

Samuel Couve-Bonnaire

List of Publications by Year in descending order

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1496
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorocyclopropane-Containing Proline Analogue: Synthesis and Conformation of an Item in the Peptide Chemist's Toolbox. ACS Omega, 2022, 7, 4868-4878.	1.6	4
2	Catalytic Asymmetric Syntheses of Alkylidenecyclopropanes from Allenates with Donor-Acceptor and Diacceptor Diazo Reagents. Chemistry - A European Journal, 2022, 28, .	1.7	3
3	Phospha-Michael Addition on α -Fluorinated Acrylates: A Straightforward Access to Polyfunctionalized Fine Chemicals. Journal of Organic Chemistry, 2022, 87, 9210-9221.	1.7	3
4	Biocatalytic Strategy for the Highly Stereoselective Synthesis of CHF ₂ -Containing Trisubstituted Cyclopropanes. Angewandte Chemie - International Edition, 2021, 60, 7072-7076.	7.2	40
5	Biocatalytic Strategy for the Highly Stereoselective Synthesis of CHF ₂ -Containing Trisubstituted Cyclopropanes. Angewandte Chemie, 2021, 133, 7148-7152.	1.6	7
6	Synthesis of Fluoro-, Monofluoromethyl-, Difluoromethyl-, and Trifluoromethyl-Substituted Three-Membered Rings. Chemistry - A European Journal, 2021, 27, 2935-2962.	1.7	40
7	Wonderful fusion of organofluorine chemistry and decarboxylation strategy. Chemical Society Reviews, 2021, 50, 6094-6151.	18.7	64
8	Access to Trisubstituted Fluoroalkenes by Ruthenium-Catalyzed Cross-Metathesis. Advanced Synthesis and Catalysis, 2021, 363, 2140-2147.	2.1	13
9	Palladium-Catalysed Oxidative Decarboxylative Cross-Coupling of Heteroarenes with CF ₃ -Acrylic Acids. ChemistrySelect, 2021, 6, 7367-7371.	0.7	1
10	<i>gem</i> -Heteroatom-Substituted Fluoroalkenes as Mimics of Amide Derivatives or Phosphates: A Comprehensive Review. Chemistry - A European Journal, 2021, 27, 17273-17292.	1.7	23
11	Metal-Catalyzed Metathesis of Fluorinated Alkenes: Still a Current Major Challenge. ACS Catalysis, 2021, 11, 12307-12323.	5.5	7
12	Frontispiece: <i>gem</i> -Heteroatom-Substituted Fluoroalkenes as Mimics of Amide Derivatives or Phosphates: A Comprehensive Review. Chemistry - A European Journal, 2021, 27, .	1.7	0
13	<i>S</i> -(Diethyl phosphonodifluoromethyl)Benzenesulfonothioate: A New Reagent for the Synthesis of SCF ₂ PO(OEt) ₂ -containing Molecules. Advanced Synthesis and Catalysis, 2020, 362, 760-764.	2.1	16
14	Ligand Free Palladium-Catalyzed Synthesis of α -Trifluoromethylacrylic Acids and Related Acrylates by Three-Component Reaction. Advanced Synthesis and Catalysis, 2020, 362, 949-954.	2.1	6
15	Organocatalyzed Sulfa-Michael Addition of Thiophenols on Trisubstituted α -Fluoroacrylates, a Straightforward Access to Chiral Fluorinated Compounds. Journal of Organic Chemistry, 2020, 85, 14055-14067.	1.7	8
16	Ligand-free palladium-catalyzed Mizoroki-Heck reaction to synthesize valuable α -trifluoromethylacrylates. Journal of Fluorine Chemistry, 2020, 233, 109483.	0.9	5
17	Synthesis of α -Trifluoromethylacrylates by Ligand-Free Palladium-Catalyzed Mizoroki-Heck Reaction. Journal of Organic Chemistry, 2019, 84, 2072-2082.	1.7	14
18	Effect of Fluorination on Skin Sensitization Potential and Fragrant Properties of Cinnamyl Compounds. Chemistry and Biodiversity, 2018, 15, e1800013.	1.0	5

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19	Synthesis of α -Fluorinated Acrylates by a Palladium-Catalyzed Decarboxylative Olefination Reaction. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3705-3715.	1.2	17
20	Ring-closing metathesis of fluoroalkenes toward the synthesis of fluorinated heterocycles containing an oxaza bond. <i>Comptes Rendus Chimie</i> , 2018, 21, 740-748.	0.2	4
21	Transition metal-free stereospecific access to (E)-(1-fluoro-2-arylviny)phosphine borane complexes. <i>Chemical Communications</i> , 2017, 53, 2048-2051.	2.2	9
22	Metal-Catalyzed Direct C-H Fluoroalkenylation of Pyridine <i>N</i> -Oxides and Related Derivatives. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3049-3054.	1.2	14
23	Access to Constrained Fluoropseudopeptides via Ring-Closing Metathesis of Fluoroalkenes. <i>Organic Letters</i> , 2016, 18, 3606-3609.	2.4	21
24	Stereospecific Synthesis of Tri- and Tetrasubstituted α -Fluoroacrylates by Mizoroki-Heck Reaction. <i>Organic Letters</i> , 2016, 18, 540-543.	2.4	46
25	Copper-catalyzed direct C-H fluoroalkenylation of heteroarenes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 353-357.	1.5	15
26	Toward the Synthesis of Fluorinated Analogues of HCV NS3/4A Serine Protease Inhibitors Using Methyl α -Amino- β -fluoro- β -vinylcyclopropanecarboxylate as Key Intermediate. <i>Organic Letters</i> , 2015, 17, 2968-2971.	2.4	16
27	The fluoroalkene motif as a surrogate of the amide bond: syntheses of AA-[<i>Z</i>] and (E)-CFCH]-Pro pseudodipeptides and an Enalapril analogue. <i>Tetrahedron</i> , 2015, 71, 7054-7062.	1.0	22
28	Efficient access to fluorinated homoallylic alcohols through an indium promoted fluoroallylation reaction. <i>Tetrahedron</i> , 2014, 70, 3123-3133.	1.0	9
29	Indium-Promoted Diastereoselective Addition of Fluorinated Haloallylic Derivatives to Imines. <i>Journal of Organic Chemistry</i> , 2014, 79, 2916-2925.	1.7	17
30	Pd- and Cu-Catalyzed Stereo- and Regiocontrolled Decarboxylative/C-H Fluoroalkenylation of Heteroarenes. <i>Chemistry - A European Journal</i> , 2014, 20, 15000-15004.	1.7	54
31	Access to Fluorinated Lactams through Ring-Closing Metathesis of Reluctant Fluoroalkenes Promoted by Appropriate Substitution of a Double Bond. <i>ACS Catalysis</i> , 2014, 4, 2374-2378.	5.5	18
32	Straightforward asymmetric synthesis of Ala-[CFCH]-Pro, a proline-containing pseudodipeptide bearing a fluoroolefin as a peptide bond mimic. <i>New Journal of Chemistry</i> , 2013, 37, 1320-1325.	1.4	17
33	Fluorinated Pseudopeptide Analogues of the Neuropeptide 26RFa: Synthesis, Biological, and Structural Studies. <i>ChemBioChem</i> , 2013, 14, 1620-1633.	1.3	38
34	Ethyl dibromofluoroacetate: a versatile reagent for the synthesis of fluorinated molecules. <i>Tetrahedron</i> , 2013, 69, 11039-11055.	1.0	11
35	Synthesis of Fluorinated Cyclopropyl Amino Acid Analogues: Toward the Synthesis of Original Fluorinated Peptidomimetics. <i>Journal of Organic Chemistry</i> , 2013, 78, 212-223.	1.7	30
36	Palladium- and Copper-Catalyzed Stereocontrolled Direct C-H Fluoroalkenylation of Heteroarenes using gem-Bromofluoroalkenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3246-3249.	7.2	50

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37	A practical and straightforward access to fluorinated homoallylic alcohols in aqueous media. <i>Tetrahedron Letters</i> , 2013, 54, 2821-2824.	0.7	9
38	Diethylzinc-Mediated Addition of 2,2-Dibromo-2-fluoroacetamides to Carbonyl Compounds: Synthesis of β -Bromo- β -fluoro- β -hydroxy Amides and/or (<i>Z</i>)-Fluorovinyl Amides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3278-3289.		13
39	Syntheses and Applications of Monofluorinated Cyclopropanes. <i>Chemistry - A European Journal</i> , 2012, 18, 14904-14917.	1.7	68
40	Asymmetric Synthesis of Cyclopropanes with a Monofluorinated Quaternary Stereocenter. <i>Organic Letters</i> , 2012, 14, 5130-5133.	2.4	26
41	One-Step Synthesis of Highly Functionalized Monofluorinated Cyclopropanes from Electron-Deficient Alkenes. <i>Organic Letters</i> , 2012, 14, 2270-2273.	2.4	34
42	Synthesis of fluorinated pseudopeptides: metal mediated reversal of stereochemistry in diastereoselective addition of organometallic reagents to <i>N</i> -(<i>tert</i> -butanesulfinyl)- β -fluoroenamines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2378.	1.5	23
43	Fluorine & chiral: how to create a nonracemic stereogenic carbon "fluorine centre?". <i>Chemical Society Reviews</i> , 2010, 39, 558-568.	18.7	218
44	Diastereocontrolled addition of organometallic reagents to <i>S</i> -chiral <i>N</i> -(<i>tert</i> -butanesulfinyl)- β -fluoroenamines. <i>Tetrahedron Letters</i> , 2009, 50, 264-266.	0.7	25
45	Synthesis of tetrasubstituted β -fluoroenones. <i>Tetrahedron</i> , 2009, 65, 6034-6038.	1.0	14
46	6-Azido <i>D</i> -galactose transfer to <i>N</i> -acetyl- <i>D</i> -glucosamine derivative using commercially available β -1,4-galactosyltransferase. <i>Tetrahedron Letters</i> , 2008, 49, 2294-2297.	0.7	10
47	Chiral dipeptide mimics possessing a fluoroolefin moiety: a relevant tool for conformational and medicinal studies. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 1151.	1.5	182
48	Diastereomeric Fluoroolefins as Peptide Bond Mimics Prepared by Asymmetric Reductive Amination of β -Fluoroenones. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1290-1292.	7.2	123
49	First enantioselective reductive amination of β -fluoroenones. <i>Journal of Fluorine Chemistry</i> , 2007, 128, 34-39.	0.9	18
50	First Stereospecific Synthesis of (<i>E</i>)- or (<i>Z</i>)- β -Fluoroenones via a Kinetically Controlled Negishi Coupling Reaction. <i>Journal of Organic Chemistry</i> , 2006, 71, 4316-4319.	1.7	53
51	Stereocontrolled Solid-Phase Synthesis of a 90-Membered Library of Indoline-Alkaloid-like Polycycles from an Enantioenriched Aminoindoline Scaffold. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1366-1368.	7.2	72
52	Solution- and Solid-Phase Synthesis of Natural Product-Like Tetrahydroquinoline-Based Polycyclics Having a Medium Size Ring. <i>ACS Combinatorial Science</i> , 2004, 6, 735-745.	3.3	23
53	A Solid-Phase, Library Synthesis of Natural-Product-Like Derivatives from an Enantiomerically Pure Tetrahydroquinoline Scaffold. <i>ACS Combinatorial Science</i> , 2004, 6, 73-77.	3.3	19
54	Palladium-catalyzed carbonylative coupling of pyridine halides with aryl boronic acids. <i>Tetrahedron</i> , 2003, 59, 2793-2799.	1.0	77

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55	Direct Synthesis of Benzoylpyridines from Chloropyridines via a Palladium-Carbene Catalyzed Carbonylative Suzuki Cross-Coupling Reaction. <i>Synlett</i> , 2003, 2003, 1874-1876.	1.0	2
56	Palladium-catalyzed carbonylative cross-coupling reactions of pyridine halides and aryl boronic acids: a convenient access to 1±-pyridyl ketones. <i>Tetrahedron Letters</i> , 2001, 42, 3689-3691.	0.7	69
57	Catalytic Synthesis and Asymmetric Reduction of Pyridylglyoxylic Amides and Esters. <i>Advanced Synthesis and Catalysis</i> , 2001, 343, 289-298.	2.1	2
58	Synthesis of pyridylglyoxylic acid derivatives via a palladium-catalysed double carbonylation of iodopyridines. <i>Tetrahedron Letters</i> , 1999, 40, 3717-3718.	0.7	30