

Stefania Fioravanti

List of Publications by Year in descending order

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74
papers

1,284
citations

331670

21
h-index

477307

29
g-index

97
all docs

97
docs citations

97
times ranked

785
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile and Highly Stereoselective One-Pot Synthesis of Either (<i>E</i>)- or (<i>Z</i>)-Nitro Alkenes. <i>Organic Letters</i> , 2008, 10, 1449-1451.	4.6	83
2	Aza-Michael Addition of Nosyloxycarbamates to 2-(Trifluoromethyl)acrylates. <i>Organic Letters</i> , 2004, 6, 197-200.	4.6	60
3	Solvent-free aziridination of α -nitroalkenes. <i>Tetrahedron</i> , 1998, 54, 6169-6176.	1.9	47
4	Cinchona alkaloids in the asymmetric synthesis of 2-(phenylsulfanyl)aziridines. <i>Tetrahedron</i> , 2004, 60, 8073-8077.	1.9	39
5	Diastereoselective Aziridination of Chiral α -Carbonyl Enoates. <i>Journal of Organic Chemistry</i> , 2002, 67, 4972-4974.	3.2	37
6	Aziridines versus Vinyl Carbamates from the Direct Amination of Electron-Withdrawing Group-Substituted Trifluoromethyl Enoates. <i>Journal of Organic Chemistry</i> , 2005, 70, 3296-3298.	3.2	37
7	Reagent-controlled diastereoselective aminations with a new chiral nosyloxycarbamate. <i>Tetrahedron Letters</i> , 2003, 44, 3031-3034.	1.4	36
8	Trifluoromethyl aldimines: an overview in the last ten years. <i>Tetrahedron</i> , 2016, 72, 4449-4489.	1.9	35
9	Aziridination of α,β -unsaturated esters by (ethoxycarbonyl)nitrene. <i>Tetrahedron Letters</i> , 1996, 37, 3777-3778.	1.4	34
10	Aziridination of α,β -unsaturated ketones. <i>Tetrahedron</i> , 1998, 54, 14105-14112.	1.9	30
11	Stereoselective aza-MIRC reactions on optically active (<i>E</i>)-nitro alkenes. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 231-236.	1.8	30
12	Asymmetric formation of C–N bonds in chiral enol ethers. <i>Tetrahedron</i> , 1991, 47, 5877-5882.	1.9	29
13	Easy access to α -amino β -oxo esters from β -enamino esters. <i>Tetrahedron Letters</i> , 1999, 40, 4413-4416.	1.4	29
14	Synthesis of optically active trifluoromethyl substituted diaziridines and oxaziridines. <i>Tetrahedron</i> , 2011, 67, 5375-5381.	1.9	28
15	Aza-MIRC Reactions of Sulfonyl-Activated Hydroxycarbamates with α,β -Difunctionalised Acrylates. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4549-4552.	2.4	27
16	Improved amination by ethyl <i>n</i> -(4-nitrophenyl)sulphonyloxy carbamate in the presence of inorganic oxides or carbonates. <i>Tetrahedron</i> , 1994, 50, 3829-3834.	1.9	26
17	<i>N</i> -Protected α -amino ketones from enamines and (ethoxycarbonyl)nitrene. <i>Journal of Organic Chemistry</i> , 1985, 50, 5365-5368.	3.2	24
18	One-Pot Synthesis of Polyfunctionalized Cyclic Urea Derivatives. <i>Organic Letters</i> , 2003, 5, 1019-1021.	4.6	23

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19	Fluorinated β -nitro amines by a selective ZrCl ₄ -catalyzed aza-Henry reaction of (E)-trifluoromethyl aldimines. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8207.	2.8	23
20	Direct amination of β -oxo esters. <i>Tetrahedron Letters</i> , 2001, 42, 1171-1173.	1.4	22
21	Domino reactions for the synthesis of various β -substituted nitro alkenes. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 524-528.	2.8	22
22	Asymmetric addition of ethyl azidoformate to optically active enamines. Reversal of facial selectivity compared with (ethoxycarbonyl)nitrene. <i>Tetrahedron: Asymmetry</i> , 1990, 1, 931-936.	1.8	21
23	A novel route to N-substituted allylamines by the reaction of allylsilanes with (ethoxycarbonyl)nitrene. <i>Tetrahedron Letters</i> , 1993, 34, 4101-4104.	1.4	20
24	Stereoselective Synthesis and ROESY ¹ H NMR Study of Bidiaziridines. <i>Journal of Organic Chemistry</i> , 2012, 77, 2069-2073.	3.2	20
25	Synthesis of N-Protected Cyano Aziridines. <i>Synlett</i> , 2004, 2004, 1083-1085.	1.8	19
26	Cs ₂ CO ₃ or CaO as promoters of ethyl N-[(4-methylphenyl)sulphonyloxy]carbamate in amination reactions. <i>Tetrahedron</i> , 1994, 50, 11235-11238.	1.9	18
27	A novel approach to chiral spirodiaziridines. <i>Tetrahedron Letters</i> , 1998, 39, 6391-6392.	1.4	18
28	A facile aziridination of allylic and homoallylic cyclic acetals. <i>Tetrahedron Letters</i> , 1993, 34, 4353-4354.	1.4	17
29	Aziridination of conjugated nitroalkenes. <i>Tetrahedron Letters</i> , 1997, 38, 3309-3310.	1.4	17
30	A novel deacylation during the amination of trifluoromethyl β -dicarbonyl compounds. <i>Tetrahedron Letters</i> , 2007, 48, 7821-7824.	1.4	17
31	One-pot synthesis of chiral multifunctionalized aziridines. <i>Tetrahedron</i> , 2009, 65, 484-488.	1.9	17
32	An Unexpected Highly Stereoselective Bisaziridination of (<i>E</i>)-1,4-Dialkyl-2,3-dinitrobutadienes Followed by a Nitro Group Driven Ring Enlargement. <i>Journal of Organic Chemistry</i> , 2009, 74, 9314-9318.	3.2	17
33	Stereoselective azide cycloaddition to chiral cyclopentanone enamines. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2261-2266.	1.8	16
34	Synthesis of a new optically active carbamoyl azide and its use as an aminating agent. <i>Tetrahedron</i> , 2001, 57, 4623-4627.	1.9	16
35	Unexpected and Expeditious Entry into Trifluoromethyl Aziridines from Substituted β -Dicarbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2005, 70, 9648-9650.	3.2	16
36	Parallel Solution-Phase Synthesis of Acrylonitrile Scaffolds Carrying β -Amino Acidic or Glycosyl Residues. <i>ACS Combinatorial Science</i> , 2006, 8, 808-811.	3.3	16

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37	Solution-phase synthesis of 2-cyano and 2-amido aziridinyl peptides. <i>Tetrahedron</i> , 2008, 64, 3204-3211.	1.9	16
38	Ethyl Nitroacetate in Aza-Henry Addition on Trifluoromethyl Aldimines: A Solvent-Free Procedure To Obtain Chiral Trifluoromethyl β , γ -Diamino Esters. <i>Journal of Organic Chemistry</i> , 2016, 81, 2864-2874.	3.2	16
39	Ethyl Nosyloxycarbamate: A Chameleonic Aminating Agent. <i>Current Organic Chemistry</i> , 2011, 15, 1465-1481.	1.6	15
40	Trifluoromethyl-modified dipeptides by ZrCl ₄ -promoted aza-Henry reactions. <i>Amino Acids</i> , 2014, 46, 1961-1970.	2.7	15
41	Stereoselective ZrCl ₄ -Catalyzed Mannich-type Reaction of β -Keto Esters with Chiral Trifluoromethyl Aldimines. <i>Journal of Organic Chemistry</i> , 2015, 80, 8300-8306.	3.2	14
42	Asymmetric synthesis of N-(ethoxycarbonyl)- β -methylphenylalanine esters. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 473-478.	1.8	13
43	Stereoselectivity in the amination of chiral cyclohex-3-en-1-one ketals. <i>Tetrahedron</i> , 1997, 53, 4779-4786.	1.9	13
44	A Facile Synthesis of N-Alkoxycarbonyl Aziridines from Olefins Bearing Two Geminal Electron-Withdrawing Groups. <i>Synthesis</i> , 2001, 2001, 1975-1978.	2.3	13
45	Solution-Phase Parallel Synthesis of Dissymmetric Disubstituted Malonamides Carrying Amino Ester Residues. <i>Synlett</i> , 2007, 2007, 2759-2761.	1.8	11
46	Solving the Puzzling Absolute Configuration Determination of a Flexible Molecule by Vibrational and Electronic Circular Dichroism Spectroscopies and DFT Calculations: The Case Study of a Chiral 2,2-Dinitro-2,2-biaziridine. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6193-6199.	2.4	11
47	Selective Amination Reactions of β -Nitro Aryl and Heteroaryl Enoates. <i>Journal of Organic Chemistry</i> , 2013, 78, 8203-8207.	3.2	11
48	In Pursuit of β -Amino- γ -Nitro- β -(trifluoromethyl) Ketones: Nitro-Mannich versus Mannich-Type Reactions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3373-3380.	2.4	11
49	Chiral trans-carboxylic trifluoromethyl 2-imidazolines by a Ag ₂ O-catalyzed Mannich-type reaction. <i>Tetrahedron</i> , 2018, 74, 572-577.	1.9	11
50	Amination of Optically Active Azaallylic Anions. <i>Journal of Chemical Research Synopses</i> , 1998, , 338-339.	0.3	10
51	Amination of CF ₃ -Enones with Nosyloxycarbamates. <i>Journal of Organic Chemistry</i> , 2006, 71, 6295-6297.	3.2	10
52	Trifluoromethyl syn- or anti- β -amino alcohols by one-pot solvent-free Mannich-type reactions under temperature control. <i>RSC Advances</i> , 2015, 5, 29312-29318.	3.6	10
53	Optically Pure 3,6-Dioxazocan-2-one Derivatives by Intramolecular Cycloaddition of Azidoformates and their Opening to Substituted β -Amino Ketones. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2709-2711.	2.4	9
54	Short malonyl dehydro peptides as potential scaffolds for peptidomimetics by an efficient Knoevenagel reaction. <i>Amino Acids</i> , 2010, 39, 461-470.	2.7	9

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55	O-Arylsulfonyl hydroxylamines via a decarboxylative rearrangement. <i>Tetrahedron</i> , 2009, 65, 5747-5751.	1.9	8
56	Synthesis of gem-diamino acid derivatives by a Hofmann rearrangement. <i>Amino Acids</i> , 2013, 44, 977-982.	2.7	8
57	New Synthesis of Trifluoromethyl Aldimines Containing β -Amino Ester Moieties and Their Use in Mannich-type Reactions. <i>Chirality</i> , 2015, 27, 571-575.	2.6	8
58	Aza-Henry Reactions on C-Alkyl Substituted Aldimines. <i>Molecules</i> , 2016, 21, 723.	3.8	8
59	Desymmetrization of β -diimines: synthesis of new 3-(diaziridin-3-yl)oxaziridines. <i>Tetrahedron Letters</i> , 2013, 54, 4574-4576.	1.4	6
60	Aziridination of 2-(Phenylsulfinyl)-2-cycloalkenones with Arylsulfonyloxycarbamates. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 4071-4074.	2.4	5
61	Synthesis of epoxy and aziridino malonyl peptidomimetics. <i>Tetrahedron</i> , 2010, 66, 9401-9404.	1.9	5
62	Solvent-Free Stereoselective Synthesis of (E)-Trifluoromethyl Imines and Hydrazones. <i>Synthesis</i> , 2010, 2010, 4096-4100.	2.3	5
63	Water-controlled chiral inversion of a nitrogen atom during the synthesis of diaziridines from β -branched N,N' -dialkyl β -diimines. <i>New Journal of Chemistry</i> , 2013, 37, 4125.	2.8	5
64	Selective Synthesis of Trifluoromethyl β -lactams by a Zn-Promoted α -Bromo Ester Addition on β -Substituted Aldimines. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3743-3749.	2.4	5
65	Functionalised enones as starting materials for the construction of aziridine scaffolds. <i>Molecular Diversity</i> , 2000, 6, 177-180.	3.9	4
66	Can functionalized N-acyloxy aziridines be easily deprotected?. <i>Comptes Rendus Chimie</i> , 2005, 8, 845-847.	0.5	4
67	Chiral bidiaziridines by a two-step domino aziridination of meso- β -diimines. <i>Tetrahedron</i> , 2013, 69, 9507-9511.	1.9	3
68	Stereoselective synthesis of short benzyl malonyl peptides. <i>RSC Advances</i> , 2013, 3, 13470.	3.6	2
69	β,β -Dialkyl β -amino β -trifluoromethyl alcohols from trifluoromethyl (E)-aldimines by a one-pot solvent-free Mannich-type reaction and subsequent reduction. <i>RSC Advances</i> , 2016, 6, 101862-101868.	3.6	2
70	The Effects of Trifluoromethylated Derivatives on Prostaglandin E_2 and Thromboxane A_2 Production in Human Leukemic U937 Macrophages. <i>Medicinal Chemistry</i> , 2020, 16, 63-68.	1.5	2
71	Reagent-Controlled Diastereoselective Aminations with a New Chiral Nosyloxycarbamate.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
72	Functionalized Enones as Starting Materials for the Construction of Aziridine Scaffolds.. <i>ChemInform</i> , 2004, 35, no.	0.0	0

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73	Aziridines versus Vinyl Carbamates from the Direct Amination of Electron-Withdrawing Group-Substituted Trifluoromethyl Enoates.. ChemInform, 2005, 36, no.	0.0	0
74	Efficient Synthesis of 4-Cyano 2,3-Dihydrooxazoles by Direct Amination of 2-Alkylidene 3-Oxo Nitriles. Synlett, 2005, 2005, 2673-2675.	1.8	0