# Thierry Lequeux

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 64 papers | 1,110 citations | 361413 20 h-index | 477307 29 g-index |
| 88 all docs | 88 docs citations | 88 times ranked | 772 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Modified Julia Fluoroolefination:â€‰ 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 Alkenesâ€. 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 Additionâ^Substitution Reactions. Journal of Organic Chemistry, 2006, 71, 2352-2359. | 3.2 | 41 |
| 5 | Scope and limitations of the Juliaâ€“Kocienski reaction with fluorinated sulfonylesters. Tetrahedron, 2009, 65, 3967-3973. | 1.9 | 41 |
| 6 | A difluorosulfide as a Freon-free source of phosphonodifluoromethyl carbanionIn 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 â€˜proton spongeâ€™â€”triethylamine tris(hydrogen fluoride) system. Tetrahedron, 2001, 57, 739-750. | 1.9 | 28 |
| 14 | Synthesis of Fluorinated exoâ€Glycals 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)-Î±-fluoroenimines. Tetrahedron Letters, 2009, 50, 264-266. | 1.4 | 25 |
| 17 | Convergent synthesis of functionalized fluoroallylamines by the Juliaâ€“Kocienski reaction. Tetrahedron, 2011, 67, 1398-1405. | 1.9 | 25 |
| 18 | Lewis acid induced ene cyclization of .omega.-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. Bioorganic and Medicinal Chemistry, 2005, 13, 4921-4928. | 3.0 | 23 |
| 20 | Efficient Synthesis of Fluorophosphonylated Alkyles by Ring-Opening Reaction of Cyclic Sulfates. Organic Letters, 2008, 10, 3895-3898. | 4.6 | 22 |
| 21 | 1, 3-Dipolar cycloaddition between ethyl trifluoroacetoacetate and N-(benzylidene)methylamine N-oxide. Journal of the Chemical Society Perkin Transactions 1, 1991, , 2888-2889. | 0.9 | 21 |
| 22 | Syntheses of Î±-Fluoro-Î±,Î²-unsaturated Thioamides and Thiazolines from a Fluorophosphonodithioacetate. Journal of Organic Chemistry, 2004, 69, 4670-4676. | 3.2 | 21 |
| 23 | The proton spongeâ€“triethylamine tris(hydrogen fluoride) system as a selective nucleophilic fluorinating reagent for chlorodiazines. Tetrahedron Letters, 2000, 41, 6763-6767. | 1.4 | 20 |
| 24 | tert-Butylsulfinyl-fluoroacetate: versatile reagent for the preparation of fluoroethylidenoate derivatives. Tetrahedron, 2002, 58, 4759-4767. | 1.9 | 20 |
| 25 | Synthesis of thiapyranoside precursors using the building-block approach from a phosphonodifluorodithioacetate. Tetrahedron Letters, 2002, 43, 2033-2036. | 1.4 | 20 |
| 26 | Ready Synthetic Access to Enantiopure Allylic Î±<sub>(F)</sub>-Branched Fluoroalkenes. Organic Letters, 2013, 15, 2450-2453. | 4.6 | 20 |
| 27 | Photoinduced Nonstabilized Azomethine Ylide Formation for the Preparation of Fluorine Containing Pyrrolidines. Journal of Organic Chemistry, 2019, 84, 5877-5885. | 3.2 | 20 |
| 28 | Radical conjugate addition of ambiphilic fluorinated free radicals. Tetrahedron, 2013, 69, 5920-5926. | 1.9 | 19 |
| 29 | Fluorination of Î±,Î±-dichlorosulfides: access to gem-difluorothioethers as useful building blocks. Tetrahedron Letters, 2003, 44, 5061-5064. | 1.4 | 18 |
| 30 | Aza-Michael Access to Fluoroalkylidene Analogues of Biomolecules. Journal of Organic Chemistry, 2013, 78, 8083-8097. | 3.2 | 18 |
| 31 | Access to Fluoropyrrolidines by Intramolecular Aza-Michael Addition Reaction. Journal of Organic Chemistry, 2016, 81, 6714-6720. | 3.2 | 18 |
| 32 | Relative orthoâ€directing power of fluorine, chlorine and methoxy group for the metalation reaction in the diazine series. Diazines XXXV. Journal of Heterocyclic Chemistry, 2003, 40, 855-860. | 2.6 | 17 |
| 33 | Stereoselective formation of (Z)-2-fluoroalkenoates via Juliaâ€“Kocienski reaction of aldehydes with pyrimidinyl-fluorosulfones. Tetrahedron, 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. Synlett, 1992, 1992, 146-148. | 1.8 | 14 |
| 35 | Synthesis of substituted exo-glucals via a modified Julia olefination and identification as selective Î²-glucosidase inhibitors. Organic and Biomolecular Chemistry, 2014, 12, 690-699. | 2.8 | 14 |
| 36 | Fluorophosphonylated Monomers for Dental Applications. Organic Process Research and Development, 2014, 18, 1010-1019. | 2.7 | 14 |

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|---|---|---|---|
| 37 | First Synthesis of 4,4-Difluoro-1,3-oxathiolan-5-one. Synlett, 2002, 2002, 0996-0998. | 1.8 | 12 |
| 38 | Inhibition of <scp>d</scp>-alanylation of teichoic acids overcomes resistance of methicillin-resistant Staphylococcus aureus. Journal of Antimicrobial Chemotherapy, 2021, 76, 2778-2786. | 3.0 | 12 |
| 39 | Synthesis of fluorinated agonist of sphingosine-1-phosphate receptor 1. Bioorganic and Medicinal Chemistry, 2014, 22, 4955-4960. | 3.0 | 11 |
| 40 | Synthesis and characterization of innovative well-defined difluorophosphonylated-(co)polymers by RAFT polymerization. Polymer Chemistry, 2015, 6, 4597-4604. | 3.9 | 11 |
| 41 | Synthesis of Fluoropyrrolidines and (Fluoroalkyl)pyrrolidines. Synthesis, 2017, 49, 3848-3862. | 2.3 | 11 |
| 42 | Radical Allylation: E-Selective Radical Conjugate Additionâ€“Elimination Reaction from Moritaâ€“Baylisâ€“Hillman Adducts. Synlett, 2018, 29, 46-50. | 1.8 | 11 |
| 43 | Decarboxylation of fluorosulfones for the preparation fluoroalkylidene precursors. Journal of Fluorine Chemistry, 2012, 134, 128-135. | 1.7 | 10 |
| 44 | Synthesis of Fluorineâ€Containing 3,3â€Disubstituted Oxetanes and Alkylidene Oxetanes. European Journal of Organic Chemistry, 2015, 2015, 3121-3128. | 2.4 | 10 |
| 45 | Redox and spin-trapping properties of phosphoryldithioacetates. Physical Chemistry Chemical Physics, 2005, 7, 250-257. | 2.8 | 9 |
| 46 | Synthesis of difluoromethylphosphonamidates by direct addition of amine. Tetrahedron Letters, 2011, 52, 3681-3685. | 1.4 | 8 |
| 47 | Genetic and pharmacological inactivation of d-alanylation of teichoic acids sensitizes pathogenic enterococci to Î²-lactams. Journal of Antimicrobial Chemotherapy, 2019, 74, 3162-3169. | 3.0 | 8 |
| 48 | Fluorinated hydroxypiperidines as selective Î²-glucosidase inhibitors. Organic and Biomolecular Chemistry, 2015, 13, 5983-5996. | 2.8 | 7 |
| 49 | Synthesis and biological evaluation of fluorinated acyclothionucleosides. Journal of Fluorine Chemistry, 2008, 129, 848-851. | 1.7 | 4 |
| 50 | Radical Conjugated Addition: Addition of Dialkyl Phosphonodifluoromethyl Radical onto Unsaturated Ketones. Synlett, 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. Applied Organometallic Chemistry, 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. RSC Advances, 2017, 7, 32282-32287. | 3.6 | 3 |
| 53 | Difluorophosphonylated Allylic Ether Moiety as a 2â€²-Modification of RNA-Type Molecules: Synthesis, Thermal, and Metabolic Studies. Organic Letters, 2019, 21, 4803-4807. | 4.6 | 3 |
| 54 | Metalâ€Free Aminomethylation of Aromatic Sulfones Promoted by Eosin Y. Chemistry - A European Journal, 2021, 27, 14826-14830. | 3.3 | 3 |

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| 55 | Convergent access to mono-fluoroalkene-based peptidomimetics. Organic and Biomolecular Chemistry, 2022, 20, 1205-1218. | 2.8 | 3 |
| 56 | A Difluorosulfide as a Freon-Free Source of Phosphonodifluoromethyl Carbanion.. ChemInform, 2003, 34, no. | 0.0 | 2 |
| 57 | Selective preparation of tetrasubstituted fluoroalkenes by fluorine-directed oxetane ring-opening reactions. Beilstein Journal of Organic Chemistry, 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. Analytical Sciences: X-ray Structure Analysis Online, 2008, 24, X293-X294. | 0.1 | 1 |
| 59 | A straightforward synthesis of wellâ€defined difluorophosphonylated terminated poly(Îµâ€caprolactone) for grafting onto iron oxide magnetic nanoparticles. Journal of Polymer Science Part A, 2016, 54, 2453-2458. | 2.3 | 1 |
| 60 | Fluorination of Î±,Î±-Dichlorosulfides: Access to gem-Difluorothioethers as Useful Building Blocks.. ChemInform, 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. Diazines. Part 35.. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 62 | Syntheses of Î±-Fluoro-Î±,Î²-Unsaturated Thioamides and Thiazolines from a Fluorophosphonodithioacetate.. ChemInform, 2004, 35, no. | 0.0 | 0 |
| 63 | Synthesis of 2â€²,3â€²-Dideoxy-2â€²-Fluoro-4â€²-Thionucleosides from a Fluoroxanthate. Synlett, 2008, 2008, 817-820. | 1.8 | 0 |
| 64 | Access to mixed difluoromethylphosphonates by alkylation of phosphonamidates. Journal of Fluorine Chemistry, 2022, 261-262, 110017. | 1.7 | 0 |