

Yoann Coquerel

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7490025/yoann-coquerel-publications-by-year.pdf>

Version: 2024-04-28

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.

84
papers

2,229
citations

27
h-index

45
g-index

126
ext. papers

2,484
ext. citations

5.5
avg, IF

5.09
L-index

#	Paper	IF	Citations
84	On the regioselective molecular sieves-promoted oxidative three-component synthesis of fused-benzimidazoles from β ketoesters. <i>Comptes Rendus Chimie</i> , 2022 , 25, 19-29	2.7	
83	Unbalanced 2D Chiral Crystallization of Pentahelicene Propellers and Their Planarization into Nanographenes. <i>Chemistry - A European Journal</i> , 2021 , 27, 10251-10254	4.8	4
82	Enantioselective Organocatalytic Syntheses and Ring-Expansions of Cyclobutane Derivatives. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 3023-3034	3.2	1
81	Visualizing electron delocalization in contorted polycyclic aromatic hydrocarbons. <i>Chemical Science</i> , 2021 , 12, 13092-13100	9.4	3
80	Periselectivity in the Aza-Diels-Alder Reaction of 1-Azadienes with β Oxoketenes: A Combined Experimental and Theoretical Study. <i>Molecules</i> , 2020 , 25,	4.8	1
79	Periselectivity in the aza-Diels-Alder Cycloaddition between β Oxoketenes and -(5-Pyrazolyl)imines: A Combined Experimental and Theoretical Study. <i>Journal of Organic Chemistry</i> , 2020 , 85, 7368-7377	4.2	4
78	Stereoselective Syntheses, Structures, and Properties of Extremely Distorted Chiral Nanographenes Embedding Hextuple Helicenes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3264-3271	16.4	34
77	Stereoselective Syntheses, Structures, and Properties of Extremely Distorted Chiral Nanographenes Embedding Hextuple Helicenes. <i>Angewandte Chemie</i> , 2020 , 132, 3290-3297	3.6	19
76	Enantiospecific Generation and Trapping Reactions of Aryne Atropisomers. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16921-16925	16.4	8
75	An Organocatalytic Two-atom Ring Expansion Approach to Optically Active Glutarimides. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 2992-3001	5.6	6
74	Experimental and theoretical studies of ($4\pi+1\pi$) annulations between β oxoketenes and stable phosphorous, nitrogen, or sulfur ylides. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3939	2.1	2
73	Spirobicyclic and Tetracyclic Pyrazolidinones: Syntheses and Properties. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 6034-6043	3.2	3
72	Cyclobishelicenes: Shape-Persistent Figure-Eight Aromatic Molecules with Promising Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2019 , 25, 14364-14369	4.8	18
71	Synthesis of Pyrrolo[2,3-]isoquinolines via the Cycloaddition of Benzyne with Arylideneaminopyrroles: Photophysical and Crystallographic Study. <i>ACS Omega</i> , 2019 , 4, 17326-17339	3.9	7
70	Use of 1, 3-Dicarbonyl Derivatives in Stereoselective Domino and Multicomponent Reactions 2019 , 59-120		
69	Enantioselective Organocatalytic Four-Atom Ring Expansion of Cyclobutanones: Synthesis of Benzazocinones. <i>Angewandte Chemie</i> , 2019 , 131, 466-470	3.6	13
68	Enantioselective Organocatalytic Four-Atom Ring Expansion of Cyclobutanones: Synthesis of Benzazocinones. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 456-460	16.4	37

67	Innentitelbild: Enantioselective Organocatalytic Four-Atom Ring Expansion of Cyclobutanones: Synthesis of Benzazocinones (Angew. Chem. 2/2019). <i>Angewandte Chemie</i> , 2018 , 131, 358	3.6	
66	Normal, Abnormal, and Cascade Wittig Olefinations of α -Oxoketenes. <i>Chemistry - A European Journal</i> , 2018 , 24, 11110-11118	4.8	7
65	Chiral Nanographene Propeller Embedding Six Enantiomerically Stable [5]Helicene Units. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18508-18511	16.4	104
64	Addition of silylated nucleophiles to α -oxoketenes. <i>Chemical Communications</i> , 2016 , 52, 3010-3	5.8	13
63	Time-Efficient Synthesis of Pyrido[[2,3-d]pyrimidinones via α -Oxoketenes. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 1994-1999	3.2	8
62	A switchable dual organocatalytic system and the enantioselective total synthesis of the quadrane sesquiterpene suberosanone. <i>Chemical Communications</i> , 2016 , 52, 6565-8	5.8	17
61	The Aryne aza-Diels-Alder Reaction: Flexible Syntheses of Isoquinolines. <i>Organic Letters</i> , 2015 , 17, 3374-7.2	6.2	66
60	Enamine Activation of α -Ketocarboxyls: New Opportunities in Enantioselective Organocatalysis. <i>ChemCatChem</i> , 2015 , 7, 1263-1264	5.2	8
59	Pseudo-Multicomponent Reactions of Arynes with N-Aryl Imines. <i>Journal of Organic Chemistry</i> , 2015 , 80, 9767-73	4.2	25
58	A stable N-heterocyclic carbene organocatalyst for hydrogen/deuterium exchange reactions between pseudoacids and deuterated chloroform. <i>Journal of Organic Chemistry</i> , 2015 , 80, 1092-7	4.2	18
57	The Wolff Rearrangement: Tactics, Strategies and Recent Applications in Organic Synthesis 2015 , 59-84		15
56	N-heterocyclic carbene catalyzed carba-, sulfa-, and phospho-Michael additions with NHCCO adducts as precatalysts. <i>Journal of Organic Chemistry</i> , 2014 , 79, 2758-64	4.2	65
55	Divergent chemo-, regio-, and diastereoselective normal electron-demand Povarov-type reactions with α -oxo-ketene dienophiles. <i>Organic Letters</i> , 2014 , 16, 4126-9	6.2	41
54	1,3-Dicarbonyls in Multicomponent Reactions 2014 , 109-158		7
53	Practical and Efficient Organocatalytic Enantioselective α -Hydroxyamination Reactions of α -Ketoamides. <i>ChemCatChem</i> , 2013 , 5, 1192-1199	5.2	11
52	Design, Synthesis, and Organocatalytic Activity of N-Heterocyclic Carbenes Functionalized with Hydrogen-Bond Donors in Enantioselective Reactions of Homoenolates. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 8253-8264	3.2	24
51	Stereoselective multiple bond-forming transformations (MBFTs): the power of 1,2- and 1,3-dicarbonyl compounds. <i>Chemistry - A European Journal</i> , 2013 , 19, 2218-31	4.8	90
50	Cascade Reactions Forming Both C-C Bond and C-Heteroatom BOND 2013 , 559-585		2

49 Microwave-assisted Stereoselective Synthesis **2013**, 1-22

48 Syntheses and applications of functionalized bicyclo[3.2.1]octanes: thirteen years of progress. *Chemical Reviews*, **2013**, 113, 525-95 68.1 119

47 Temporary intramolecular generation of pyridine carbenes in metal-free three-component C-H bond functionalisation/aryl-transfer reactions. *Chemistry - A European Journal*, **2013**, 19, 17578-83 4.8 43

46 Michael Addition-initiated Sequential Reactions from 1,3-dicarbonyls for the Synthesis of Polycyclic Heterocycles. *Current Organic Chemistry*, **2013**, 17, 1920-1928 1.7 31

45 Transition-metal-free α -arylation of β -keto amides via an interrupted insertion reaction of arynes. *Organic Letters*, **2012**, 14, 4686-9 6.2 63

44 Expeditious Synthesis of the Cores of Naturally Occurring Cyclic Polyethers using a Divergent Ring Rearrangement Metathesis Strategy. *Advanced Synthesis and Catalysis*, **2012**, 354, 3200-3204 5.6 7

43 Asymmetric organocascades involving the formation of two C-heteroatom bonds from two distinct heteroatoms. *Organic and Biomolecular Chemistry*, **2012**, 10, 3969-73 3.9 30

42 Enantioselective Organocatalytic Michael Addition of Cyclobutanones to Nitroalkenes. *Advanced Synthesis and Catalysis*, **2012**, 354, 3523-3532 5.6 56

41 Microwave-Assisted Domino Benzannulation of β Oxo Ketenes: Preparation of 1,3-Dihydro-2H-1,5-benzodiazepin-2-ones. *European Journal of Organic Chemistry*, **2012**, 2012, 2338-2345^{3,2} 24

40 Single-Step Metallocatalyzed and Organocatalyzed Enantioselective Construction of Bicyclo[3.2.1]octanes. *ChemCatChem*, **2012**, 4, 172-174 5.2 12

39 Catalyst- and halogen-free regioselective Friedel-Crafts β -ketoacylations. *Chemistry - A European Journal*, **2012**, 18, 9217-20 4.8 24

38 1,3-Dipolar cycloaddition of hydrazones with β oxo-ketenes: a three-component stereoselective entry to pyrazolidinones and an original class of spirooxindoles. *Organic Letters*, **2011**, 13, 4124-7 6.2 66

37 Combination of Rearrangement with Metallic and Organic Catalyses β Step- and Atom-Economical Approach to β Spiroactones and -lactams. *European Journal of Organic Chemistry*, **2011**, 2011, 5061-5070 3.2 33

36 N-heterocyclic carbene-catalyzed Michael additions of 1,3-dicarbonyl compounds. *Chemistry - A European Journal*, **2011**, 17, 2266-71 4.8 69

35 Expeditious divergent synthetic approach to polycyclic terpene-like molecules. *Chemistry - A European Journal*, **2011**, 17, 2048-51 4.8 22

34 Consecutive Reactions with Sulfoximines: Straightforward Synthesis of Substituted 5,5-Spiroketal. *Synthesis*, **2011**, 2011, 2085-2090 2.9 2

33 Diazo-Transfer Reactions to 1,3-Dicarbonyl Compounds with Tosyl Azide. *Synthesis*, **2011**, 2011, 2549-2552² 13

32 Periselectivity switch of acylketenes in cycloadditions with 1-azadienes: microwave-assisted diastereoselective domino three-component synthesis of β spiro- β lactams. *Organic Letters*, **2010**, 12, 4212-5 6.2 55

31	Multiple Bond-Forming Transformations: The Key Concept toward Eco-Compatible Synthetic Organic Chemistry 2010 , 187-202		33
30	Quadrane Sesquiterpenes: Natural Sources, Biology, and Syntheses. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 2247-2260	3.2	14
29	1,3-Dicarbonyl compounds in stereoselective domino and multicomponent reactions. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 1085-1109		138
28	Organocatalytic Activity of N-Heterocyclic Carbenes in the Michael Addition of 1,3-Dicarbonyl Compounds: Application to a Stereoselective Spirocyclization Sequence. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 1744-1748	5.6	64
27	Organocatalytic Activity of N-Heterocyclic Carbenes in the Michael Addition of 1,3-Dicarbonyl Compounds: Application to a Stereoselective Spirocyclization Sequence. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 2541-2541	5.6	5
26	Consecutive reactions with sulfoximines: a direct access to 2-sulfonimidoylylidene tetrahydrofurans and 6-sulfonimidoylmethyl-3,4-dihydro-2H-pyrans. <i>Tetrahedron</i> , 2009 , 65, 9756-9764	2.4	13
25	Microwave-assisted cross-metathesis of acrylonitrile. <i>Comptes Rendus Chimie</i> , 2009 , 12, 872-875	2.7	20
24	Microwave-assisted domino and multicomponent reactions with cyclic acylketenes: expeditious syntheses of oxazinones and oxazindiones. <i>Organic Letters</i> , 2009 , 11, 5706-9	6.2	72
23	Microwave-assisted Wolff rearrangement of cyclic 2-diazo-1,3-diketones: an eco-compatible route to alpha-carbonylated cycloalkanones. <i>Journal of Organic Chemistry</i> , 2009 , 74, 415-8	4.2	82
22	The MARDi cascade: a Michael-initiated domino-multicomponent approach for the stereoselective synthesis of seven-membered rings. <i>Chemistry - A European Journal</i> , 2008 , 14, 3078-92	4.8	36
21	Microwave-Assisted Olefin Metathesis. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 1125-1132	3.2	97
20	Stereoselective Synthesis of Bicyclo[4.2.1]nonanes [a] Temporary-Bridge Approach to Cyclooctanoids. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 4988-4998	3.2	14
19	Synthetic Studies towards Guaianolide Sesquiterpene Lactones. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 5379-5382	3.2	14
18	Catalytic properties of the Pd/C [triethylamine system. <i>Arkivoc</i> , 2008 , 2008, 227-237	0.9	11
17	Pd[from Pd/C and triethylamine: Implications in palladium catalysed reactions involving amines. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 4805-4808	2.3	31
16	Reluctant Cross-Metathesis Reactions: The Highly Beneficial Effect of Microwave Irradiation. <i>Synthesis</i> , 2007 , 2007, 2867-2871	2.9	5
15	Stereoselective Synthesis of the Core of Naturally Occurring Anti-HIV Isolittseane B. <i>Letters in Organic Chemistry</i> , 2007 , 4, 232-233	0.6	2
14	Synthetic Studies on the MARDi Cascade: Stereoselective Preparation of Sulfonyl-Substituted Seven-Membered Rings. <i>Synlett</i> , 2006 , 2006, 2751-2754	2.2	12

13	Synthetic Studies on the MARDi Cascade: Stereoselective Preparation of Sulfonyl-Substituted Seven-Membered Rings. <i>Synlett</i> , 2006 , 2006, 3368-3368	2.2	3
12	Synthetic studies on the MARDi cascade: stereoselective synthesis of heterocyclic seven-membered rings. <i>Organic Letters</i> , 2006 , 8, 4819-22	6.2	22
11	Chemo- and regioselective synthesis of 2-alkylidenetetrahydrofurans bearing a chiral sulfur atom by domino reactions of sulfoximines. <i>Tetrahedron Letters</i> , 2006 , 47, 8503-8506	2	5
10	Approach to the blues: a highly flexible route to the azulenes. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5130-3	16.4	43
9	Approach to the Blues: A Highly Flexible Route to the Azulenes. <i>Angewandte Chemie</i> , 2005 , 117, 5260-5268		11
8	Differential regulation of zinc efflux transporters ZnT-1, ZnT-5 and ZnT-7 gene expression by zinc levels: a real-time RT-PCR study. <i>Biochemical Pharmacology</i> , 2004 , 68, 699-709	6	77
7	Access to diversely substituted cyclopentenones from chlorocyclopentenones. <i>Tetrahedron Letters</i> , 2004 , 45, 6749-6751	2	2
6	New approach to bicyclo[5.3.0]decanes: stereoselective guaiane synthesis. <i>Organic Letters</i> , 2003 , 5, 4453-5		22
5	Addition of organolithium compounds to tricarbonyl(tropone)iron complexes: experimental and structural studies. <i>Journal of Organometallic Chemistry</i> , 2002 , 659, 176-185	2.3	9
4	Iron Pentacarbonyl-Fe(CO) ₅ . <i>Synlett</i> , 2002 , 2002, 1937-1938	2.2	4
3	Reductive complexation of cycloheptatrienes by iron pentacarbonyl and catalytic sodium borohydride. <i>Chemical Communications</i> , 2002 , 658-9	5.8	6
2	SYNTHESIS OF SUBSTITUTED CYCLOHEPTADIENES BY CATALYTIC HYDROGENATION OF CYCLOHEPTATRIENEIRON COMPLEXES. <i>Synthetic Communications</i> , 2001 , 31, 1291-1300	1.7	5
1	(1R,2s,3S,6R,9S)-5,5,10,10-tetrachloro-2-methyltricyclo. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000 , 56 (Pt 12), 1480-1		4