Frederic Robert

List of Publications by Citations

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	Novel green fatty acid-based bis-cyclic carbonates for the synthesis of isocyanate-free poly(hydroxyurethane amide)s. *RSC Advances*, **2014**, 4, 25795-25803	3.7	79
65	Regiochemistry in the Pauson-Khand reaction: has a trans effect been overlooked?. *Journal of the American Chemical Society*, **2001**, 123, 5396-400	16.4	79
64	Theoretical study of the regiochemistry-determining step of the Pauson-Khand reaction. *Journal of the American Chemical Society*, **2001**, 123, 7184-5	16.4	66
63	Free-radical carboalkynylation and carboalkenylation of olefins. *Organic Letters*, **2011**, 13, 2658-61	6.2	60
62	On the chemical fixation of supercritical carbon dioxide with epoxides catalyzed by ionic salts: an in situ FTIR and Raman study. *Catalysis Science and Technology*, **2013**, 3, 1046	5.5	54
61	Cyclic Guanidines as Efficient Organocatalysts for the Synthesis of Polyurethanes. *Macromolecules*, **2012**, 45, 2249-2256	5.5	54
60	Desymmetrization of cyclohexa-2,5-dienes through a diastereoselective protonation-hydroamination cascade. *Organic Letters*, **2006**, 8, 4755-8	6.2	54
59	Synthesis and Characterization of New Binuclear Co(0) Complexes with Diphosphinoamine Ligands. A Potential Approach for Asymmetric Pauson-Khand Reactions. *Journal of Organic Chemistry*, **1999**, 64, 3492-3497	4.2	44
58	Free-radical carbo-alkenylation of enamides and ene-carbamates. *Organic Letters*, **2013**, 15, 2814-7	6.2	35
57	Cyclodimerization versus polymerization of methyl methacrylate induced by N-heterocyclic carbenes: a combined experimental and theoretical study. *Chemistry - A European Journal*, **2014**, 20, 3989-97	4.8	34
56	One-Pot Synthesis and PEGylation of Hyperbranched Polyacetals with a Degree of Branching of 100%. *Macromolecules*, **2014**, 47, 1532-1542	5.5	32
55	Asymmetric Pauson–Khand reaction with chiral, electron-deficient mono- and bis-phosphine ligands. *Tetrahedron Letters*, **2004**, 45, 6975-6978	2	32
54	Efficient synthetic approaches to the common scaffold of indole alkaloids. *Organic Letters*, **2007**, 9, 3913-6	6.2	30
53	Visible-light mediated carbamoyl radical addition to heteroarenes. *Chemical Communications*, **2019**, 55, 466-469	5.8	29
52	Allylsilanes in "tin-free" oximation, alkenylation, and allylation of alkyl halides. *Chemistry - A European Journal*, **2011**, 17, 13904-11	4.8	29
51	Regioselectivity of Birch reductive alkylation of biaryls. *Organic Letters*, **2005**, 7, 4557-60	6.2	29
50	Organic Lewis Pairs Based on Phosphine and Electrophilic Silane for the Direct and Controlled Polymerization of Methyl Methacrylate: Experimental and Theoretical Investigations. *Macromolecules*, **2017**, 50, 762-774	5.5	28

49	Free-Radical Carbo-Alkenylation of Olefins: Scope, Limitations and Mechanistic Insights. *Chemistry - A European Journal*, **2017**, 23, 2439-2447	4.8	27
48	Total Synthesis of (−)-Eucophylline. A Free-Radical Approach to the Synthesis of the Azabicyclo[3.3.1]nonane Skeleton. *Organic Letters*, **2015**, 17, 4518-21	6.2	25
47	Chiral Memory in Silylium Ions. *Chemistry - A European Journal*, **2015**, 21, 11573-8	4.8	24
46	Functionalization and rearrangement of spirocyclohexadienyl oxindoles: experimental and theoretical investigations. *Chemistry - A European Journal*, **2009**, 15, 11160-73	4.8	23
45	Free-Radical Carbocyanation of Cyclopropenes: Stereocontrolled Access to All-Carbon Quaternary Stereocenters in Acyclic Systems. *Organic Letters*, **2016**, 18, 6156-6159	6.2	22
44	Eosin-Mediated Alkylsulfonyl Cyanation of Olefins. *Organic Letters*, **2018**, 20, 4521-4525	6.2	22
43	Carboazidation of chiral allylsilanes: experimental and theoretical investigations. *Chemistry - A European Journal*, **2008**, 14, 2744-56	4.8	22
42	Visible-light photocatalyzed oxidative decarboxylation of oxamic acids: a green route to urethanes and ureas. *Chemical Communications*, **2018**, 54, 9337-9340	5.8	21
41	Visible-Light-Mediated Addition of Phenacyl Bromides onto Cyclopropenes. *Organic Letters*, **2017**, 19, 3652-3655	6.2	21
40	From the N-Heterocyclic Carbene-Catalyzed Conjugate Addition of Alcohols to the Controlled Polymerization of (Meth)acrylates. *Chemistry - A European Journal*, **2015**, 21, 9447-53	4.8	21
39	Free-radical carbo-oximation of olefins and subsequent radical-ionic cascades. *Tetrahedron*, **2013**, 69, 10073-10080	2.4	20
38	Rearrangement of spirocyclic oxindoles with lithium amide bases. *Organic Letters*, **2008**, 10, 4441-4	6.2	19
37	Birch reductive alkylation of biaryls: scope and limitations. *Journal of Organic Chemistry*, **2009**, 74, 6469-78	4.2	18
36	Latent catalysts based on guanidine templates for polyurethane synthesis. *Polymer Chemistry*, **2013**, 4, 904	4.9	17
35	Free-Radical Carbocyanation of Olefins. *Chemistry - A European Journal*, **2017**, 23, 4651-4658	4.8	16
34	Free-radical Carbo-functionalization of Olefins Using Sulfonyl Derivatives. *Chimia*, **2016**, 70, 34-42	1.3	15
33	Polyaldol Synthesis by Direct Organocatalyzed Crossed Polymerization of Bis(ketones) and Bis(aldehydes). *Macromolecules*, **2014**, 47, 525-533	5.5	14
32	Dehydrogenative Silylation of Alcohols Under Pd-Nanoparticle Catalysis. *Chemistry - A European Journal*, **2019**, 25, 728-732	4.8	14

31	Synthesis of new sulfonyloximes and their use in free-radical olefin carbo-oximation. *Organic Letters*, **2015**, 17, 1958-61	6.2	13
30	Organocatalyzed aldol reaction between pyridine-2-carbaldehydes and □-ketoacids: a straightforward route towards indolizidines and isotetronic acids. *Chemistry - A European Journal*, **2013**, 19, 14532-9	4.8	13
29	Silylboranes as new sources of silyl radicals for chain-transfer reactions. *Chemistry - A European Journal*, **2012**, 18, 940-50	4.8	12
28	An approach toward homocalystegines and silyl-homocalystegines. acid-mediated migrations of acetates in seven-membered ring systems. *Journal of Organic Chemistry*, **2011**, 76, 791-9	4.2	12
27	Chiral Memory in Silyl-Pyridinium and Quinolinium Cations. *Journal of the American Chemical Society* , **2020**, 142, 564-572	16.4	12
26	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. *Chemistry - A European Journal*, **2014**, 20, 14771-82	4.8	10
25	4-Alkynoic Acids in the Synthesis of Biologically Important Tetrapyrroles. *Heterocycles*, **2010**, 82, 1029	0.8	10
24	Looking forward: a glance into the future of organic chemistry. *New Journal of Chemistry*, **2006**, 30, 823-831	3.3	9
23	Copper-catalyzed oxidative benzylic C(sp)-H amination: direct synthesis of benzylic carbamates. *Chemical Communications*, **2020**, 56, 13013-13016	5.8	9
22	-Anisaldehyde-Photosensitized Sulfonylcyanation of Chiral Cyclobutenes: Enantioselective Access to Cyclic and Acyclic Systems Bearing All-Carbon Quaternary Stereocenters. *Organic Letters*, **2020**, 22, 575-579	6.2	7
21	Urethanes synthesis from oxamic acids under electrochemical conditions. *Chemical Communications* , **2020**, 56, 12226-12229	5.8	7
20	Aryl Radical-Mediated Alkenylation of Alkyl Halides. *Helvetica Chimica Acta*, **2019**, 102, e1900140	2	6
19	Photolabile arylsilyl group: application to the oxidation of C□i bonds. *Tetrahedron Letters*, **2007**, 48, 8909-8913	2	6
18	Oxidation of 1-Arylcyclohexa-2,5-dienes and Subsequent Double Michael Addition. A Rapid Access to the B□hi Ketone and the Pentacyclic Core of Aspidosperma Alkaloids. *Heterocycles*, **2018**, 97, 459	0.8	6
17	Non-biaryl atropisomerism at the C-B bond in sterically hindered aminoarylboranes. *Organic and Biomolecular Chemistry*, **2020**, 18, 3007-3011	3.9	5
16	Boronic Acid Mediated Carbocyanation of Olefins and Vinylation of Alkyl Iodides. *European Journal of Organic Chemistry*, **2018**, 2018, 4058-4063	3.2	5
15	Poly(arylene vinylene) Synthesis via a Precursor Step-Growth Polymerization Route Involving the Ramberg□cklund Reaction as a Key Post-Chemical Modification Step. *Macromolecules*, **2018**, 51, 5852-5862	5.5	5
14	Organocatalyzed step-growth polymerization through desymmetrization of cyclic anhydrides: synthesis of chiral polyesters. *Chemistry - A European Journal*, **2014**, 20, 11946-53	4.8	5

13	Design and synthesis of spirocyclic ligands of glucocorticoid receptors. *Tetrahedron*, **2018**, 74, 5119-5128	2.4	4
12	A Unified Strategy Toward 5-, 6-, and 7-Membered Nitrogen Heterocycles Through Free Radical then Metal-Mediated Functionalization of Ene-carbamates. *Advanced Synthesis and Catalysis*, **2017**, 359, 3217-3225	5.6	4
11	Fragmentation of β-Silyl Radicals. A Computational Study. *Organometallics*, **2010**, 29, 2406-2412	3.8	3
10	Straightforward assembly of the octahydroisoquinoline core of morphinan alkaloids. *Organic Letters*, **2010**, 12, 2178-81	6.2	3
9	Discovery of a subnanomolar and selective spirocyclic agonist of the glucocorticoid receptor. *European Journal of Medicinal Chemistry*, **2019**, 161, 354-363	6.8	3
8	Alchimies futures : compte rendu de l'expérience ESYOP. *Comptes Rendus Chimie*, **2006**, 9, 127-140	2.7	2
7	The Trityl-Cation Mediated Phosphine Oxides Reduction. *Advanced Synthesis and Catalysis*, **2021**, 363, 3035-3043	5.6	2
6	Vicinal difunctionalization of alkenes by four-component radical cascade reaction of xanthogenates, alkenes, CO, and sulfonyl oxime ethers. *Beilstein Journal of Organic Chemistry*, **2019**, 15, 1822-1828	2.5	1
5	Quinoline-Based Silylium Ions: Synthesis, Structure and Lewis Acidity. *European Journal of Organic Chemistry*, **2021**, 2021, 3613-3621	3.2	1
4	Palladium-mediated domino oxidative amination of cyclohexadienes as an entry to indole alkaloids. *Tetrahedron*, **2019**, 75, 561-569	2.4	1
3	On the Origin of the Non-Planarity in Biarylsilyloxonium Ions. *Chemistry - A European Journal*, **2021**, 27, 15496-15500	4.8	1
2	Lewis Base Stabilized Silyliums **2016**, 9-11		
1	Preparation of (3,5-Dimethoxy-1-Phenyl-Cyclohexa-2,5-Dienyl)-Acetonitrile through Birch Reductive Alkylation (BRA) **2009**, 1-10		