

# Frederic Robert

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8363192/frederic-robert-publications-by-year.pdf>

**Version:** 2024-04-29

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.

66

papers

1,311

citations

22

h-index

33

g-index

85

ext. papers

1,474

ext. citations

4.9

avg, IF

4.42

L-index

#	Paper	IF	Citations
66	The Trityl-Cation Mediated Phosphine Oxides Reduction. <i>Advanced Synthesis and Catalysis</i> , <b>2021</b> , 363, 3035-3043	5.6	2
65	Quinoline-Based Silylium Ions: Synthesis, Structure and Lewis Acidity. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 3613-3621	3.2	1
64	On the Origin of the Non-Planarity in Biarylsilyloxonium Ions. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 15496-15500	4.8	1
63	Non-biaryl atropisomerism at the C-B bond in sterically hindered aminoarylboranes. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 3007-3011	3.9	5
62	-Anisaldehyde-Photosensitized Sulfonylcyanation of Chiral Cyclobutenes: Enantioselective Access to Cyclic and Acyclic Systems Bearing All-Carbon Quaternary Stereocenters. <i>Organic Letters</i> , <b>2020</b> , 22, 575-579	6.2	7
61	Chiral Memory in Silyl-Pyridinium and Quinolinium Cations. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 564-572	16.4	12
60	Copper-catalyzed oxidative benzylic C(sp)-H amination: direct synthesis of benzylic carbamates. <i>Chemical Communications</i> , <b>2020</b> , 56, 13013-13016	5.8	9
59	Urethanes synthesis from oxamic acids under electrochemical conditions. <i>Chemical Communications</i> , <b>2020</b> , 56, 12226-12229	5.8	7
58	Visible-light mediated carbamoyl radical addition to heteroarenes. <i>Chemical Communications</i> , <b>2019</b> , 55, 466-469	5.8	29
57	Vicinal difunctionalization of alkenes by four-component radical cascade reaction of xanthogenates, alkenes, CO, and sulfonyl oxime ethers. <i>Beilstein Journal of Organic Chemistry</i> , <b>2019</b> , 15, 1822-1828	2.5	1
56	Aryl Radical-Mediated Alkenylation of Alkyl Halides. <i>Helvetica Chimica Acta</i> , <b>2019</b> , 102, e1900140	2	6
55	Palladium-mediated domino oxidative amination of cyclohexadienes as an entry to indole alkaloids. <i>Tetrahedron</i> , <b>2019</b> , 75, 561-569	2.4	1
54	Discovery of a subnanomolar and selective spirocyclic agonist of the glucocorticoid receptor. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 161, 354-363	6.8	3
53	Dehydrogenative Silylation of Alcohols Under Pd-Nanoparticle Catalysis. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 728-732	4.8	14
52	Design and synthesis of spirocyclic ligands of glucocorticoid receptors. <i>Tetrahedron</i> , <b>2018</b> , 74, 5119-5128	4.4	4
51	Boronic Acid Mediated Carbocyanation of Olefins and Vinylation of Alkyl Iodides. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 4058-4063	3.2	5
50	Visible-light photocatalyzed oxidative decarboxylation of oxamic acids: a green route to urethanes and ureas. <i>Chemical Communications</i> , <b>2018</b> , 54, 9337-9340	5.8	21

49	Poly(arylene vinylene) Synthesis via a Precursor Step-Growth Polymerization Route Involving the Ramberg-Bäcklund Reaction as a Key Post-Chemical Modification Step. <i>Macromolecules</i> , <b>2018</b> , 51, 5852-5862	5.5	5
48	Eosin-Mediated Alkylsulfonyl Cyanation of Olefins. <i>Organic Letters</i> , <b>2018</b> , 20, 4521-4525	6.2	22
47	Oxidation of 1-Arylcyclohexa-2,5-dienes and Subsequent Double Michael Addition. A Rapid Access to the Böhli Ketone and the Pentacyclic Core of Aspidosperma Alkaloids. <i>Heterocycles</i> , <b>2018</b> , 97, 459	0.8	6
46	Free-Radical Carbocyanation of Olefins. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 4651-4658	4.8	16
45	Organic Lewis Pairs Based on Phosphine and Electrophilic Silane for the Direct and Controlled Polymerization of Methyl Methacrylate: Experimental and Theoretical Investigations. <i>Macromolecules</i> , <b>2017</b> , 50, 762-774	5.5	28
44	Free-Radical Carbo-Alkenylation of Olefins: Scope, Limitations and Mechanistic Insights. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 2439-2447	4.8	27
43	A Unified Strategy Toward 5-, 6-, and 7-Membered Nitrogen Heterocycles Through Free Radical then Metal-Mediated Functionalization of Ene-carbamates. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 3217-3225	5.6	4
42	Visible-Light-Mediated Addition of Phenacyl Bromides onto Cyclopropenes. <i>Organic Letters</i> , <b>2017</b> , 19, 3652-3655	6.2	21
41	Lewis Base-Stabilized Silyliums <b>2016</b> , 9-11		
40	Free-Radical Carbocyanation of Cyclopropenes: Stereocontrolled Access to All-Carbon Quaternary Stereocenters in Acyclic Systems. <i>Organic Letters</i> , <b>2016</b> , 18, 6156-6159	6.2	22
39	Free-radical Carbo-functionalization of Olefins Using Sulfonyl Derivatives. <i>Chimia</i> , <b>2016</b> , 70, 34-42	1.3	15
38	Synthesis of new sulfonyloximes and their use in free-radical olefin carbo-oximation. <i>Organic Letters</i> , <b>2015</b> , 17, 1958-61	6.2	13
37	Total Synthesis of (–)-Eucophylline. A Free-Radical Approach to the Synthesis of the Azabicyclo[3.3.1]nonane Skeleton. <i>Organic Letters</i> , <b>2015</b> , 17, 4518-21	6.2	25
36	Chiral Memory in Silylium Ions. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 11573-8	4.8	24
35	From the N-Heterocyclic Carbene-Catalyzed Conjugate Addition of Alcohols to the Controlled Polymerization of (Meth)acrylates. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 9447-53	4.8	21
34	Cyclodimerization versus polymerization of methyl methacrylate induced by N-heterocyclic carbenes: a combined experimental and theoretical study. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 3989-97	4.8	34
33	Polyaldol Synthesis by Direct Organocatalyzed Crossed Polymerization of Bis(ketones) and Bis(aldehydes). <i>Macromolecules</i> , <b>2014</b> , 47, 525-533	5.5	14
32	Novel green fatty acid-based bis-cyclic carbonates for the synthesis of isocyanate-free poly(hydroxyurethane amide)s. <i>RSC Advances</i> , <b>2014</b> , 4, 25795-25803	3.7	79

31	Organocatalyzed step-growth polymerization through desymmetrization of cyclic anhydrides: synthesis of chiral polyesters. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 11946-53	4.8	5
30	One-Pot Synthesis and PEGylation of Hyperbranched Polyacetals with a Degree of Branching of 100%. <i>Macromolecules</i> , <b>2014</b> , 47, 1532-1542	5.5	32
29	Base-catalyzed intramolecular hydroamination of cyclohexa-2,5-dienes: insights into the mechanism through DFT calculations and application to the total synthesis of epi-elwesine. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 14771-82	4.8	10
28	Free-radical carbo-oximation of olefins and subsequent radical-ionic cascades. <i>Tetrahedron</i> , <b>2013</b> , 69, 10073-10080	2.4	20
27	Organocatalyzed aldol reaction between pyridine-2-carbaldehydes and $\beta$ -ketoacids: a straightforward route towards indolizidines and isotetronic acids. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 14532-9	4.8	13
26	On the chemical fixation of supercritical carbon dioxide with epoxides catalyzed by ionic salts: an in situ FTIR and Raman study. <i>Catalysis Science and Technology</i> , <b>2013</b> , 3, 1046	5.5	54
25	Latent catalysts based on guanidine templates for polyurethane synthesis. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 904	4.9	17
24	Free-radical carbo-alkenylation of enamides and ene-carbamates. <i>Organic Letters</i> , <b>2013</b> , 15, 2814-7	6.2	35
23	Silylboranes as new sources of silyl radicals for chain-transfer reactions. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 940-50	4.8	12
22	Cyclic Guanidines as Efficient Organocatalysts for the Synthesis of Polyurethanes. <i>Macromolecules</i> , <b>2012</b> , 45, 2249-2256	5.5	54
21	Free-radical carboalkynylation and carboalkenylation of olefins. <i>Organic Letters</i> , <b>2011</b> , 13, 2658-61	6.2	60
20	Allylsilanes in "tin-free" oximation, alkenylation, and allylation of alkyl halides. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 13904-11	4.8	29
19	An approach toward homocalystegines and silyl-homocalystegines. acid-mediated migrations of acetates in seven-membered ring systems. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 791-9	4.2	12
18	Fragmentation of $\beta$ Silyl Radicals. A Computational Study. <i>Organometallics</i> , <b>2010</b> , 29, 2406-2412	3.8	3
17	Straightforward assembly of the octahydroisoquinoline core of morphinan alkaloids. <i>Organic Letters</i> , <b>2010</b> , 12, 2178-81	6.2	3
16	4-Alkynoic Acids in the Synthesis of Biologically Important Tetrapyrroles. <i>Heterocycles</i> , <b>2010</b> , 82, 1029	0.8	10
15	Functionalization and rearrangement of spirocyclohexadienyl oxindoles: experimental and theoretical investigations. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 11160-73	4.8	23
14	Birch reductive alkylation of biaryls: scope and limitations. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 6469-782		18

13	Preparation of (3,5-Dimethoxy-1-Phenyl-Cyclohexa-2,5-Dienyl)-Acetonitrile through Birch Reductive Alkylation (BRA) <b>2009</b> , 1-10		
12	Rearrangement of spirocyclic oxindoles with lithium amide bases. <i>Organic Letters</i> , <b>2008</b> , 10, 4441-4	6.2	19
11	Carboazidation of chiral allylsilanes: experimental and theoretical investigations. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 2744-56	4.8	22
10	Efficient synthetic approaches to the common scaffold of indole alkaloids. <i>Organic Letters</i> , <b>2007</b> , 9, 3913-6	6.2	30
9	Photolabile arylsilyl group: application to the oxidation of C=C bonds. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 8909-8913	2	6
8	Looking forward: a glance into the future of organic chemistry. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 823-831	6.2	9
7	Desymmetrization of cyclohexa-2,5-dienes through a diastereoselective protonation-hydroamination cascade. <i>Organic Letters</i> , <b>2006</b> , 8, 4755-8	6.2	54
6	Alchimies futures: compte rendu de l'expérience ESYOP. <i>Comptes Rendus Chimie</i> , <b>2006</b> , 9, 127-140	2.7	2
5	Regioselectivity of Birch reductive alkylation of biaryls. <i>Organic Letters</i> , <b>2005</b> , 7, 4557-60	6.2	29
4	Asymmetric Pauson-Khand reaction with chiral, electron-deficient mono- and bis-phosphine ligands. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 6975-6978	2	32
3	Regiochemistry in the Pauson-Khand reaction: has a trans effect been overlooked?. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 5396-400	16.4	79
2	Theoretical study of the regiochemistry-determining step of the Pauson-Khand reaction. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 7184-5	16.4	66
1	Synthesis and Characterization of New Binuclear Co(0) Complexes with Diphosphinoamine Ligands. A Potential Approach for Asymmetric Pauson-Khand Reactions. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 3492-3497	4.2	44