemisalen type ligands based on chiral diamine and their use with ruthenium (II) as water-soluble catalysts for the ATH of aromatic ketones. Journal of Organometallic Chemistry, 2018, 868, 95-101.	0.8	8
108	One Pot Synthesis and In Vitro Antitumor Activity of some Bipyrazolic Tripodal Derivatives. Letters in Drug Design and Discovery, 2012, 9, 305-309.	0.4	8

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109	Covalent Functionalization of Carbon Nanotubes with Xanthates and Peroxides. European Journal of Organic Chemistry, 2015, 2015, 1804-1810.	1.2	7
110	Library of Synthetic Compounds Based on Pyrazole Unit: Design and Screening Against Breast and Colorectal Cancer. Letters in Drug Design and Discovery, 2014, 11, 1010-1016.	0.4	7
111	Application of the Siegrist Condensation to the Synthesis of Conjugated Enantiopure Bis(styryl)ferrocenes. Synthesis, 1999, 1999, 459-462.	1.2	6
112	Air-Accelerated Enantioselective Hydrosilylation of Ketones Catalyzed by Copper(I) Fluoride-Diphosphine Complexes: Investigations of the Effects of Temperature and Ligand Structure. Synthesis, 2007, 2007, 1265-1271.	1.2	6
113	Versatile Twoâ€Step Functionalization of Nanocarbons: Grafting of Propargylic Groups and Click Postâ€Functionalization. ChemistryOpen, 2017, 6, 231-235.	0.9	6
114	Synthesis of 1,2-disubstituted aminoarylferrocene as direct route to enantioenriched 2-hydroxymethyl-1-phenylferrocene via enzymatic kinetic resolution. Research on Chemical Intermediates, 2017, 43, 5293-5303.	1.3	6
115	(Î·⁵â€Pentamethylcyclopentadienyl)iridium Complex Catalyzed Imine Reductions Utilizing the Biomimetic 1,4â€NAD(P)H Cofactor and Nâ€Benzylâ€1,4â€dihydronicotinamide as the Hydrideâ€Transfer Agent. ChemCatChem, 2017, 9, 929-933.	1.8	6
116	Gold-catalyzed synthesis of Î²-trifluoromethylated Î±,Î²-unsaturated ketones from CF3-substituted propargylic carboxylates and their reactivity in Diels-Alder reactions. Tetrahedron, 2018, 74, 5232-5239.	1.0	6
117	Carbonâ€Nanotubeâ€Appended PAMAM Dendrimers Bearing Iron(II) Î±â€Keto Acid Complexes: Catalytic Nonâ€Heme Oxygenase Models. Chemistry - A European Journal, 2019, 25, 9191-9196.	1.7	6
118	Enantioselective Enzymatic Synthesis of (R)â€Phenyl Alkyl Esters and Their Analogue Amides using Fatty Acids as Green Acyl Donors.. ChemistrySelect, 2021, 6, 13941-13946.	0.7	6
119	Functionalised polyferrocene complexes: synthesis and mixed-valency properties. New Journal of Chemistry, 2004, 28, 585.	1.4	5
120	Ketone hydrosilylation by Cu(I) diphosphine complexes: A kinetic study. Journal of Organometallic Chemistry, 2013, 745-746, 133-139.	0.8	5
121	Validation of a SPE HPLCâ€“UV method for the quantification of a new ER-specific photosensitizer OR-141 in blood serum using total error concept. Journal of Pharmaceutical and Biomedical Analysis, 2017, 141, 87-94.	1.4	5
122	Copper(I) Diphosphine Bifluoride Complexes as Efficient Preactivated Catalysts for Nucleophilic Addition on Unsaturated Functional Groups. Organic Process Research and Development, 2020, 24, 835-840.	1.3	5
123	Design and Synthesis of New Octupolar Molecules for Second-Harmonic Generation. Molecular Crystals and Liquid Crystals, 1998, 322, 35-42.	0.3	4
124	High Throughput Screening and Evolution of a Library of Ligands in Asymmetric H-Transfer Reduction of Acetophenone. Combinatorial Chemistry and High Throughput Screening, 2010, 13, 393-413.	0.6	4
125	Screening of a library of hemisalen ligands in asymmetric H-transfer: Reduction of aromatic ketones in water. Comptes Rendus Chimie, 2014, 17, 403-412.	0.2	4
126	Covalent Grafting of BPin functions on Carbon Nanotubes and Chanâ€“Lamâ€“Evans Postâ€Functionalization. Chemistry - A European Journal, 2019, 25, 1436-1440.	1.7	4

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127	Fungicide Precursor Racemization Kinetics for Deracemization in Complex Systems. European Journal of Organic Chemistry, 2021, 2021, 473-482.	1.2	3
128	CAL-B-mediated efficient synthesis of a set of valuable amides by direct amidation of phenoxy- and aryl-propionic acids. Chemical Papers, 2021, 75, 4045-4053.	1.0	2
129	Chemoselective Synthesis of Acyclic Acetals by Natural Kaolin under Green Chemistry Conditions. ChemistrySelect, 2022, 7, .	0.7	2
130	Tetrabutylammonium Bifluoride as an Efficient Activating Agent for Copper-Catalyzed Vinylsilane Cross-Coupling Reactions. Synlett, 2017, 28, 2465-2467.	1.0	1
131	Continuous Flow Electrochemical Oxidative Cyclization and Successive Functionalization of 2-Pyrrolidinones. Organic Process Research and Development, 2021, 25, 2631-2638.	1.3	1
132	Recent Advances in the Asymmetric Hydrosilylation of Ketones, Imines and Electrophilic Double Bonds. ChemInform, 2005, 36, no.	0.1	0
133	Application of N,S-Chelating Chiral Ligands and Zinc Complexes in Catalytic Asymmetric Hydrosilylation Using Polymethylhydrosiloxane.. ChemInform, 2005, 36, no.	0.1	0
134	Dendrimeric and Corresponding Monometallic Iridium(III) Catalysts Bound to Carbon Nanotubes Used in Hydroamination Transformations. European Journal of Inorganic Chemistry, 2021, 2021, 3448-3457.	1.0	0
135	Mechanism of ketone hydrosilylation using NHCâ€“Cu(I) catalysts: a computational study. Highlights in Theoretical Chemistry, 2014, , 135-147.	0.0	0