Santos Fustero

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

214 papers	8,938 citations	39 h-index	88 g-index
299 ext. papers	10,148 ext. citations	5.7 avg, IF	6.11 L-index

#	Paper	IF	Citations
214	ASYMMETRIC CARBON–HALOGEN BOND FORMING REACTIONS (EXCLUDING C–H ACTIVATION PROCESSES) **2022**, 491-529		
213	Recent Advances on the Halo- and Cyano-Trifluoromethylation of Alkenes and Alkynes. *Molecules*, **2021**, 26,	4.8	1
212	Asymmetric Methods for Carbon-Fluorine Bond Formation. *European Journal of Organic Chemistry*, **2021**, 2021, 5946	3.2	3
211	Chemical Aspects of Human and Environmental Overload with Fluorine. *Chemical Reviews*, **2021**, 121, 4678-4742	68.1	49
210	Pentafluoroethylation of Carbonyl Compounds by HFC-125 the Encapsulation of the K Cation with Glymes. *Journal of Organic Chemistry*, **2021**, 86, 5883-5893	4.2	3
209	Diastereoselectivity of the Addition of Propargylic Magnesium Reagents to Fluorinated Aromatic Sulfinyl Imines. *Organic Letters*, **2021**, 23, 3691-3695	6.2	1
208	The Self-Disproportionation of Enantiomers (SDE): Fluorine as an SDE-Phoric Substituent **2021**, 281-306		
207	Selective Transformation of Norbornadiene into Functionalized Azaheterocycles and β-Amino Esters with Stereo- and Regiocontrol. *Chemistry - an Asian Journal*, **2021**, 16, 3873-3881	4.5	1
206	Tailor-Made Amino Acids and Fluorinated Motifs as Prominent Traits in Modern Pharmaceuticals. *Chemistry - A European Journal*, **2020**, 26, 11349-11390	4.8	50
205	Diastereoselective Synthesis of Enantioenriched Trifluoromethylated Ethylenediamines and Isoindolines Containing Two Stereogenic Carbon Centers by Nucleophilic Trifluoromethylation Using HFC-23. *Journal of Organic Chemistry*, **2020**, 85, 7976-7985	4.2	10
204	The Ruthenium-Catalyzed Domino Cross Enyne Metathesis/Ring-Closing Metathesis in the Synthesis of Enantioenriched Nitrogen-Containing Heterocycles. *European Journal of Organic Chemistry*, **2020**, 2020, 4193-4207	3.2	4
203	Nucleic acid recognition and antiviral activity of 1,4-substituted terphenyl compounds mimicking all faces of the HIV-1 Rev protein positively-charged α-helix. *Scientific Reports*, **2020**, 10, 7190	4.9	2
202	Fluorine-containing drugs approved by the FDA in 2019. *Chinese Chemical Letters*, **2020**, 31, 2401-2413	8.1	75
201	Asymmetric Synthesis of Fluorinated Monoterpenic Alkaloid Derivatives from Chiral Fluoroalkyl Aldimines via the Pauson-Khand Reaction. *Advanced Synthesis and Catalysis*, **2020**, 362, 1378-1384	5.6	6
200	Pauson-Khand reaction of fluorinated compounds. *Beilstein Journal of Organic Chemistry*, **2020**, 16, 1662–1682	2.5	7
199	The Fluoro-Pauson-Khand Reaction in the Synthesis of Enantioenriched Nitrogenated Bicycles Bearing a Quaternary C-F Stereogenic Center. *Organic Letters*, **2019**, 21, 7294-7297	6.2	5
198	Chemistry of detrifluoroacetylatively in situ generated fluoro-enolates. *Organic and Biomolecular Chemistry*, **2019**, 17, 762-775	3.9	20

197	Asymmetric Vinylogous Mukaiyama-Mannich Reactions of Heterocyclic Siloxy Dienes with Ellman's Fluorinated Aldimines. *Advanced Synthesis and Catalysis*, **2019**, 361, 3860-3867	5.6	4
196	Fluorine-Containing Drugs Approved by the FDA in 2018. *Chemistry - A European Journal*, **2019**, 25, 11797-11819	4.8	213
195	Copper-Catalyzed Regioselective Synthesis of ()-Fluorovinyl Sulfones. *Molecules*, **2019**, 24,	4.8	2
194	Vinyl Fluorides: Competent Olefinic Counterparts in the Intramolecular Pauson-Khand Reaction. *Organic Letters*, **2019**, 21, 2569-2573	6.2	7
193	Synthesis of polyfluoroalkyl sp-iminosugar glycolipids and evaluation of their immunomodulatory properties towards anti-tumor, anti-leishmanial and anti-inflammatory therapies. *European Journal of Medicinal Chemistry*, **2019**, 182, 111604	6.8	10
192	Tandem Organocatalytic Cycloaromatization/Intramolecular Friedel-Crafts Alkylation Sequence for the Synthesis of Indolizinones and Pyrrolo-azepinone Derivatives. *Journal of Organic Chemistry*, **2019**, 84, 10785-10795	4.2	5
191	Asymmetric synthesis of polycyclic 3-fluoroalkylproline derivatives by intramolecular azomethine ylide cycloaddition. *Organic Chemistry Frontiers*, **2019**, 6, 2916-2923	5.2	3
190	Biorelevant fluorine-containing N-heterocycles **2019**, 575-606		3
189	Metal-Free and User-Friendly Regioselective Hydroxyfluorination of Olefins. *Organic Letters*, **2018**, 20, 2338-2341	6.2	14
188	Fluorine-Containing Functionalized Cyclopentene Scaffolds Through Ring Contraction and Deoxofluorination of Various Substituted Cyclohexenes. *European Journal of Organic Chemistry*, **2018**, 2018, 3735-3742	3.2	4
187	A metal-free and regioselective approach to (Z)-Fluorovinyl sulfones and their chemoselective hydrogenation to Fluoroalkyl sulfones. *Journal of Fluorine Chemistry*, **2018**, 206, 108-116	2.1	6
186	Recent advances in the synthesis of functionalised monofluorinated compounds. *Chemical Communications*, **2018**, 54, 9706-9725	5.8	46
185	Asymmetric Vinylogous Mannich-Type Addition of Dicyanoalkenes to Fluoroalkyl Sulfinyl Imines. *Advanced Synthesis and Catalysis*, **2018**, 360, 366-373	5.6	10
184	Recent progress in the application of fluorinated chiral sulfinimine reagents. *Journal of Fluorine Chemistry*, **2018**, 216, 57-70	2.1	15
183	Ring-opening metathesis of some strained bicyclic systems; stereocontrolled access to diolefinated saturated heterocycles with multiple stereogenic centers. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 2698-2707	2.5	5
182	Synthesis of fluorinated amino acid derivatives through late-stage deoxyfluorinations. *Tetrahedron*, **2018**, 74, 6367-6418	2.4	17
181	Dual Role of Vinyl Sulfonamides as N-Nucleophiles and Michael Acceptors in the Enantioselective Synthesis of Bicyclic Sultams. *Advanced Synthesis and Catalysis*, **2018**, 360, 2885-2893	5.6	14
180	Sildenafil reduces neuroinflammation in cerebellum, restores GABAergic tone, and improves motor in-coordination in rats with hepatic encephalopathy. *CNS Neuroscience and Therapeutics*, **2017**, 23, 386-394	6.8	31

179	Fluorinated Chaperone-Cyclodextrin Formulations for Glucocerebrosidase Activity Enhancement in Neuronopathic Gaucher Disease. *Journal of Medicinal Chemistry*, **2017**, 60, 1829-1842	8.3	23
178	Olefin-Bond Chemodifferentiation through Cross-Metathesis Reactions: A Stereocontrolled Approach to Functionalized 2,3-Amino Acid Derivatives. *European Journal of Organic Chemistry*, **2017**, 2017, 1894-1901	3.2	13
177	Intramolecular Nitrone Cycloaddition of (Trifluoromethyl)styrenes. Role of the CF Group in the Regioselectivity. *Journal of Organic Chemistry*, **2017**, 82, 2505-2514	4.2	18
176	Regio-specific synthesis of new 1-(tert-butyl)-1H-pyrazolecarboxamide derivatives. *Tetrahedron Letters*, **2017**, 58, 2441-2444	2	2
175	An Insight into Substrate-Dependent Fluorination of some Highly Substituted Alicyclic Scaffolds. *ChemistrySelect*, **2017**, 2, 3049-3052	1.8	3
174	Organocatalytic Enantioselective Synthesis of Trifluoromethyl-Containing Tetralin Derivatives by Sequential (Hetero)Michael Reaction Intramolecular Nitrone Cycloaddition. *Advanced Synthesis and Catalysis*, **2017**, 359, 3752-3764	5.6	10
173	Homoallylic o-halobenzylamines: asymmetric diversity-oriented synthesis of benzo-fused cyclic amines. *Structural Chemistry*, **2017**, 28, 445-452	1.8	6
172	Fluorination of some highly functionalized cycloalkanes: chemoselectivity and substrate dependence. *Beilstein Journal of Organic Chemistry*, **2017**, 13, 2364-2371	2.5	6
171	Chemoselective, Substrate-directed Fluorination of Functionalized Cyclopentane Amino Acids. *Chemistry - an Asian Journal*, **2016**, 11, 3376-3381	4.5	10
170	Asymmetric Allylation/RCM-Mediated Synthesis of Fluorinated Benzo-Fused Bicyclic Homoallylic Amines As Dihydronaphthalene Derivatives. *Journal of Organic Chemistry*, **2016**, 81, 8876-8887	4.2	10
169	8-Iodonaphthalene-1-carbaldehyde: A Versatile Building Block for Diversity-Oriented Synthesis. *Organic Letters*, **2016**, 18, 4722-5	6.2	13
168	Recent Developments in the Chiral Brønsted Acid-catalyzed Allylboration Reaction with Polyfunctionalized Substrates. *Chemical Record*, **2016**, 16, 2046-60	6.6	16
167	Substrate-dependent fluorinations of highly functionalized cycloalkanes. *Tetrahedron*, **2016**, 72, 781-787	2.4	10
166	Asymmetric Synthesis of Monofluorinated 1-Amino-1,2-dihydronaphthalene and 1,3-Amino Alcohol Derivatives. *Organic Letters*, **2016**, 18, 948-51	6.2	23
165	Chiral Brønsted Acid-Catalyzed Asymmetric Allyl(propargyl)boration Reaction of ortho-Alkynyl Benzaldehydes: Synthetic Applications and Factors Governing the Enantioselectivity. *ACS Catalysis*, **2016**, 6, 2506-2514	13.1	39
164	Synthesis of 3-substituted isoindolin-1-ones via a tandem desilylation, cross-coupling, hydroamidation sequence under aqueous phase-transfer conditions. *Organic and Biomolecular Chemistry*, **2016**, 14, 85-92	3.9	30
163	A Stereocontrolled Protocol to Highly Functionalized Fluorinated Scaffolds through a Fluoride Opening of Oxiranes. *Molecules*, **2016**, 21,	4.8	9
162	Enantioselective Palladium-Catalyzed Oxidative Fluoroarylation of Unsaturated Carbonyl Derivatives. *Angewandte Chemie*, **2016**, 128, 9191-9195	3.6	15

161	Addition of Nucleophiles to Fluorinated Michael Acceptors. *European Journal of Organic Chemistry*, **2016**, 2016, 1751-1759	3.2	6
160	Gold-Catalyzed Povarov-Type Reaction of Fluorinated Imino Esters and Furans. *Journal of Organic Chemistry*, **2016**, 81, 6515-24	4.2	12
159	Enantioselective Palladium-Catalyzed Oxidative β-Fluoroarylation of α,β-Unsaturated Carbonyl Derivatives. *Angewandte Chemie - International Edition*, **2016**, 55, 9045-9	16.4	47
158	Diastereodivergent Synthesis of Fluorinated Cyclic (β)-Amino Acid Derivatives. *Organic Letters*, **2015**, 17, 5412-5	6.2	16
157	α-Silylboronates in the chiral Brønsted acid-catalysed allylboration of aldehydes. *Chemical Communications*, **2015**, 51, 5246-9	5.8	33
156	Olefin metathesis reactions with fluorinated substrates, catalysts, and solvents. *Chemical Reviews*, **2015**, 115, 871-930	68.1	131
155	Sildenafil reduces neuroinflammation and restores spatial learning in rats with hepatic encephalopathy: underlying mechanisms. *Journal of Neuroinflammation*, **2015**, 12, 195	10.1	51
154	Asymmetric Synthesis of Fluorinated Isoindolinones through Palladium-Catalyzed Carbonylative Amination of Enantioenriched Benzylic Carbamates. *Chemistry - A European Journal*, **2015**, 21, 11579-84	4.8	27
153	A Versatile Approach to CF3 -Containing 2-Pyrrolidones by Tandem Michael Addition-Cyclization: Exemplification in the Synthesis of Amidine Class BACE1 Inhibitors. *Chemistry - A European Journal*, **2015**, 21, 11719-26	4.8	14
152	Tandem cross enyne metathesis (CEYM)-intramolecular Diels-Alder reaction (IMDAR). An easy entry to linear bicyclic scaffolds. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1486-93	2.5	6
151	Gold-catalyzed tandem hydroamination/formal aza-Diels-Alder reaction of homopropargyl amino esters: a combined computational and experimental mechanistic study. *Chemistry - A European Journal*, **2015**, 21, 5459-66	4.8	12
150	Differential reactivity of fluorinated homopropargylic amino esters vs gold(I) salts. The role of the nitrogen protecting group. *Journal of Fluorine Chemistry*, **2015**, 171, 60-66	2.1	8
149	A novel and selective fluoride opening of aziridines by XtalFluor-E. synthesis of fluorinated diamino acid derivatives. *Organic Letters*, **2015**, 17, 1074-7	6.2	38
148	Asymmetric intramolecular aza-Michael reaction in desymmetrization processes. Total synthesis of hippodamine and epi-hippodamine. *Organic Letters*, **2015**, 17, 960-3	6.2	24
147	Asymmetric allylation/Pauson-Khand reaction: a simple entry to polycyclic amines. Application to the synthesis of aminosteroid analogues. *Organic Letters*, **2014**, 16, 1224-7	6.2	30
146	Diastereoselective synthesis of 2-phenyl-3-(trifluoromethyl)piperazines as building blocks for drug discovery. *Journal of Organic Chemistry*, **2014**, 79, 5887-94	4.2	17
145	A Selective Synthesis of Fluorinated Cispentacin Derivatives. *European Journal of Organic Chemistry*, **2014**, 2014, 4070-4076	3.2	17
144	Fluorine in pharmaceutical industry: fluorine-containing drugs introduced to the market in the last decade (2001-2011). *Chemical Reviews*, **2014**, 114, 2432-506	68.1	2974

143	Microwave-assisted tandem organocatalytic peptide-coupling intramolecular aza-Michael reaction: unsaturated N-acyl pyrazoles as Michael acceptors. *Chemistry - A European Journal*, **2014**, 20, 15697-701	4.8	15
142	Tandem gold self-relay catalysis for the synthesis of 2,3-dihydropyridin-4(1 H)-ones: combination of and Lewis acid properties of gold salts. *Chemistry - A European Journal*, **2014**, 20, 14126-31	4.8	18
141	Fluorinated Pyrazoles and Indazoles **2014**, 279-321		7
140	Synthesis of Fluorinated and Nonfluorinated Tebufenpyrad Analogues for the Study of Anti-angiogenesis MOA. *Organic Process Research and Development*, **2014**, 18, 1027-1036	3.9	14
139	Biochemical quantitation of the eIF5A hypusination in Arabidopsis thaliana uncovers ABA-dependent regulation. *Frontiers in Plant Science*, **2014**, 5, 202	6.2	8
138	Unique reactivity of fluorinated molecules with transition metals. *Chimia*, **2014**, 68, 382-409	1.3	13
137	An Approach to 2,4-Substituted Pyrazolo[1,5-a]pyridines and Pyrazolo[1,5-a]azepines by Ring-Closing Metathesis. *European Journal of Organic Chemistry*, **2013**, 2013, 7164-7174	3.2	10
136	Base-dependent stereodivergent intramolecular aza-Michael reaction: asymmetric synthesis of 1,3-disubstituted isoindolines. *Chemistry - A European Journal*, **2013**, 19, 11776-85	4.8	44
135	Gold catalyzed stereoselective tandem hydroamination-formal aza-Diels-Alder reaction of propargylic amino esters. *Chemical Communications*, **2013**, 49, 1336-8	5.8	30
134	Asymmetric Tandem Reactions: New Strategies and Applications. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2013**, 188, 331-339	1	
133	Relay Catalysis: Enantioselective Synthesis of Cyclic Benzo-Fused Homoallylic Alcohols by Chiral Br sted Acid-Catalyzed Allylboration/Ring Closing Metathesis. *Advanced Synthesis and Catalysis*, **2013**, 355, 1058-1064	5.6	38
132	Synthesis and application of substituted Pauson-Khand adducts: trifluoromethyl as a removable steering group. *Angewandte Chemie - International Edition*, **2013**, 52, 5355-9	16.4	21
131	Gold-catalyzed intramolecular hydroamination of o-alkynylbenzyl carbamates: a route to chiral fluorinated isoindoline and isoquinoline derivatives. *Organic Letters*, **2013**, 15, 832-5	6.2	69
130	Asymmetric allylation/ring closing metathesis: one-pot synthesis of benzo-fused cyclic homoallylic amines. Application to the formal synthesis of Sertraline derivatives. *Organic Letters*, **2013**, 15, 3770-3	6.2	21
129	Structure-based design of an RNA-binding p-terphenylene scaffold that inhibits HIV-1 Rev protein function. *Angewandte Chemie - International Edition*, **2013**, 52, 13405-9	16.4	21
128	Synthesis and Application of Substituted Pauson Khand Adducts: Trifluoromethyl as a Removable Steering Group. *Angewandte Chemie*, **2013**, 125, 5463-5467	3.6	8
127	One-pot cross-enyne metathesis (CEYM)-Diels-Alder reaction of gem-difluoropropargylic alkynes. *Beilstein Journal of Organic Chemistry*, **2013**, 9, 2688-95	2.5	7
126	Efficient regio- and stereoselective access to novel fluorinated aminocyclohexanecarboxylates. *Beilstein Journal of Organic Chemistry*, **2013**, 9, 1164-9	2.5	12

125	Efficacy and activity prediction by molecular topology of new drugs against the Tetranychus urticae plague. *Combinatorial Chemistry and High Throughput Screening*, **2013**, 16, 473-83	1.3	1
124	A practical entry to β-aryl-β-alkyl amino alcohols: application to the synthesis of a potent BACE1 inhibitor. *Organic and Biomolecular Chemistry*, **2012**, 10, 6758-66	3.9	10
123	Stereoselective access to fluorinated and non-fluorinated quaternary piperidines: synthesis of pipecolic acid and iminosugar derivatives. *Chemistry - A European Journal*, **2012**, 18, 3753-64	4.8	25
122	1,7-octadiene-assisted tandem multicomponent cross-enyne metathesis (CEYM)-Diels-Alder reactions: a useful alternative to Mori's conditions. *Chemistry - A European Journal*, **2012**, 18, 10991-7	4.8	24
121	Synthetic and biological applications of fluorous reagents as phase tags. *Topics in Current Chemistry* , **2012**, 308, 45-67		6
120	A New Tandem Cross Metathesis-Intramolecular Aza-Michael Reaction for the Synthesis of β,β-Difluorinated Lactams. *Synthesis*, **2012**, 44, 1863-1873	2.9	24
119	Intramolecular Michael reaction of tert-butylsulfinyl ketimines: asymmetric synthesis of 3-substituted indanones. *Organic Letters*, **2011**, 13, 6564-7	6.2	32
118	Organocatalytic enantioselective synthesis of quinolizidine alkaloids (+)-myrtine, (−)-lupinine, and (+)-epiepiquinamide. *Tetrahedron*, **2011**, 67, 7412-7417	2.4	31
117	From 2000 to mid-2010: a fruitful decade for the synthesis of pyrazoles. *Chemical Reviews*, **2011**, 111, 6984-7034	68.1	758
116	Asymmetric synthesis of quaternary α-amino acid derivatives and their fluorinated analogues. *Amino Acids*, **2011**, 41, 559-73	3.5	14
115	Selective Synthesis of New Fluorinated Alicyclic β-Amino Ester Stereoisomers. *European Journal of Organic Chemistry*, **2011**, 2011, 4993-5001	3.2	30
114	Synthesis of Fluorinated and Non-Fluorinated Bicyclic Amidines through Ring-Closing Metathesis. *European Journal of Organic Chemistry*, **2011**, 2011, 7317-7323	3.2	5
113	New cathepsin inhibitors to explore the fluorophilic properties of the S2 pocket of cathepsin B: design, synthesis, and biological evaluation. *Chemistry - A European Journal*, **2011**, 17, 5256-60	4.8	13
112	Chiral monofluorobenzyl carbanions: synthesis of enantiopure β-Fluorinated β-phenylethylamines. *Chemistry - A European Journal*, **2011**, 17, 6142-7	4.8	22
111	Microwave-assisted organocatalytic enantioselective intramolecular aza-Michael reaction with α,β-unsaturated ketones. *Chemistry - A European Journal*, **2011**, 17, 14267-72	4.8	46
110	Design, synthesis, and biological evaluation of novel fluorinated ethanolamines. *Chemistry - A European Journal*, **2011**, 17, 14772-84	4.8	13
109	Regio- and diastereoselective fluorination of alicyclic β-amino acids. *Organic and Biomolecular Chemistry*, **2011**, 9, 6528-34	3.9	30
108	Synthesis of Fluorinated β-Amino Acids. *Synthesis*, **2011**, 2011, 3045-3079	2.9	35

107	Asymmetric tandem reactions: New synthetic strategies. *Pure and Applied Chemistry*, **2010**, 82, 669-677	2.1	31
106	A Mild, Efficient Synthesis of gem-Difluorodihydrouracils. *Synthesis*, **2010**, 2010, 651-660	2.9	1
105	Diastereoselective intramolecular additions of allyl- and propargylsilanes to iminium ions: synthesis of cyclic and bicyclic quaternary amino acids. *Organic Letters*, **2010**, 12, 3014-7	6.2	22
104	Regioselectivity in intermolecular Pauson-Khand reactions of dissymmetric fluorinated alkynes. *Organic Letters*, **2010**, 12, 5620-3	6.2	19
103	Tandem asymmetric Michael reaction-intramolecular Michael addition. An easy entry to chiral fluorinated 1,4-dihydropyridines. *Organic Letters*, **2010**, 12, 3484-7	6.2	44
102	Recent Developments in the Synthesis of Fluorinated β-Amino Acids. *Current Organic Chemistry*, **2010**, 14, 928-949	1.7	69
101	Tandem nucleophilic addition-intramolecular aza-Michael reaction: facile synthesis of chiral fluorinated isoindolines. *Organic Letters*, **2010**, 12, 5494-7	6.2	70
100	N-sulfinyl amines as a nitrogen source in the asymmetric intramolecular aza-Michael reaction: total synthesis of (-)-pinidinol. *Chemistry - A European Journal*, **2010**, 16, 9835-45	4.8	68
99	Nitrogen-Containing Organofluorine Derivatives: An Overview. *Synlett*, **2009**, 2009, 525-549	2.2	61
98	Organocatalytic anti-Selective Mannich Reactions with Fluorinated Aldimines: Synthesis of anti-Fluoroalkyl-amino Alcohols. *European Journal of Organic Chemistry*, **2009**, 2009, 5208-5214	3.2	24
97	A new strategy for the synthesis of fluorinated 3,4-dihydropyrimidinones. *Journal of Fluorine Chemistry*, **2009**, 130, 1145-1150	2.1	5
96	Synthesis and enzymatic evaluation of novel partially fluorinated thiol dual ACE/NEP inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 4715-9	2.9	6
95	Recent Advances in the Synthesis of Pyrazoles. A Review. *Organic Preparations and Procedures International*, **2009**, 41, 253-290	1.1	167
94	Fluorous TBAF: a convenient and selective reagent for fluoride-mediated deprotections. *Journal of Organic Chemistry*, **2009**, 74, 6398-401	4.2	8
93	AuX3-mediated selective head-to-head dimerization of difluoropropargyl amides. *Journal of Organic Chemistry*, **2009**, 74, 7690-6	4.2	17
92	Cross-metathesis reactions as an efficient tool in the synthesis of fluorinated cyclic beta-amino acids. *Journal of Organic Chemistry*, **2009**, 74, 3414-23	4.2	34
91	Straightforward stereoselective access to cyclic peptidomimetics. *Journal of Organic Chemistry*, **2009**, 74, 4429-32	4.2	35
90	New Fluorinated Pyrazol and Uracil Derivatives: Synthesis and Biological Activity. *ACS Symposium Series*, **2009**, 182-209	0.4	7

89	Solution versus fluorous versus solid-phase synthesis of 2,5-disubstituted 1,3-azoles. Preliminary antibacterial activity studies. *Journal of Organic Chemistry*, **2009**, 74, 8988-96	4.2	57
88	New fluorinated peptidomimetics through tandem aza-michael addition to alpha-trifluoromethyl acrylamide acceptors: synthesis and conformational study in solid state and solution. *Journal of Organic Chemistry*, **2009**, 74, 3122-32	4.2	18
87	Asymmetric synthesis of indolines through intramolecular shifting of aromatic sulfinyl groups. Role of the pi,pi-stacking interactions in these unusual S(N)Ar processes. *Journal of the American Chemical Society*, **2009**, 131, 9432-41	16.4	35
86	A new strategy for the synthesis of optically pure beta-fluoroalkyl beta-amino acid derivatives. *Organic Letters*, **2009**, 11, 641-4	6.2	33
85	Synthesis of new fluorinated Tebufenpyrad analogs with acaricidal activity through regioselective pyrazole formation. *Journal of Organic Chemistry*, **2008**, 73, 8545-52	4.2	105
84	An efficient entry to optically active anti- and syn-beta-amino-alpha-trifluoromethyl alcohols. *Organic Letters*, **2008**, 10, 605-8	6.2	26
83	Concise preparation of 2,2-difluorohomopropargyl carbonyl derivatives. Application to the synthesis of 4,4-difluoroisoquinolinone congeners. *Journal of Organic Chemistry*, **2008**, 73, 2656-61	4.2	38
82	Solution and fluorous phase synthesis of □,□-difluorinated 1-amino-1-cyclopentane carboxylic acid derivatives. *Journal of Fluorine Chemistry*, **2008**, 129, 943-950	2.1	12
81	Solution-, solid-phase, and fluorous synthesis of beta,beta-difluorinated cyclic quaternary alpha-amino acid derivatives: a comparative study. *Chemistry - A European Journal*, **2008**, 14, 7019-29	4.8	28
80	Organocatalytic approach to benzofused nitrogen-containing heterocycles: enantioselective total synthesis of (+)-angustureine. *Chemistry - A European Journal*, **2008**, 14, 9868-72	4.8	111
79	Anionic-anionic asymmetric tandem reactions: one-pot synthesis of optically pure fluorinated indolines from 2-p-tolylsulfinyl alkylbenzenes. *Angewandte Chemie - International Edition*, **2008**, 47, 7941-4	16.4	47
78	Anionic□Anionic Asymmetric Tandem Reactions: One-Pot Synthesis of Optically Pure Fluorinated Indolines from 2-p-Tolylsulfinyl Alkylbenzenes. *Angewandte Chemie*, **2008**, 120, 8059-8062	3.6	7
77	An efficient synthesis of uracil derivatives from 2-alkyl-□-oxazolines and nitriles. *Journal of Fluorine Chemistry*, **2008**, 129, 836-847	2.1	2
76	Improved regioselectivity in pyrazole formation through the use of fluorinated alcohols as solvents: synthesis and biological activity of fluorinated tebufenpyrad analogs. *Journal of Organic Chemistry*, **2008**, 73, 3523-9	4.2	154
75	Selective formal transesterification of fluorinated 2-(trimethylsilyl)ethyl alpha-imino esters mediated by TBAF. *Journal of Organic Chemistry*, **2008**, 73, 5617-20	4.2	5
74	Tiratricol neutralizes bacterial endotoxins and reduces lipopolysaccharide-induced TNF-alpha production in the cell. *Chemical Biology and Drug Design*, **2008**, 72, 320-8	2.9	3
73	Asymmetric synthesis of fluorinated amino macrolactones through ring-closing metathesis. *Journal of Organic Chemistry*, **2007**, 72, 8716-23	4.2	12
72	The role of fluorine in the stereoselective tandem aza-Michael addition to acrylamide acceptors: an experimental and theoretical mechanistic study. *Chemistry - A European Journal*, **2007**, 13, 8530-42	4.8	15

71	Enantioselective organocatalytic intramolecular aza-Michael reaction: a concise synthesis of (+)-sedamine, (+)-allosedamine, and (+)-coniine. *Organic Letters*, **2007**, 9, 5283-6	6.2	157
70	Synthesis of a new fluorinated oxazolidinone and its reactivity as a chiral auxiliary in Aldol reactions. *Journal of Fluorine Chemistry*, **2007**, 128, 647-653	2.1	9
69	Synthesis of fluorinated allylic amines: Reaction of 2-(trimethylsilyl)ethyl sulfones and sulfoxides with fluorinated imines. *Journal of Fluorine Chemistry*, **2007**, 128, 1248-1254	2.1	6
68	Nitrogen-Containing Organofluorine Compounds through Metathesis Reactions. *ACS Symposium Series*, **2007**, 54-68	0.4	1
67	Microwave-assisted tandem cross metathesis intramolecular Aza-Michael reaction: an easy entry to cyclic beta-amino carbonyl derivatives. *Journal of the American Chemical Society*, **2007**, 129, 6700-1	16.4	119
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