Samuel Couve-Bonnaire

List of Publications by Year
in descending order

58 papers	1,787 citations	304743 22 h-index	276875 41 g-index
59 all docs	59 docs citations	59 times ranked	1496 citing authors

#	Article	IF	Citations
1	Fluorocyclopropane-Containing Proline Analogue: Synthesis and Conformation of an Item in the Peptide ChemistÊ¼s Toolbox. ACS Omega, 2022, 7, 4868-4878.	3.5	4
2	Catalytic Asymmetric Syntheses of Alkylidenecyclopropanes from Allenoates with Donorâ€Acceptor and Diacceptor Diazo Reagents. Chemistry - A European Journal, 2022, 28, .	3.3	3
3	Phospha-Michael Addition on Î±-Fluorinated Acrylates: A Straightforward Access to Polyfunctionalized Fine Chemicals. Journal of Organic Chemistry, 2022, 87, 9210-9221.	3.2	3
4	Biocatalytic Strategy for the Highly Stereoselective Synthesis of CHF₂â€Containing Trisubstituted Cyclopropanes. Angewandte Chemie - International Edition, 2021, 60, 7072-7076.	13.8	40
5	Biocatalytic Strategy for the Highly Stereoselective Synthesis of CHF 2 â€Containing Trisubstituted Cyclopropanes. Angewandte Chemie, 2021, 133, 7148-7152.	2.0	7
6	Synthesis of Fluoroâ€, Monofluoromethylâ€, Difluoromethylâ€, and Trifluoromethylâ€Substituted Threeâ€Membered Rings. Chemistry - A European Journal, 2021, 27, 2935-2962.	3.3	40
7	Wonderful fusion of organofluorine chemistry and decarboxylation strategy. Chemical Society Reviews, 2021, 50, 6094-6151.	38.1	64
8	Access to Trisubstituted Fluoroalkenes by Rutheniumâ€Catalyzed Crossâ€Metathesis. Advanced Synthesis and Catalysis, 2021, 363, 2140-2147.	4.3	13
9	Palladiumâ€Catalysed Oxidative Decarboxylative Crossâ€Coupling of Heteroarenes with CF 3 â€Acrylic Acids. ChemistrySelect, 2021, 6, 7367-7371.	1.5	1
10	gemâ€Heteroatomâ€Substituted Fluoroalkenes as Mimics of Amide Derivatives or Phosphates: A Comprehensive Review. Chemistry - A European Journal, 2021, 27, 17273-17292.	3.3	23
11	Metal-Catalyzed Metathesis of Fluorinated Alkenes: Still a Current Major Challenge. ACS Catalysis, 2021, 11, 12307-12323.	11.2	7
12	Frontispiece: gemâ€Heteroatomâ€Substituted Fluoroalkenes as Mimics of Amide Derivatives or Phosphates: A Comprehensive Review. Chemistry - A European Journal, 2021, 27, .	3.3	0
13	Sâ€(Diethyl phosphonodifluoromethyl)Benzenesulfonothioate: A New Reagent for the Synthesis of SCF₂PO(OEt)₂â€containing Molecules. Advanced Synthesis and Catalysis, 2020, 362, 760-764.	4.3	16
14	Ligand Free Palladiumâ€Catalyzed Synthesis of Î±â€Trifluoromethylacrylic Acids and Related Acrylates by Threeâ€Component Reaction. Advanced Synthesis and Catalysis, 2020, 362, 949-954.	4.3	6
15	Organocatalyzed Sulfa-Michael Addition of Thiophenols on Trisubstituted Î±-Fluoroacrylates, a Straightforward Access to Chiral Fluorinated Compounds. Journal of Organic Chemistry, 2020, 85, 14055-14067.	3.2	8
16	Ligand-free palladium-catalyzed Mizoroki-Heck reaction to synthesize valuable Î±-trifluoromethylacrylates. Journal of Fluorine Chemistry, 2020, 233, 109483.	1.7	5
17	Synthesis of Î±-Trifluoromethylacrylates by Ligand-Free Palladium-Catalyzed Mizoroki-Heck Reaction. Journal of Organic Chemistry, 2019, 84, 2072-2082.	3.2	14
18	Effect of Fluorination on Skin Sensitization Potential and Fragrant Properties of Cinnamyl Compounds. Chemistry and Biodiversity, 2018, 15, e1800013.	2.1	5

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19	Synthesis of Î±â€Fluorinated Acrylates by a Palladiumâ€Catalyzed Decarboxylative Olefination Reaction. European Journal of Organic Chemistry, 2018, 2018, 3705-3715.	2.4	17
20	Ring-closing metathesis of fluoroalkenes toward the synthesis of fluorinated heterocycles containing an oxaza bond. Comptes Rendus Chimie, 2018, 21, 740-748.	0.5	4
21	Transition metal-free stereospecific access to (E)-(1-fluoro-2-arylvinyl)phosphine borane complexes. Chemical Communications, 2017, 53, 2048-2051.	4.1	9
22	Metalâ€Catalyzed Direct Câ€"H Fluoroalkenylation of Pyridine Nâ€Oxides and Related Derivatives. European Journal of Organic Chemistry, 2017, 2017, 3049-3054.	2.4	14
23	Access to Constrained Fluoropseudopeptides via Ring-Closing Metathesis of Fluoroalkenes. Organic Letters, 2016, 18, 3606-3609.	4.6	21
24	Stereospecific Synthesis of Tri- and Tetrasubstituted Î±-Fluoroacrylates by Mizorokiâ€"Heck Reaction. Organic Letters, 2016, 18, 540-543.	4.6	46
25	Copper-catalyzed direct Câ€"H fluoroalkenylation of heteroarenes. Organic and Biomolecular Chemistry, 2016, 14, 353-357.	2.8	15
26	Toward the Synthesis of Fluorinated Analogues of HCV NS3/4A Serine Protease Inhibitors Using Methyl Î±-Amino-Î²-fluoro-Î²-vinylcyclopropanecarboxylate as Key Intermediate. Organic Letters, 2015, 17, 2968-2971.	4.6	16
27	The fluoroalkene motif as a surrogate of the amide bond: syntheses of AA-Î¨[(Z) and (E)-CFCH]-Pro pseudodipeptides and an Enalapril analogue. Tetrahedron, 2015, 71, 7054-7062.	1.9	22
28	Efficient access to fluorinated homoallylic alcohols through an indium promoted fluoroallylation reaction. Tetrahedron, 2014, 70, 3123-3133.	1.9	9
29	Indium-Promoted Diastereoselective Addition of Fluorinated Haloallylic Derivatives to Imines. Journal of Organic Chemistry, 2014, 79, 2916-2925.	3.2	17
30	Pdâ€•and Cuâ€Catalyzed Stereoâ€•and Regiocontrolled Decarboxylative/Cï£¿H Fluoroalkenylation of Heteroarenes. Chemistry - A European Journal, 2014, 20, 15000-15004.	3.3	54
31	Access to Fluorinated Lactams through Ring-Closing Metathesis of Reluctant Fluoroalkenes Promoted by Appropriate Substitution of a Double Bond. ACS Catalysis, 2014, 4, 2374-2378.	11.2	18
32	Straightforward asymmetric synthesis of Ala-Î¨[CFî€CH]-Pro, a proline-containing pseudodipeptide bearing a fluoroolefin as a peptide bond mimic. New Journal of Chemistry, 2013, 37, 1320-1325.	2.8	17
33	Fluorinated Pseudopeptide Analogues of the Neuropeptide 26RFa: Synthesis, Biological, and Structural Studies. ChemBioChem, 2013, 14, 1620-1633.	2.6	38
34	Ethyl dibromofluoroacetate: a versatile reagent for the synthesis ofÂfluorinated molecules. Tetrahedron, 2013, 69, 11039-11055.	1.9	11
35	Synthesis of Fluorinated Cyclopropyl Amino Acid Analogues: Toward the Synthesis of Original Fluorinated Peptidomimetics.. Journal of Organic Chemistry, 2013, 78, 212-223.	3.2	30
36	Palladiumâ€•and Copperâ€Catalyzed Stereocontrolled Direct Cï£¿H Fluoroalkenylation of Heteroarenes using gemâ€Bromofluoroalkenes. Angewandte Chemie - International Edition, 2013, 52, 3246-3249.	13.8	50

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37	A practical and straightforward access to fluorinated homoallylic alcohols in aqueous media. Tetrahedron Letters, 2013, 54, 2821-2824.	1.4	9
38	Diethylzincâ€Mediated Addition of 2,2â€Dibromoâ€2â€fluoroacetamides to Carbonyl Compounds: Synthesis of Î±â€Bromoâ€Î±â€fluoroâ€Î²â€hydroxy Amides and/or (Z)â€Fluorovinyl Amides. European Journal of Organic Chemistry, 2013, 2013, 3278-3289.	2.4	13
39	Syntheses and Applications of Monofluorinated Cyclopropanes. Chemistry - A European Journal, 2012, 18, 14904-14917.	3.3	68
40	Asymmetric Synthesis of Cyclopropanes with a Monofluorinated Quaternary Stereocenter. Organic Letters, 2012, 14, 5130-5133.	4.6	26
41	One-Step Synthesis of Highly Functionalized Monofluorinated Cyclopropanes from Electron-Deficient Alkenes. Organic Letters, 2012, 14, 2270-2273.	4.6	34
42	Synthesis of fluorinated pseudopeptides: metal mediated reversal of stereochemistry in diastereoselective addition of organometallic reagents to N-(tert-butanesulfinyl)-Î±-fluoroenimines. Organic and Biomolecular Chemistry, 2011, 9, 2378.	2.8	23
43	Fluorine & chirality: how to create a nonracemic stereogenic carbonâ€“fluorine centre?. Chemical Society Reviews, 2010, 39, 558-568.	38.1	218
44	Diastereocontrolled addition of organometallic reagents to S-chiral N-(tert-butanesulfinyl)-Î±-fluoroenimines. Tetrahedron Letters, 2009, 50, 264-266.	1.4	25
45	Synthesis of tetrasubstituted Î±-fluoroenones. Tetrahedron, 2009, 65, 6034-6038.	1.9	14
46	6-Azido d-galactose transfer to N-acetyl-d-glucosamine derivative using commercially available Î²-1,4-galactosyltransferase. Tetrahedron Letters, 2008, 49, 2294-2297.	1.4	10
47	Chiral dipeptide mimics possessing a fluoroolefin moiety: a relevant tool for conformational and medicinal studies. Organic and Biomolecular Chemistry, 2007, 5, 1151.	2.8	182
48	Diastereomeric Fluoroolefins as Peptide Bond Mimics Prepared by Asymmetric Reductive Amination of Î±-Fluoroenones. Angewandte Chemie - International Edition, 2007, 46, 1290-1292.	13.8	123
49	First enantioselective reductive amination of Î±-fluoroenones. Journal of Fluorine Chemistry, 2007, 128, 34-39.	1.7	18
50	First Stereospecific Synthesis of (E)- or (Z)-Î±-Fluoroenones via a Kinetically Controlled Negishi Coupling Reaction. Journal of Organic Chemistry, 2006, 71, 4316-4319.	3.2	53
51	Stereocontrolled Solid-Phase Synthesis of a 90-Membered Library of Indoline-Alkaloid-like Polycycles from an Enantioenriched Aminoindoline Scaffold. Angewandte Chemie - International Edition, 2005, 44, 1366-1368.	13.8	72
52	Solution- and Solid-Phase Synthesis of Natural Product-Like Tetrahydroquinoline-Based Polycyclics Having a Medium Size Ring. ACS Combinatorial Science, 2004, 6, 735-745.	3.3	23
53	A Solid-Phase, Library Synthesis of Natural-Product-Like Derivatives from an Enantiomerically Pure Tetrahydroquinoline Scaffold. ACS Combinatorial Science, 2004, 6, 73-77.	3.3	19
54	Palladium-catalyzed carbonylative coupling of pyridine halides with aryl boronic acids. Tetrahedron, 2003, 59, 2793-2799.	1.9	77

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55	Direct Synthesis of Benzoylpyridines from Chloropyridines via a Palladium-Carbene Catalyzed Carbonylative Suzuki Cross-Coupling Reaction. Synlett, 2003, 2003, 1874-1876.	1.8	2
56	Palladium-catalyzed carbonylative cross-coupling reactions of pyridine halides and aryl boronic acids: a convenient access to Î±-pyridyl ketones. Tetrahedron Letters, 2001, 42, 3689-3691.	1.4	69
57	Catalytic Synthesis and Asymmetric Reduction of Pyridylglyoxylic Amides and Esters. Advanced Synthesis and Catalysis, 2001, 343, 289-298.	4.3	2
58	Synthesis of pyridylglyoxylic acid derivatives via a palladium-catalysed double carbonylation of iodopyridines. Tetrahedron Letters, 1999, 40, 3717-3718.	1.4	30