

Thierry Brigaud

List of Publications by Year in descending order

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70
papers

2,171
citations

218662

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243610

44
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97
all docs

97
docs citations

97
times ranked

1406
citing authors

#	ARTICLE	IF	CITATIONS
19	Synthesis of Enantiopure <i>trans</i> -2,5-Disubstituted Trifluoromethylpyrrolidines and (2 <i>S</i> ,5 <i>R</i>)-5-Trifluoromethylproline. <i>Journal of Organic Chemistry</i> , 2015, 80, 2700-2708.	3.2	26
20	First example of ring carbomer of 1,4-cyclohexadiene. <i>French-Ukrainian Journal of Chemistry</i> , 2015, 3, 60-65.	0.4	6
21	Incorporation of CF ₃ "Pseudoproline" into Peptides: A Methodological Study. <i>Journal of Organic Chemistry</i> , 2013, 78, 10144-10153.	3.2	23
22	Synthesis of an MIF-1 analogue containing enantiopure (S)- β -trifluoromethyl-proline and biological evaluation on nociception. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 122-129.	5.5	36
23	Conformational properties of peptides incorporating a fluorinated pseudoproline residue. <i>New Journal of Chemistry</i> , 2013, 37, 1336.	2.8	9
24	Crystallization-Induced Dynamic Resolution of Fox Chiral Auxiliary and Application to the Diastereoselective Electrophilic Fluorination of Amide Enolates. <i>Journal of Organic Chemistry</i> , 2013, 78, 3487-3492.	3.2	27
25	Highly Diastereoselective Synthesis of Enantiopure β -Trifluoromethyl β -Amino Alcohols from Chiral Trifluoromethyl Oxazolidines (Fox). <i>Organic Letters</i> , 2012, 14, 604-607.	4.6	18
26	Local Control of the <i>Cis</i> / <i>Trans</i> Isomerization and Backbone Dihedral Angles in Peptides Using Trifluoromethylated Pseudoproline. <i>Journal of Physical Chemistry B</i> , 2012, 116, 4069-4079.	2.6	24
27	2-Trifluoromethyl-2-methyl-4-phenyloxazolidine: A new chiral auxiliary for highly diastereoselective enolate alkylation. <i>Journal of Fluorine Chemistry</i> , 2012, 134, 122-127.	1.7	6
28	Synthesis of trifluoromethyl cyclohexyl, cyclohexenyl and aryl compounds via stepwise Robinson annulation. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 600-603.	2.8	13
29	Concise synthesis of enantiopure (S)- and (R)- β -trifluoromethyl aspartic acid and β -trifluoromethyl serine from chiral trifluoromethyl oxazolidines (Fox) via a Strecker-type reaction. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 309-314.	1.8	19
30	Straightforward synthesis of enantiopure (R)- and (S)-trifluoroalaninol. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4540.	2.8	9
31	Highly Diastereoselective β -Hydroxylation of Fox Chiral Auxiliary-Based Amide Enolates with Molecular Oxygen. <i>Organic Letters</i> , 2010, 12, 1496-1499.	4.6	48
32	Synthesis of 2-Trifluoromethyl-1,3-oxazolidines as Hydrolytically Stable Pseudoproline. <i>Journal of Organic Chemistry</i> , 2010, 75, 4135-4145.	3.2	41
33	Convenient Synthesis of <i>N</i> -Terminal Tfm-Dipeptides from Unprotected Enantiopure β -Tfm-Proline and β -Tfm-Alanine. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5717-5724.	2.4	45
34	Asymmetric aldol reactions using chiral CF ₃ -Oxazolidines (Fox) as chiral auxiliary. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 1140-1144.	1.7	10
35	Iodocyclization of Chiral CF ₃ -Allylmorpholinones: A Versatile Strategy for the Synthesis of Enantiopure β -Tfm-Proline and β -Tfm-Dihydroxyproline. <i>Organic Letters</i> , 2009, 11, 209-212.	4.6	58
36	Fluorine... and β -Alkali Metal Interactions Control in the Stereoselective Amide Enolate Alkylation with Fluorinated Oxazolidines (Fox) as a Chiral Auxiliary: An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2008, 14, 3363-3370.	3.3	34

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37	Concise access to enantiopure (S)- and (R)- $\hat{1}\pm$ -trifluoromethyl pyroglutamic acids from ethyl trifluoropyruvate-based chiral CF ₃ -oxazolidines (Fox). <i>Journal of Fluorine Chemistry</i> , 2008, 129, 1104-1109.	1.7	35
38	Umpolung Reactivity of Difluoroenol Silyl Ethers with Amines and Amino Alcohols. Application to the Synthesis of Enantiopure $\hat{1}\pm$ -Difluoromethyl Amines and Amino Acids. <i>Journal of Organic Chemistry</i> , 2008, 73, 2564-2569.	3.2	29
39	Highly Diastereoselective Synthetic Route to Enantiopure $\hat{2}$ -Amino Acids and $\hat{3}$ -Amino Alcohols Using a Fluorinated Oxazolidine (Fox) as Chiral Auxiliary. <i>Journal of Organic Chemistry</i> , 2008, 73, 3970-3973.	3.2	38
40	Synthesis of Enantiopure (S)- and (R)- $\hat{1}\pm$ -Trifluoromethyl Proline. <i>Synfacts</i> , 2007, 2007, 0249-0249.	0.0	0
41	Concise Synthesis of Enantiopure $\hat{1}\pm$ -Trifluoromethyl Alanines, Diamines, and Amino Alcohols via the Strecker-type Reaction. <i>Journal of Organic Chemistry</i> , 2006, 71, 7075-7078.	3.2	73
42	Convenient Asymmetric Synthesis of $\hat{2}$ -Trifluoromethyl- $\hat{2}$ -amino Acid, $\hat{2}$ -Amino Ketones, and $\hat{3}$ -Amino Alcohols via Reformatsky and Mannich-Type Reactions from 2-Trifluoromethyl-1,3-oxazolidines. <i>Journal of Organic Chemistry</i> , 2006, 71, 2159-2162.	3.2	74
43	Straightforward Synthesis of (S)- and (R)- $\hat{1}\pm$ -Trifluoromethyl Proline from Chiral Oxazolidines Derived from Ethyl Trifluoropyruvate. <i>Organic Letters</i> , 2006, 8, 6123-6126.	4.6	79
44	Chiral 4-Phenyl-2-trifluoromethyloxazolidine: A High-Performance Chiral Auxiliary for the Alkylation of Amides. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3677-3681.	13.8	34
45	Highly diastereoselective addition of organometallic reagents to a trifluoroacetaldehyde hydrazone derived from (R)-N-benzylphenylglycinol. <i>Tetrahedron Letters</i> , 2005, 46, 4761-4764.	1.4	20
46	Mild Synthesis of $\hat{2}$ -Amino- $\hat{1}\pm$, $\hat{1}\pm$ -difluoro Ketones from Acylsilanes and Trifluoromethyltrimethylsilane in a One-Pot Imino Aldol Reaction. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4304-4312.	2.4	48
47	Lewis acid activation of chiral 2-trifluoromethyl-1,3-oxazolidines. Application to the stereoselective synthesis of trifluoromethylated amines, $\hat{1}\pm$ - and $\hat{2}$ -amino acids. <i>Tetrahedron Letters</i> , 2002, 43, 2827-2830.	1.4	72
48	Mixed Organofluorine $\hat{\omega}$ Organosilicon Chemistry. 13. One-Pot Synthesis of Difluoroaldols from Acylsilanes and Trifluoromethyltrimethylsilane. Application to the Synthesis of a Difluoro Analogue of Egomaketone. <i>Journal of Organic Chemistry</i> , 2001, 66, 1941-1946.	3.2	64
49	Acetyltrimethylsilane, Trifluoromethyltrimethylsilane, and Prenyl Esters: A Three-Component System for the Synthesis of gem-Difluoroanalogues of Monoterpenes. <i>Journal of Organic Chemistry</i> , 2001, 66, 4348-4351.	3.2	20
50	C-10-Fluorinated derivatives of dihydroartemisinin: difluoromethylene ketones. <i>Tetrahedron Letters</i> , 2001, 42, 1487-1489.	1.4	22
51	Reactions of Difluoroenoxy silanes with Glycosyl Donors: Synthesis of Difluoro-C-glycosides and Difluoro-C-disaccharides. <i>Chemistry - A European Journal</i> , 2001, 7, 903-909.	3.3	45
52	Mixed Organofluorine $\hat{\omega}$ Organosilicon Chemistry. Part 13. One-Pot Synthesis of Difluoroaldols from Acylsilanes and Trifluoromethyltrimethylsilane. Application to the Synthesis of a Difluoro Analogue of Egomaketone.. <i>ChemInform</i> , 2001, 32, 68-68.	0.0	0
53	Convergent synthesis of fluoro and gem-difluoro compounds using trifluoromethyltrimethylsilane. <i>Journal of Fluorine Chemistry</i> , 2000, 101, 193-198.	1.7	30
54	Formation and properties of Langmuir and Gibbs monolayers: a comparative study using hydrogenated and partially fluorinated amphiphilic derivatives of mannitol. <i>Chemistry and Physics of Lipids</i> , 2000, 105, 71-91.	3.2	26

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55	Aldol Reactions of Acylsilanes and Difluoroenoxyasilanes. Application to the Synthesis of 2-Fluoro-1,3-diketones. <i>Synlett</i> , 1999, 1999, 432-434.	1.8	28
56	Mixed organofluorine-organosilicon chemistry. 10. Allylation and benzylation of difluoroenoxyasilanes. Application to the synthesis of gem -difluoro-terpene analogues. <i>Tetrahedron</i> , 1999, 55, 7233-7242.	1.9	32
57	Mixed organofluorine-organosilicon chemistry. 8. One-pot synthesis of 2,2-difluoro-1,5 diketones from acylsilanes, trifluoromethyltrimethylsilane and enones, and their annulation reaction. <i>Tetrahedron</i> , 1998, 54, 5939-5948.	1.9	63
58	Tandem radical trifluoromethylation nucleophilic cyclization of a glucose-derived ketene dithioacetal. Synthesis of 5-deoxy-5-C-trifluoromethyl-aldurono-6,3-lactones. <i>Journal of Fluorine Chemistry</i> , 1998, 91, 179-183.	1.7	14
59	Radical Trifluoromethylation of a d-Mannose Derived Ketene Dithioacetal. Synthesis of 2-C-Trifluoromethyl Derivatives of d-glycero-d-galacto- and d-glycero-d-talo-Heptopyranose. <i>Journal of Organic Chemistry</i> , 1997, 62, 9107-9113.	3.2	35
60	Sequential radical perfluoroalkylation - nucleophilic cyclization. Synthesis of 2-perfluoroalkylidenemethyl and 2-perfluoroalkylmethyl-1,4-dioxanes from 1-O-allyl-1,2-diols. <i>Tetrahedron</i> , 1996, 52, 6187-6200.	1.9	17
61	Mixed organofluorine - organosilicon chemistry. 6. Synthesis of gem-difluoro-C-glycosides and C-disaccharides from acylsilanes and trifluoromethyltrimethylsilane. An exploratory study. <i>Tetrahedron Letters</i> , 1996, 37, 6115-6116.	1.4	41
62	Fluorinated ketene dithioacetals. <i>Tetrahedron Letters</i> , 1994, 35, 1985-1988.	1.4	16
63	Synthesis of difluoroenoxyasilanes from acylsilanes and trifluoromethyltrimethylsilane (TFMTMS). Dramatic effect of the catalytic fluoride source. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2117.	2.0	73
64	New and efficient approaches to the semisynthesis of taxol and its C-13 side chain analogs by means of Î²-lactam synthon method. <i>Tetrahedron</i> , 1992, 48, 6985-7012.	1.9	325
65	New and efficient routes to norstatine and its analogs with high enantiomeric purity by Î²-Lactam Synthon Method. <i>Tetrahedron Letters</i> , 1992, 33, 5737-5740.	1.4	42
66	OXIDATIVE FLUORINATION OF SULFIDES IN PRESENCE OF Et ₃ N, 3HF. Phosphorus, Sulfur and Silicon and the Related Elements, 1991, 59, 153-156.	1.6	7
67	Oxidative fluorination of sulfides in presence of Et ₃ N. 3HF. <i>Tetrahedron Letters</i> , 1990, 31, 2287-2290.	1.4	78
68	Trifluoromethylated proline surrogates as part of Pro-Pro turn-inducing templates for the design of b-hairpin mimetics. , 0, , .		0
69	Use of Trifluoromethylated Pseudoprolines for the Design of Collagen Triple Helix containing Unusual C(5)-Substituted Proline Surrogates. , 0, , .		0
70	New insights into the structural and dynamics properties of collagen model peptides using CD spectroscopy, MD simulations and innovative NMR approaches. , 0, , .		0