

Thierry Lequeux

List of Publications by Year in descending order

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citations

361388

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477281

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88
all docs

88
docs citations

88
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified Julia Fluoroolefination: Selective Preparation of Fluoroalkenoates. Journal of Organic Chemistry, 2007, 72, 7871-7877.	3.2	57
2	Sulfanyl- and Selanyldifluoromethylphosphonates as a Source of Phosphonodifluoromethyl Radicals and Their Addition onto Alkenes. Organic Letters, 2001, 3, 185-188.	4.6	51
3	Trifluoromethylalkenes in cycloaddition reactions. Tetrahedron, 1996, 52, 59-70.	1.9	48
4	Synthesis of 2,3-trans Disubstituted Tetrahydrofurans through Sequential Xanthate Radical Addition-Substitution Reactions. Journal of Organic Chemistry, 2006, 71, 2352-2359.	3.2	41
5	Scope and limitations of the Julia-Kocienski reaction with fluorinated sulfonylestes. Tetrahedron, 2009, 65, 3967-3973.	1.9	41
6	A difluorosulfide as a Freon-free source of phosphonodifluoromethyl carbanion In memory of Arnaud who passed away in his 25th year.. Organic and Biomolecular Chemistry, 2003, 1, 2486.	2.8	40
7	Synthesis and evaluation of new phosphonic, bisphosphonic and difluoromethylphosphonic acid monomers for dental application. European Polymer Journal, 2012, 48, 318-330.	5.4	35
8	Synthesis of Fluorinated and Trifluoromethyl-Substituted Alkenes through the Modified Julia Olefination: An Update. Synthesis, 2015, 47, 1534-1546.	2.3	34
9	Toward the Synthesis of Benzothiazolyl Fluoroaminosulfones. Journal of Organic Chemistry, 2009, 74, 9399-9405.	3.2	32
10	Fluorophosphonylated Nucleoside Derivatives as New Series of Thymidine Phosphorylase Multisubstrate Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 2758-2768.	6.4	31
11	Thia-Wittig-like Reactions as a New Route for the Stereoselective Synthesis of (Z)-Fluoroalkenoates. Organic Letters, 1999, 1, 1539-1541.	4.6	30
12	Synthesis of fluorophosphonylated acyclic nucleotide analogues via copper(I)-catalyzed Huisgen 1-3 dipolar cycloaddition. Organic and Biomolecular Chemistry, 2009, 7, 4481.	2.8	29
13	Selective fluorination by halogen exchange of chlorodiazines and chloropyridines promoted by the proton sponge triethylamine tris(hydrogen fluoride) system. Tetrahedron, 2001, 57, 739-750.	1.9	28
14	Synthesis of Fluorinated <i>exo</i> -Glycols through Modified Julia Olefination. European Journal of Organic Chemistry, 2013, 2013, 1872-1875.	2.4	27
15	Synthesis of Thiazolines Linked to a Difluoromethylphosphonate Diester via Dithioester Chemistry. Organic Letters, 2002, 4, 843-846.	4.6	25
16	Diastereocontrolled addition of organometallic reagents to S-chiral N-(tert-butanesulfinyl)- α -fluoroenamines. Tetrahedron Letters, 2009, 50, 264-266.	1.4	25
17	Convergent synthesis of functionalized fluoroallylamines by the Julia-Kocienski reaction. Tetrahedron, 2011, 67, 1398-1405.	1.9	25
18	Lewis acid induced ene cyclization of ω -olefinic trifluoromethyl ketones: access to bicyclic compounds bearing a trifluoromethyl group. Journal of Organic Chemistry, 1991, 56, 5800-5808.	3.2	23

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19	Efficient synthesis of fluorothiosparfosic acid analogues with potential antitumoral activity. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 4921-4928.	3.0	23
20	Efficient Synthesis of Fluorophosphonylated Alkyles by Ring-Opening Reaction of Cyclic Sulfates. <i>Organic Letters</i> , 2008, 10, 3895-3898.	4.6	22
21	1, 3-Dipolar cycloaddition between ethyl trifluoroacetate and N-(benzylidene)methylamine N-oxide. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 2888-2889.	0.9	21
22	Syntheses of α -Fluoro- β , γ -unsaturated Thioamides and Thiazolines from a Fluorophosphonodithioacetate. <i>Journal of Organic Chemistry</i> , 2004, 69, 4670-4676.	3.2	21
23	The proton sponge "triethylamine tris(hydrogen fluoride) system as a selective nucleophilic fluorinating reagent for chlorodiazines. <i>Tetrahedron Letters</i> , 2000, 41, 6763-6767.	1.4	20
24	tert-Butylsulfinyl-fluoroacetate: versatile reagent for the preparation of fluoroethylidenoate derivatives. <i>Tetrahedron</i> , 2002, 58, 4759-4767.	1.9	20
25	Synthesis of thiapyranoside precursors using the building-block approach from a phosphonodifluorodithioacetate. <i>Tetrahedron Letters</i> , 2002, 43, 2033-2036.	1.4	20
26	Ready Synthetic Access to Enantiopure Allylic α -Branched Fluoroalkenes. <i>Organic Letters</i> , 2013, 15, 2450-2453.	4.6	20
27	Photoinduced Nonstabilized Azomethine Ylide Formation for the Preparation of Fluorine Containing Pyrrolidines. <i>Journal of Organic Chemistry</i> , 2019, 84, 5877-5885.	3.2	20
28	Radical conjugate addition of ambiphilic fluorinated free radicals. <i>Tetrahedron</i> , 2013, 69, 5920-5926.	1.9	19
29	Fluorination of α , β -dichlorosulfides: access to gem-difluorothioethers as useful building blocks. <i>Tetrahedron Letters</i> , 2003, 44, 5061-5064.	1.4	18
30	Aza-Michael Access to Fluoroalkylidene Analogues of Biomolecules. <i>Journal of Organic Chemistry</i> , 2013, 78, 8083-8097.	3.2	18
31	Access to Fluoropyrrolidines by Intramolecular Aza-Michael Addition Reaction. <i>Journal of Organic Chemistry</i> , 2016, 81, 6714-6720.	3.2	18
32	Relative <i>ortho</i> -directing power of fluorine, chlorine and methoxy group for the metalation reaction in the diazine series. <i>Diazines XXXV. Journal of Heterocyclic Chemistry</i> , 2003, 40, 855-860.	2.6	17
33	Stereoselective formation of (Z)-2-fluoroalkenoates via Julia-Kocienski reaction of aldehydes with pyrimidinyl-fluorosulfones. <i>Tetrahedron</i> , 2014, 70, 5632-5639.	1.9	17
34	First Direct Access to Angularly Trifluoromethyl-Substituted Tricyclic Compounds via a Diels-Alder Reaction Performed with a Trialkyl Olefin. <i>Synlett</i> , 1992, 1992, 146-148.	1.8	14
35	Synthesis of substituted <i>exo</i> -glucals via a modified Julia olefination and identification as selective β -glucosidase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 690-699.	2.8	14
36	Fluorophosphonylated Monomers for Dental Applications. <i>Organic Process Research and Development</i> , 2014, 18, 1010-1019.	2.7	14

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37	First Synthesis of 4,4-Difluoro-1,3-oxathiolan-5-one. <i>Synlett</i> , 2002, 2002, 0996-0998.	1.8	12
38	Inhibition of <i>d</i> -alanylation of teichoic acids overcomes resistance of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2778-2786.	3.0	12
39	Synthesis of fluorinated agonist of sphingosine-1-phosphate receptor 1. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4955-4960.	3.0	11
40	Synthesis and characterization of innovative well-defined difluorophosphonylated-(co)polymers by RAFT polymerization. <i>Polymer Chemistry</i> , 2015, 6, 4597-4604.	3.9	11
41	Synthesis of Fluoropyrrolidines and (Fluoroalkyl)pyrrolidines. <i>Synthesis</i> , 2017, 49, 3848-3862.	2.3	11
42	Radical Allylation: E-Selective Radical Conjugate Addition–Elimination Reaction from Morita–Baylis–Hillman Adducts. <i>Synlett</i> , 2018, 29, 46-50.	1.8	11
43	Decarboxylation of fluorosulfones for the preparation fluoroalkylidene precursors. <i>Journal of Fluorine Chemistry</i> , 2012, 134, 128-135.	1.7	10
44	Synthesis of Fluorine-Containing 3,3-Disubstituted Oxetanes and Alkylidene Oxetanes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3121-3128.	2.4	10
45	Redox and spin-trapping properties of phosphoryldithioacetates. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 250-257.	2.8	9
46	Synthesis of difluoromethylphosphonamidates by direct addition of amine. <i>Tetrahedron Letters</i> , 2011, 52, 3681-3685.	1.4	8
47	Genetic and pharmacological inactivation of <i>d</i> -alanylation of teichoic acids sensitizes pathogenic enterococci to β -lactams. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3162-3169.	3.0	8
48	Fluorinated hydroxypiperidines as selective β -glucosidase inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5983-5996.	2.8	7
49	Synthesis and biological evaluation of fluorinated acyclothionucleosides. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 848-851.	1.7	4
50	Radical Conjugated Addition: Addition of Dialkyl Phosphonodifluoromethyl Radical onto Unsaturated Ketones. <i>Synlett</i> , 2009, 2009, 981-985.	1.8	4
51	Use of a chromium tricarbonyl complex in a diels-alder reaction: Improved preparation of angularly trifluoromethyl-substituted tetrahydrophenanthrone. <i>Applied Organometallic Chemistry</i> , 1994, 8, 551-552.	3.5	3
52	Synthesis of 5,5-difluoro-5-phosphono-pent-2-en-1-yl nucleosides as potential antiviral agents. <i>RSC Advances</i> , 2017, 7, 32282-32287.	3.6	3
53	Difluorophosphonylated Allylic Ether Moiety as a $2'$ -Modification of RNA-Type Molecules: Synthesis, Thermal, and Metabolic Studies. <i>Organic Letters</i> , 2019, 21, 4803-4807.	4.6	3
54	Metal-Free Aminomethylation of Aromatic Sulfones Promoted by Eosin Y. <i>Chemistry - A European Journal</i> , 2021, 27, 14826-14830.	3.3	3

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55	Convergent access to mono-fluoroalkene-based peptidomimetics. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1205-1218.	2.8	3
56	A Difluorosulfide as a Freon-Free Source of Phosphonodifluoromethyl Carbanion.. <i>ChemInform</i> , 2003, 34, no.	0.0	2
57	Selective preparation of tetrasubstituted fluoroalkenes by fluorine-directed oxetane ring-opening reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1936-1946.	2.2	2
58	Crystal Structure of a Cyclohexylammonium Salt of the N-(2,2-Difluoro-2-phosphonoethanethioyl)aspartate: A Difluorinated N-(Phosphonoacetyl)-L-aspartate (PALA) Thio Analogue. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2008, 24, X293-X294.	0.1	1
59	A straightforward synthesis of well-defined difluorophosphonylated terminated poly(ϵ -caprolactone) for grafting onto iron oxide magnetic nanoparticles. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2453-2458.	2.3	1
60	Fluorination of α,α -Dichlorosulfides: Access to gem-Difluorothioethers as Useful Building Blocks.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
61	Relative ortho-Directing Power of Fluorine, Chlorine and Methoxy Group for the Metalation Reaction in the Diazine Series. <i>Diazines. Part 35.. ChemInform</i> , 2004, 35, no.	0.0	0
62	Syntheses of α -Fluoro- β -Unsaturated Thioamides and Thiazolines from a Fluorophosphonodithioacetate.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
63	Synthesis of 2,3-Dideoxy-2-Fluoro-4-Thionucleosides from a Fluoroxanthate. <i>Synlett</i> , 2008, 2008, 817-820.	1.8	0
64	Access to mixed difluoromethylphosphonates by alkylation of phosphonamidates. <i>Journal of Fluorine Chemistry</i> , 2022, 261-262, 110017.	1.7	0