Benoit Crousse

List of Publications by Year in descending order

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109321 138484 4,117 122 35 58 citations h-index g-index papers 172 172 172 3961 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Direct Access to Fluorinated Sulfonylhydrazides and Study of Their Reactivity in Thiolation Reaction on Indoles. Helvetica Chimica Acta, 2022, 105, .	1.6	O
2	A one-pot synthesis and X-Ray structural characterization of new highly substituted-allyl carbamates. Journal of Molecular Structure, 2022, 1258, 132548.	3.6	0
3	Synthesis of <i>N</i> -CF ₃ hydrazines through radical trifluoromethylation of azodicarboxylates. Chemical Communications, 2021, 57, 10351-10354.	4.1	15
4	Fluorinated Triazole Foldamers: Folded or Extended Conformational Preferences. ChemPlusChem, 2021, 86, 241-251.	2.8	3
5	An Overview of 4†and 5â€Haloâ€1,2,3â€triazoles from Cycloaddition Reactions. European Journal of Organic Chemistry, 2021, 2021, 2665-2679.	2.4	9
6	β-chlorovinylaldehydes as intermediates in the synthesis of new substituted β–fluoroalkoxyvinyl aldehydes and corresponding alcohols. Journal of Fluorine Chemistry, 2021, 248, 109837.	1.7	3
7	Direct Access to Substituted 4-CF3 \hat{I}^2 -Lactams at the C-3 Position. Frontiers in Chemistry, 2019, 7, 526.	3.6	2
8	Direct Amination of Arenes with Azodicarboxylates Catalyzed by Bisulfate Salt/HFIP Association. ACS Omega, 2019, 4, 8960-8966.	3.5	12
9	Regioselective Halogenation of Arenes and Heterocycles in Hexafluoroisopropanol. Journal of Organic Chemistry, 2018, 83, 930-938.	3.2	121
10	Preparation, characterization and solution behavior of α-hydroxyphosphonate complexes with tin tetrachloride. Journal of Molecular Structure, 2018, 1167, 248-254.	3.6	3
11	Synthesis of new $\hat{l}\pm$ -hydroxyphosphonates and $\hat{l}\pm$ -acetoxyphosphonates. Synthetic Communications, 2018, 48, 1199-1205.	2.1	10
12	Asymmetric Synthesis of Cyclic Fluorinated Amino Acids. European Journal of Organic Chemistry, 2018, 2018, 3688-3692.	2.4	28
13	Friedel–Crafts alkylation reaction with fluorinated alcohols as hydrogen-bond donors and solvents. RSC Advances, 2018, 8, 10314-10317.	3.6	28
14	The main and recent syntheses of the N-CF3 motif. Comptes Rendus Chimie, 2018, 21, 771-781.	0.5	35
15	Bisulfate Salt-Catalyzed Friedel–Crafts Benzylation of Arenes with Benzylic Alcohols. Journal of Organic Chemistry, 2018, 83, 14001-14009.	3.2	28
16	Towards a general synthesis of di-aza-amino acids containing peptides. New Journal of Chemistry, 2018, 42, 17062-17072.	2.8	6
17	N-Difluoromethyl-triazole as a constrained scaffold in peptidomimetics. Chemical Communications, 2017, 53, 5024-5027.	4.1	9
18	Hexafluoroâ€2â€propanol Promotes <i>para</i> â€6elective Câ€"H Amination of Free Anilines with Azodicarboxylates. European Journal of Organic Chemistry, 2017, 2017, 4753-4757.	2.4	41

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19	The use of 4,4,4-trifluorothreonine to stabilize extended peptide structures and mimic \hat{l}^2 -strands. Beilstein Journal of Organic Chemistry, 2017, 13, 2842-2853.	2.2	1
20	One-pot synthesis of new highly substituted allylic phosphorodiamidates. Journal of Fluorine Chemistry, 2016, 189, 96-101.	1.7	9
21	Designed Glycopeptidomimetics Disrupt Protein–Protein Interactions Mediating Amyloid β-Peptide Aggregation and Restore Neuroblastoma Cell Viability. Journal of Medicinal Chemistry, 2016, 59, 2025-2040.	6.4	37
22	Reactivity of carbon dioxide in hydrofluoroethers: a facile access to cyclic carbonates. Chemical Communications, 2015, 51, 12736-12739.	4.1	10
23	Electrophilic Amination of Fluoroalkyl Groups on Azodicarboxylate Derivatives. Journal of Organic Chemistry, 2015, 80, 1964-1971.	3.2	22
24	Benefits of a Dual Chemical and Physical Activation: Direct aza-Michael Addition of Anilines Promoted by Solvent Effect under High Pressure. Journal of Organic Chemistry, 2015, 80, 10375-10379.	3.2	34
25	¹⁹ F NMR monitoring of the eukaryotic 20S proteasome chymotrypsin-like activity: an investigative tool for studying allosteric regulation. Organic and Biomolecular Chemistry, 2014, 12, 4576-4581.	2.8	14
26	Highly Stereoselective azaâ€Baylisâ€"Hillman Reactions of CF ₃ â€Sulfinylimines: Straightforward Access to αâ€Methylene βâ€CF ₃ βâ€Amino Acids. European Journal of Organic Chemistry, 2014, 2014, 3072-3075.	2.4	29
27	Structure–activity relationships of sugar-based peptidomimetics as modulators of amyloid β-peptide early oligomerization and fibrillization. European Journal of Medicinal Chemistry, 2014, 86, 752-758.	5. 5	24
28	Synthesis of α-CF3 azanorbornene and azetidines by aza Diels–Alder or iodine-mediated cyclizations: application in ROMP and ligand design. Tetrahedron Letters, 2014, 55, 6339-6342.	1.4	8
29	Access to novel functionalized trifluoromethyl \hat{l}^2 -lactams by ring expansion of aziridines. Organic and Biomolecular Chemistry, 2014, 12, 6345.	2.8	23
30	Straightforward synthesis of 2-propylquinolines under multicomponent conditions in fluorinated alcohols. Journal of Fluorine Chemistry, 2013, 152, 94-98.	1.7	10
31	\hat{l}_{\pm} - and \hat{l}^2 -hydrazino acid-based pseudopeptides inhibit the chymotrypsin-like activity of the eukaryotic 20S proteasome. European Journal of Medicinal Chemistry, 2013, 70, 505-524.	5.5	19
32	Access to novel amino trifluoromethyl cyclopropane carboxylic acid derivatives. Tetrahedron, 2013, 69, 3308-3315.	1.9	16
33	Polyfluorinated mercaptoalcohol as a H-bond modifier of poly(2,3,4,5,6-pentafluorostyrene) (PPFS) enhancing miscibility of hydroxylated-PPFS with various acceptor polymers. Polymer, 2013, 54, 3757-3766.	3.8	12
34	A one-pot synthesis of 3-trifluoromethyl-2-isoxazolines from trifluoromethyl aldoxime. Beilstein Journal of Organic Chemistry, 2013, 9, 2387-2394.	2.2	24
35	Carbonylhydrazide-Based Molecular Tongs Inhibit Wild-Type and Mutated HIV-1 Protease Dimerization. Journal of Medicinal Chemistry, 2012, 55, 6762-6775.	6.4	14
36	Synthesis of fluorinated N-aminoaziridines: access to new CF3-peptidomimetics. Tetrahedron, 2012, 68, 7028-7034.	1.9	23

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37	The fluorous effect in biomolecular applications. Chemical Society Reviews, 2012, 41, 31-42.	38.1	384
38	Self-assembly between 1,4-diazabicyclo [2.2.2] octane and bis (hexafluoroalcohols): solid/liquid phase switching for catalyst recycling. Catalysis Science and Technology, 2012, 2, 934.	4.1	4
39	Fluorous tagging of DABCO through halogen bonding: recyclable catalyst for the Morita–Baylis–Hillman reaction. Chemical Communications, 2011, 47, 5855.	4.1	84
40	Nonmetal Catalyzed Insertion Reactions of Diazocarbonyls to Acid Derivatives in Fluorinated Alcohols. Organic Letters, 2011, 13, 692-695.	4.6	47
41	Synthesis of substituted 8-aminoquinolines and phenanthrolines through a Povarov approach. Organic and Biomolecular Chemistry, 2011, 9, 347-350.	2.8	28
42	Influence of the Structure of Polyfluorinated Alcohols on BrÃ,nsted Acidity/Hydrogen-Bond Donor Ability and Consequences on the Promoter Effect. Journal of Organic Chemistry, 2011, 76, 1126-1133.	3.2	90
43	Transition metal-catalyzed cyclopropanation of alkenes in fluorinated alcohols. Journal of Fluorine Chemistry, 2011, 132, 811-814.	1.7	11
44	Fluorous 4â€ <i>N</i> , <i>N</i> à€Dimethylaminopyridine (DMAP) Salts as Simple Recyclable Acylation Catalysts. Chemistry - A European Journal, 2010, 16, 1776-1779.	3.3	45
45	Synthesis and cytotoxic activity of fluorinated analogues of Goniothalamus lactones. Impact of fluorine on oxidative processes. European Journal of Medicinal Chemistry, 2010, 45, 3213-3218.	5. 5	22
46	Aminocyclopropanes as precursors of endoperoxides with antimalarial activity. Organic and Biomolecular Chemistry, 2010, 8, 5591.	2.8	22
47	Trifluoromethyl nitrones: from fluoral to optically active hydroxylamines. Organic and Biomolecular Chemistry, 2010, 8, 3025.	2.8	11
48	Facile Access to Fluorinated Aryl and Vinyl Ethers through Copper atalysed Reaction of Fluoro Alcohols. European Journal of Organic Chemistry, 2009, 2009, 3513-3518.	2.4	54
49	Synthesis of New Trifluoromethylated Hydroxyethylamineâ€Based Scaffolds. European Journal of Organic Chemistry, 2009, 2009, 5215-5223.	2.4	8
50	Improved Ritter reaction with CF3-containing oxirane for an access to central units of protease inhibitors. Tetrahedron Letters, 2009, 50, 857-859.	1.4	14
51	Diastereoselective Ti-mediated preparation of bicyclic aminocyclopropanes from N-alkenyl amides. Tetrahedron Letters, 2009, 50, 5367-5371.	1.4	14
52	Non Lewis acid catalysed epoxide ring opening with amino acid esters. Organic and Biomolecular Chemistry, 2009, 7, 2026.	2.8	25
53	Synthesis of pyrazoles through catalyst-free cycloaddition of diazo compounds to alkynes. Green Chemistry, 2009, 11, 156-159.	9.0	98
54	Solvent-Promoted and -Controlled Aza-Michael Reaction with Aromatic Amines. Journal of Organic Chemistry, 2009, 74, 6260-6265.	3.2	113

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55	Fluorous analogues of DMAP (F-DMAP): Reusable organocatalysts for acylation reaction. Journal of Fluorine Chemistry, 2008, 129, 974-977.	1.7	10
56	Stereoselective Access to Substituted [(<i>E</i>)―or (<i>Z</i>)―â€(Trifluoromethyl)allyl]amines. European Journal of Organic Chemistry, 2008, 2008, 1527-1534.	2.4	13
57	Synthesis of 2,3-unsaturated glycosides via metal-free Ferrier reaction. Tetrahedron, 2008, 64, 10497-10500.	1.9	38
58	Solubility switch of gold nanoparticles through hydrogen bond association. Chemical Communications, 2008, , 4954.	4.1	9
59	In vitro antileishmanial activity of fluoro-artemisinin derivatives against Leishmania donovani. Biomedicine and Pharmacotherapy, 2008, 62, 462-465.	5.6	20
60	Barbier Conditions for Reformatsky and Alkylation Reactions on Trifluoromethyl Aldimines. Synlett, 2008, 2008, 399-401.	1.8	0
61	Synthesis of new triazole-based trifluoromethyl scaffolds. Beilstein Journal of Organic Chemistry, 2008, 4, 19.	2.2	13
62	New 10-Trifluoromethyl Monomers, Dimers, and Chimeras of Artemisinin from a Key Allyl Bromide Precursor. ACS Symposium Series, 2007, , 337-351.	0.5	1
63	Synthesis of new trifluoromethyl peptidomimetics with a triazole moiety. Tetrahedron Letters, 2007, 48, 8360-8362.	1.4	32
64	A crystalline H-bond cluster of hexafluoroisopropanol (HFIP) and piperidine. Journal of Fluorine Chemistry, 2007, 128, 839-843.	1.7	45
65	SN/SNâ€~ Competition: Selective Access to New 10-Fluoro Artemisinins. Journal of Organic Chemistry, 2006, 71, 3082-3085.	3.2	13
66	Fluoro-artemisinins: When a gem-difluoroethylene replaces a carbonyl group. Journal of Fluorine Chemistry, 2006, 127, 637-642.	1.7	160
67	Synthesis of fluorinated \hat{l}_{\pm},\hat{l}^2 -diamino esters by ring opening of activated 3-trifluoromethyl-aziridine-2-carboxylates. Tetrahedron Letters, 2006, 47, 2065-2068.	1.4	38
68	Self-Promoted Nucleophilic Addition of Hexafluoro-2-propanol to Vinyl Ethers. Advanced Synthesis and Catalysis, 2006, 348, 118-124.	4.3	29
69	Facile Synthesis of Tetrahydroquinolines and Julolidines through ÂMulticomponent Reaction. Synlett, 2006, 2006, 1899-1902.	1.8	40
70	Direct access to CF3-propargyl amines and conversion to difluoromethyl imines. Tetrahedron Letters, 2005, 46, 2219-2221.	1.4	56
71	A One-Pot Synthesis of Doubly Unsaturated Trifluoromethyl Amines:Easy Access to CF3-Substituted Piperidines. European Journal of Organic Chemistry, 2005, 2005, 1258-1265.	2.4	32
72	Direct Access to CF3-Propargyl Amines and Conversion to Difluoromethyl Imines ChemInform, 2005, 36, no.	0.0	0

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73	A One-Pot Synthesis of Doubly Unsaturated Trifluoromethyl Amines: Easy Access to CF3-Substituted Piperidines ChemInform, 2005, 36, no.	0.0	O
74	Selective and Clean Reactions in Fluorinated Alcohols. ChemInform, 2005, 36, no.	0.0	0
75	The Chemistry of Trifluoromethyl Imines and Related Acetals Derived from Fluoral. ChemInform, 2005, 36, no.	0.0	0
76	Reactions of Unsaturated Organometallic Reagents on Trifluoroacetaldimines. ACS Symposium Series, 2005, , 412-428.	0.5	4
77	Synthesis of New Artemisinin-Derived Dimers by Self-Cross-Metathesis Reaction. Organic Letters, 2005, 7, 5219-5222.	4.6	33
78	The chemistry of trifluoromethyl imines and related acetals derived from fluoral. Chemical Society Reviews, 2005, 34, 562.	38.1	110
79	Analogues of Key Precursors of Aspartyl Protease Inhibitors:Â Synthesis of Trifluoromethyl Amino Epoxides. Journal of Organic Chemistry, 2005, 70, 699-702.	3.2	47
80	Fluorinated Alcohols: A New Medium for Selective and Clean Reaction. Synlett, 2004, 2004, 18-29.	1.8	132
81	Vinylogous Mannich Reactions. Additions of Trimethylsilyloxyfuran to Fluorinated Aldimines ChemInform, 2004, 35, no.	0.0	0
82	Vinylogous Mannich reactions. Additions of trimethylsilyloxyfuran to fluorinated aldimines. Tetrahedron Letters, 2004, 45, 5023-5025.	1.4	37
83	Fluoroartemisinin: Trifluoromethyl Analogues of Artemether and Artesunate. Journal of Medicinal Chemistry, 2004, 47, 2694-2699.	6.4	92
84	Orally Active Antimalarials: Hydrolytically Stable Derivatives of 10-Trifluoromethyl Anhydrodihydroartemisininâ€. Journal of Medicinal Chemistry, 2004, 47, 1423-1433.	6.4	54
85	Stereoselective Barbier-Type Allylation Reaction of Trifluoromethyl Aldimines. Journal of Organic Chemistry, 2003, 68, 6444-6446.	3.2	61
86	Urea-Hydrogen Peroxide/Hexafluoro-2-propanol: An Efficient System for a Catalytic Epoxidation Reaction Without a Metal ChemInform, 2003, 34, no.	0.0	0
87	Synthesis of (Trifluoromethyl)aziridines in $1,1,1,3,3,3$ -Hexafluoropropan-2-ol: First Example of Coupling Reactions of Fluoral, an Amine and a Diazo Compound ChemInform, 2003, 34, no.	0.0	0
88	Aza-Diels—Alder Reaction in Fluorinated Alcohols. A One-Pot Synthesis of Tetrahydroquinolines ChemInform, 2003, 34, no.	0.0	0
89	Stereoselective Barbier-Type Allylation Reaction of Trifluoromethyl Aldimines ChemInform, 2003, 34, no.	0.0	0
90	Aza-Diels–Alder reaction in fluorinated alcohols. A one-pot synthesis of tetrahydroquinolines. Tetrahedron Letters, 2003, 44, 217-219.	1.4	56

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91	Preparation of 10-Trifluoromethyl Artemether and Artesunate. Influence of Hexafluoropropan-2-ol on Substitution Reaction. Journal of Organic Chemistry, 2003, 68, 9763-9766.	3.2	25
92	Uncatalysed Domino Reaction in Hexafluoroisopropanol: A Simple Protocol for the Synthesis of Tetrahydroquinoline Derivatives. Synthesis, 2003, 2003, 2231-2235.	2.3	2
93	Anhydrodihydroartemisinin and Its 10-Trifluoromethyl Analogue:Â Access to Novel D-Ring-Contracted Artemisinin Trifluoromethyl Ketones. Journal of Organic Chemistry, 2002, 67, 1253-1260.	3.2	53
94	First Synthesis of 10α-(Trifluoromethyl)deoxoartemisinin. Organic Letters, 2002, 4, 757-759.	4.6	25
95	Synthesis of (Trifluoromethyl)aziridines in 1,1,1,3,3,3-Hexafluoropropan-2-ol: First Example of Coupling Reactions of Fluoral, an Amine and a Diazo Compound. Collection of Czechoslovak Chemical Communications, 2002, 67, 1359-1365.	1.0	14
96	Urea-Hydrogen Peroxide/Hexafluoro-2-propanol: An Efficient System for a Catalytic Epoxidation Reaction without a Metal. European Journal of Organic Chemistry, 2002, 2002, 3290-3293.	2.4	42
97	Design of fluoroketones as efficient reagents for epoxidation reactions in hexafluoropropan-2-ol. Tetrahedron, 2002, 58, 3993-3998.	1.9	23
98	Trifluoromethylcyclohexane as a new solvent? Limits of use. Tetrahedron, 2002, 58, 4067-4070.	1.9	10
99	Trifluoro analog of Hagemann's ester: access to angularly CF3-substituted heterobicyclic compounds. Journal of Fluorine Chemistry, 2002, 117, 137-141.	1.7	10
100	Allylic bromination of anhydrodihydroartemisinin and of its 10-trifluoromethyl analogue: a new access to 16-substituted artemisinin derivatives. Tetrahedron Letters, 2002, 43, 7837-7840.	1.4	17
101	Fluoro Artemisinins: Difluoromethylene Ketones. Journal of Organic Chemistry, 2001, 66, 7858-7863.	3.2	48
102	Intramolecular Pd-Catalyzed Carbocyclization, Heck Reactions, and Aryl-Radical Cyclizations with Planar Chiral Arene Tricarbonyl Chromium Complexes. Journal of Organic Chemistry, 2001, 66, 1852-1860.	3.2	40
103	Novel [1,2]- and [2,3]-Wittig Rearrangements of α-Benzyloxy β-CF3-β-lactam Enolates. Organic Letters, 2001, 3, 2529-2531.	4.6	30
104	Palladium-catalyzed reaction of functionalized \hat{l}^2 -trifluoromethyl vinyl bromides with terminal alkynes and alkenes. Journal of Fluorine Chemistry, 2001, 107, 121-125.	1.7	10
105	Regioselective alkylation of the trifluoromethyl analog of Hagemann's ester. Journal of Fluorine Chemistry, 2001, 108, 91-94.	1.7	3
106	Weakly ligated palladium complexes PdCl2(RCN)2 in piperidine: versatile catalysts for Sonogashira reaction of vinyl chlorides at room temperature. Journal of Organometallic Chemistry, 2001, 624, 114-123.	1.8	82
107	C-10-Fluorinated derivatives of dihydroartemisinin: difluoromethylene ketones. Tetrahedron Letters, 2001, 42, 1487-1489.	1.4	22
108	An efficient and robust fluoroketone catalyst epoxidation. Tetrahedron Letters, 2001, 42, 4463-4466.	1.4	43

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109	First Stereoselective Synthesis of cis 3-CF3-Aziridine-2-carboxylates. A Route to New (Trifluoromethyl) α-Functionalised β-Amino Acids. Synlett, 2001, 2001, 0679-0681.	1.8	67
110	Facile Ring Opening of Oxiranes with Aromatic Amines in Fluoro Alcohols. Journal of Organic Chemistry, 2000, 65, 6749-6751.	3.2	134
111	Synthesis of 2-CF3-Tetrahydroquinoline and Quinoline Derivatives from CF3-N-Aryl-aldimine. Journal of Organic Chemistry, 2000, 65, 5009-5013.	3.2	136
112	From Planar Chiral o-Chloro and o-lodo Benzaldehyde Tricarbonyl Chromium Complexes to Enantiopure Fused Hydroisoquinolines and Hydroquinolines. Synlett, 1999, 1999, 626-628.	1.8	17
113	Stereoselective approaches to (E,E,E) and (Z,E,E)-α-chloro-ω-substituted hexatrienes: Synthesis of all E polyenes. Tetrahedron, 1999, 55, 4353-4368.	1.9	29
114	Synthesis of tetrahydroquinoline derivatives from \hat{l}_{\pm} -CF3-N-arylaldimine and vinyl ethers. Tetrahedron Letters, 1998, 39, 5765-5768.	1.4	61
115	Intramolecular Pd Catalyzed Carbocyclization Reactions with Planar Chiral Arene Tricarbonyl Chromium Complexes. Synlett, 1998, 1998, 658-660.	1.8	14
116	Stereoselective Reduction of Conjugated Homopropargylic Alcohols to (E)-Homoallylic Alcohols by Sodium Bis(2-methoxyethoxy) Aluminium Hydride. Synlett, 1997, 1997, 992-994.	1.8	15
117	A versatile to conjugated hydroxy (E, Z, E, E)-tetraenoic acids: highly chemo- and stereoselective synthesis of lipoxin B4. Tetrahedron: Asymmetry, 1997, 8, 2949-2958.	1.8	19
118	Stereocontrolled synthesis of (E,E,E)-chlorotrienes: Efficient intermediates for the construction of all E conjugated polyenes. Tetrahedron Letters, 1997, 38, 5297-5300.	1.4	18
119	A stereoselective route to 1-chloro-1-halo-enynes, versatile precursors for the synthesis of chloroenediynes and enetriynes. Tetrahedron Letters, 1995, 36, 3687-3690.	1.4	58
120	A stereocontrolled method for the synthesis of conjugated polyenes. Tetrahedron Letters, 1995, 36, 4245-4248.	1.4	38
121	Convenient one-pot synthesis of functionalized unsymmetrical (Z) or (E)-enediynes from (Z) or (E)-1,2-dichloroethylene. An efficient route to (Z,Z,Z) and (Z,E,Z)-trienes. Tetrahedron Letters, 1994, 35, 3543-3544.	1.4	50
122	Total Stereocontrolled Synthesis of Lipoxin B4. Synlett, 1993, 1993, 217-218.	1.8	25