

Cedric Fischmeister

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6936675/cedric-fischmeister-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101
papers

4,103
citations

40
h-index

61
g-index

134
ext. papers

4,363
ext. citations

5.8
avg. IF

5.5
L-index

#	Paper	IF	Citations
101	Cross metathesis of (-)- α -pinene, (-)-limonene and terpenoids derived from limonene with internal olefins. <i>Applied Catalysis A: General</i> , 2021 , 623, 118284	5.1	2
100	Convenient synthesis of cobalt nanoparticles for the hydrogenation of quinolines in water. <i>Catalysis Science and Technology</i> , 2020 , 10, 4820-4826	5.5	8
99	Tandem hydroformylation/isomerization/hydrogenation of bio-derived 1-arylbutadienes for the regioselective synthesis of branched aldehydes. <i>Applied Catalysis A: General</i> , 2020 , 598, 117583	5.1	2
98	Functionalization of (-)- α -pinene and (-)-limonene via cross metathesis with symmetrical internal olefins. <i>Catalysis Communications</i> , 2020 , 135, 105893	3.2	4
97	Acceptorless and Base-Free Dehydrogenation of Alcohols Mediated by a Dipyridylamine-Iridium(III) Catalyst. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 4326-4330	3.2	3
96	Transformations of bio-sourced 4-hydroxyphenylpropanoids based on olefin metathesis. <i>ChemCatChem</i> , 2020 , 12, 5000-5021	5.2	5
95	2,2'Dipyridylamines: more than just sister members of the bipyridine family. Applications and achievements in homogeneous catalysis and photoluminescent materials. <i>Dalton Transactions</i> , 2019 , 48, 11599-11622	4.3	5
94	Iridium-Catalyzed Hydrogenation and Dehydrogenation of N-Heterocycles in Water under Mild Conditions. <i>ChemSusChem</i> , 2019 , 12, 2350-2354	8.3	34
93	Formic acid as a hydrogen source for the iridium-catalyzed reductive amination of levulinic acid and 2-formylbenzoic acid. <i>Catalysis Science and Technology</i> , 2019 , 9, 4077-4082	5.5	15
92	Silver-Catalyzed Hydrogenation of Ketones under Mild Conditions. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 786-790	5.6	7
91	Base-Free Dehydrogenation of Aqueous and Neat Formic Acid with Iridium(III) Cp*(dipyridylamine) Catalysts. <i>ChemSusChem</i> , 2019 , 12, 179-184	8.3	32
90	Transformations of terpenes and terpenoids via carbon-carbon double bond metathesis. <i>Catalysis Science and Technology</i> , 2018 , 8, 3989-4004	5.5	19
89	Alkene Metathesis for Transformations of Renewables. <i>Topics in Organometallic Chemistry</i> , 2018 , 77-102, 6	0.6	3
88	Ruthenium and Iridium Dipyridylamine Catalysts for the Efficient Synthesis of γ -Valerolactone by Transfer Hydrogenation of Levulinic Acid. <i>Organometallics</i> , 2017 , 36, 708-713	3.8	31
87	First elaboration of an olefin metathesis catalytic membrane by grafting a Hoveyda-Grubbs precatalyst on zirconia membranes. <i>Comptes Rendus Chimie</i> , 2017 , 20, 952-966	2.7	5
86	Syntheses and characterization of molecular weight enlarged olefin metathesis pre-catalysts. <i>Comptes Rendus Chimie</i> , 2017 , 20, 717-723	2.7	6
85	Selective and Efficient Iridium Catalyst for the Reductive Amination of Levulinic Acid into Pyrrolidones. <i>ChemSusChem</i> , 2017 , 10, 4150-4154	8.3	45

84	Efficient Iridium Catalysts for Base-Free Hydrogenation of Levulinic Acid. <i>Organometallics</i> , 2017 , 36, 3153-3162	4.3	24
83	Ene-yne Cross-Metathesis for the Preparation of 2,3-Diaryl-1,3-dienes. <i>Catalysts</i> , 2017 , 7, 365	4	3
82	Ethenolysis: A Green Catalytic Tool to Cleave Carbon-Carbon Double Bonds. <i>Chemistry - A European Journal</i> , 2016 , 22, 12226-44	4.8	80
81	Synthesis of Bioactives Coumarin Derivatives, Phthalocyanines and Terminal Conjugated Dienes via a Ruthenium Catalyzed Cross-Metathesis: Application to Renewable Resources. <i>Materials Science Forum</i> , 2016 , 842, 1-45	0.4	
80	Alkene Metathesis Catalysis: A Key for Transformations of Unsaturated Plant Oils and Renewable Derivatives. <i>Oil and Gas Science and Technology</i> , 2016 , 71, 19	1.9	9
79	Ruthenium(II) and iridium(III) complexes featuring NHC-sulfonate chelate. <i>Dalton Transactions</i> , 2015 , 44, 17467-72	4.3	15
78	Cross metathesis of unsaturated epoxides for the synthesis of polyfunctional building blocks. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1876-80	2.5	6
77	Cross metathesis of bio-sourced fatty nitriles with acrylonitrile. <i>Monatshefte für Chemie</i> , 2015 , 146, 1107-1113	1.1	14
76	Olefin metathesis transformations in thermomorphic multicomponent solvent systems. <i>Catalysis Communications</i> , 2015 , 63, 31-34	3.2	10
75	Cross-metathesis of fatty acid methyl esters with acrolein: An entry to a variety of bifunctional compounds. <i>European Journal of Lipid Science and Technology</i> , 2015 , 117, 209-216	3	14
74	Olefin Metathesis in Green Organic Solvents and without Solvent 2014 , 523-535		8
73	Ruthenium-Catalyzed Synthesis of 1,2-Diketones from Alkynes. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 5071-5077	3.2	25
72	Terminal conjugated dienes via a ruthenium-catalyzed cross-metathesis/elimination sequence: application to renewable resources. <i>Catalysis Science and Technology</i> , 2014 , 4, 2064-2071	5.5	22
71	Ruthenium catalyzed ethenolysis of renewable oleonitrile. <i>European Journal of Lipid Science and Technology</i> , 2014 , 116, 1583-1589	3	19
70	Z Selectivity: Recent Advances in one of the Current Major Challenges of Olefin Metathesis. <i>ChemCatChem</i> , 2013 , 5, 3436-3459	5.2	64
69	Stepwise catalytic transformations of renewable feedstock arising from plant oils. <i>European Journal of Lipid Science and Technology</i> , 2013 , 115, 490-500	3	10
68	Ruthenium(II)-catalyzed selective monoarylation in water and sequential functionalisations of C-H bonds. <i>Green Chemistry</i> , 2013 , 15, 67-71	10	65
67	Synthesis and Characterization of Sterically Enlarged Hoveyda-Type Olefin Metathesis Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 54-60	2.3	16

66	Interest of the Precatalyst Design for Olefin Metathesis Operating in a Discontinuous Nanofiltration Membrane Reactor. <i>ChemPlusChem</i> , 2013 , 78, 728-736	2.8	15
65	RTILs in Catalytic Olefin Metathesis Reactions. <i>Topics in Organometallic Chemistry</i> , 2013 , 287-305	0.6	2
64	Silica and zirconia supported olefin metathesis pre-catalysts: Synthesis, catalytic activity and multiple-use in dimethyl carbonate. <i>Journal of Molecular Catalysis A</i> , 2012 , 357, 73-80		22
63	Eugenol as a renewable feedstock for the production of polyfunctional alkenes via olefin cross-metathesis. <i>RSC Advances</i> , 2012 , 2, 9584	3.7	58
62	Ruthenium-Benzylidenes and Ruthenium-Indenylidenes as Efficient Catalysts for the Hydrogenation of Aliphatic Nitriles into Primary Amines. <i>ChemCatChem</i> , 2012 , 4, 1911-1916	5.2	40
61	Interest and Limitations of a Nanofiltration Membrane Reactor in a Model Ring Closing Olefin Metathesis Reaction Performed in Toluene. <i>Procedia Engineering</i> , 2012 , 44, 304-306		1
60	Polyamide precursors from renewable 10-undecenitrile and methyl acrylate via olefin cross-metathesis. <i>Green Chemistry</i> , 2012 , 14, 2179	10	67
59	Methyl ricinoleate as platform chemical for simultaneous production of fine chemicals and polymer precursors. <i>ChemSusChem</i> , 2012 , 5, 2249-54	8.3	26
58	Acceptorless ruthenium catalyzed dehydrogenation of alcohols to ketones and esters. <i>Catalysis Science and Technology</i> , 2012 , 2, 1425	5.5	39
57	New ruthenium metathesis catalysts with chelating indenylidene ligands: synthesis, characterization and reactivity. <i>Dalton Transactions</i> , 2012 , 41, 3695-700	4.3	23
56	Tandem catalytic acrylonitrile cross-metathesis and hydrogenation of nitriles with ruthenium catalysts: direct access to linear α -aminoesters from renewables. <i>ChemSusChem</i> , 2012 , 5, 1410-4	8.3	54
55	Ruthenium-alkylidene catalysed cross-metathesis of fatty acid derivatives with acrylonitrile and methyl acrylate: a key step toward long-chain bifunctional and amino acid compounds. <i>Green Chemistry</i> , 2011 , 13, 2911	10	91
54	Cross-metathesis transformations of terpenoids in dialkyl carbonate solvents. <i>Green Chemistry</i> , 2011 , 13, 1448	10	67
53	Greener solvents for ruthenium and palladium-catalysed aromatic C-H bond functionalisation. <i>Green Chemistry</i> , 2011 , 13, 741	10	152
52	Ruthenium diacetate-catalysed oxidative alkenylation of C-H bonds in air: synthesis of alkenyl N-arylpyrazoles. <i>Green Chemistry</i> , 2011 , 13, 3075	10	129
51	Ene-yne cross-metathesis with ruthenium carbene catalysts. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 156-66	2.5	63
50	C-H bond functionalisation with [RuH(codyl) ₂]BF ₄ catalyst precursor. <i>Green Chemistry</i> , 2011 , 13, 2315	10	41
49	A rapid access to new coumarinyl chalcone and substituted chromeno[4,3-c]pyrazol-4(1H)-ones and their antibacterial and DPPH radical scavenging activities. <i>Medicinal Chemistry Research</i> , 2011 , 20, 522-530 ²		50

48	A green route to nitrogen-containing groups: the acrylonitrile cross-metathesis and applications to plant oil derivatives. <i>Green Chemistry</i> , 2011 , 13, 2258	10	52
47	Direct amination of aryl halides with ammonia. <i>Chemical Society Reviews</i> , 2010 , 39, 4130-45	58.5	174
46	Bidentate Oxazoline-Imine Ruthenium(II) Complexes: Intermediates in the Methanolysis/Hydration of Nitrile Groups. <i>Organometallics</i> , 2010 , 29, 4234-4238	3.8	11
45	Efficient synthesis of aminopyridine derivatives by copper catalyzed amination reactions. <i>Chemical Communications</i> , 2010 , 46, 925-7	5.8	59
44	New Dipyridylamine Ruthenium Complexes for Transfer Hydrogenation of Aryl Ketones in Water. <i>Organometallics</i> , 2010 , 29, 1992-1995	3.8	57
43	Improving sustainability in ene-yne cross-metathesis for transformation of unsaturated fatty esters. <i>ChemSusChem</i> , 2010 , 3, 1291-7	8.3	29
42	Imidazolium-Oxazoline Salts in Ruthenium-Catalyzed Allylic Substitution and Cross Metathesis of Formed Branched Isomers. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4752-4756	2.3	15
41	Cross-metathesis with acrylonitrile and applications to fatty acid derivatives. <i>European Journal of Lipid Science and Technology</i> , 2010 , 112, 3-9	3	46
40	Ruthenium-indenylidene olefin metathesis catalyst with enhanced thermal stability. <i>Chemistry - A European Journal</i> , 2010 , 16, 12255-61	4.8	35
39	C-H Bond Functionalization in Water Catalyzed by Carboxylato Ruthenium(II) Systems. <i>Angewandte Chemie</i> , 2010 , 122, 6779-6782	3.6	74
38	C-H bond functionalization in water catalyzed by carboxylato ruthenium(II) systems. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 6629-32	16.4	221
37	Immobilisation of an ionically tagged Hoveyda catalyst on a supported ionic liquid membrane: An innovative approach for metathesis reactions in a catalytic membrane reactor. <i>Catalysis Today</i> , 2010 , 156, 268-275	5.3	25
36	First Transformation of Unsaturated Fatty Esters Involving Ene-Yne Cross-Metathesis. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 1115-1122	5.6	45
35	A direct route to bifunctional aldehyde derivatives via self- and cross-metathesis of unsaturated aldehydes. <i>ChemSusChem</i> , 2009 , 2, 542-5	8.3	63
34	Renewable materials as precursors of linear nitrile-acid derivatives via cross-metathesis of fatty esters and acids with acrylonitrile and fumaronitrile. <i>Green Chemistry</i> , 2009 , 11, 152-155	10	114
33	Diethyl carbonate as a solvent for ruthenium catalyzed C-H bond functionalisation. <i>Green Chemistry</i> , 2009 , 11, 1871	10	119
32	Synthesis of new dipyridylamine and dipyridylmethane ligands and their coordination chemistry with Mg(II) and Zn(II). <i>New Journal of Chemistry</i> , 2008 , 32, 2150	3.6	25
31	Ethenolysis of methyl oleate in room-temperature ionic liquids. <i>ChemSusChem</i> , 2008 , 1, 118-22	8.3	83

30	Dimethyl carbonate: an eco-friendly solvent in ruthenium-catalyzed olefin metathesis transformations. <i>ChemSusChem</i> , 2008 , 1, 813-6	8.3	85
29	Recovery of enlarged olefin metathesis catalysts by nanofiltration in an eco-friendly solvent. <i>ChemSusChem</i> , 2008 , 1, 927-33	8.3	60
28	Catalytic cycloisomerisation of 1,6-dienes in ionic liquids. <i>Tetrahedron</i> , 2008 , 64, 3687-3690	2.4	11
27	Highly efficient and economic synthesis of new substituted amino-bispyridyl derivatives via copper and palladium catalysis. <i>Tetrahedron Letters</i> , 2008 , 49, 3471-3474	2	38
26	Synthesis and properties of chiral imidazolium ionic liquids with a (1R,2S,5R)- β -menthoxymethyl substituent. <i>New Journal of Chemistry</i> , 2007 , 31, 879-892	3.6	68
25	Simple Ruthenium Precatalyst for the Synthesis of Stilbene Derivatives and Ring-Closing Metathesis in the Presence of Styrene Initiators. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 546-550	5.6	58
24	Chelating β -Arene- η -carbene Ligands in Ruthenium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 2862-2869	2.3	46
23	Ionic imidazolium containing ruthenium complexes and olefin metathesis in ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2007 , 268, 127-133		37
22	New Ruthenium Catalysts for Alkene Metathesis. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , 2007 , 3-27		5
21	Catalytic Alkene Metathesis in Ionic Liquids. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , 2007 , 483-501		2
20	Regioselective synthesis of a new [1,2,3]-triazoles directly from imidates. <i>Journal of Heterocyclic Chemistry</i> , 2006 , 43, 499-501	1.9	3
19	Allenylidene-to-indenylidene rearrangement in arene-ruthenium complexes: a key step to highly active catalysts for olefin metathesis reactions. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4079-89	16.4	99
18	A Bidentate NHC-Alkenyl Ruthenium(II) Complex via Vinyl C-H Bond Activation. <i>Organometallics</i> , 2006 , 25, 2126-2128	3.8	58
17	Direct propargylation of furan and arene by propargylic alcohols promoted by bisoxazoline-ruthenium catalysts. <i>New Journal of Chemistry</i> , 2005 , 29, 765	3.6	28
16	Ruthenium-catalyzed allylation reaction in ionic liquid. <i>Journal of Molecular Catalysis A</i> , 2005 , 237, 161-164		18
15	Allenylidene-ruthenium complexes as versatile precatalysts for alkene metathesis reactions. <i>Journal of Molecular Catalysis A</i> , 2004 , 213, 31-37		53
14	Electrogenerated Chemiluminescence in Poly(dibutoxyphenylenevinylene) Coatings. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 14368-14373	3-4	9
13	BR in polymers. <i>Physica B: Condensed Matter</i> , 2003 , 326, 34-40	2.8	20

12	New two component catalytic system for ROMP of cycloolefins: ruthenium(methallyl)2(diphosphine)/imidazolium salt. <i>New Journal of Chemistry</i> , 2003 , 27, 215-217	3.6	8
11	Ruthenium Carbenes as Catalysts for Alkene Metathesis 2003 , 23-42		2
10	Muon-spin relaxation study of anisotropic charge carrier motion in polyphenylene vinylene-based polymers. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, 9987-9995	1.8	12
9	First ring-opening metathesis polymerization in an ionic liquid. Efficient recycling of a catalyst generated from a cationic ruthenium allenylidene complex. <i>New Journal of Chemistry</i> , 2002 , 26, 1667-1670	3.6	120
8	Phosphole-containing pi-conjugated systems: from model molecules to polymer films on electrodes. <i>Chemistry - A European Journal</i> , 2001 , 7, 4222-36	4.8	223
7	Versatile synthesis of various conjugated aromatic homo- and copolymers. <i>Synthetic Metals</i> , 2001 , 122, 1-5	3.6	18
6	Ortho-Metallation as a key step for the synthesis of silyl substituted Poly(p-phenylenevinylene)s. <i>Synthetic Metals</i> , 2001 , 121, 1709-1710	3.6	3
5	Design of Luminescent Polymers for Leds. <i>Materials Research Society Symposia Proceedings</i> , 2001 , 708, 521		
4	Electropolymerization of pi-Conjugated Oligomers Containing Phosphole Cores and Terminal Thieryl Moieties: Optical and Electronic Properties. <i>Angewandte Chemie</i> , 2000 , 112, 1882-1885	3.6	41
3	Electropolymerization of pi-Conjugated Oligomers Containing Phosphole Cores and Terminal Thieryl Moieties: Optical and Electronic Properties We thank the CNRS, the MENRT, the Conseil Régional de Bretagne for financial support of this work and Prof. C. Moinet for helpful discussions. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 1812-1815	16.4	127
2	Synthesis of New Building Blocks for Light Emitting Polymers. <i>Materials Research Society Symposia Proceedings</i> , 2000 , 660, 1		
1	10 Catalytic conversion of biosourced raw materials: homogeneous catalysis		7