David O'Hagan

List of Publications by Year
in descending order

234 papers	15,791 citations	34076 52 h-index	18633 119 g-index
249 all docs	249 docs citations	249 times ranked	11736 citing authors

#	Article	IF	Citations
1	Oligomerization engineering of the fluorinase enzyme leads to an active trimer that supports synthesis of fluorometabolites inÂvitro. Microbial Biotechnology, 2022, 15, 1622-1632.	2.0	7
2	Janus faced fluorocyclohexanes for supramolecular assembly: synthesis and solid state structures of equatorial mono-, di- and tri alkylated cyclohexanes and with tri-axial Câ€“F bonds to impart polarity. Chemical Communications, 2022, 58, 7968-7971.	2.2	6
3	Selectively Fluorinated Citronellol Analogues Support a Hydrogen Bonding Donor Interaction with the Human OR1A1 Olfactory Receptor. Organic Letters, 2022, 24, 4415-4420.	2.4	0
4	Isolation of 5â€²-O-sulfamyladenosine and related 3â€²-O-Î²-glucosylated adenosines from the nucleocidin producer Streptomyces calvus. RSC Advances, 2021, 11, 5291-5294.	1.7	9
5	Supramolecular packing of alkyl substituted Janus face all-cis 2,3,4,5,6-pentafluorocyclohexyl motifs. Chemical Science, 2021, 12, 9712-9719.	3.7	10
6	The contribution of non-classical CH_{ax}â‹¯OC hydrogen bonds to the anomeric effect in fluoro and oxa-methoxycyclohexanes. Physical Chemistry Chemical Physics, 2021, 23, 5845-5851.	1.3	8
7	Synthesis, Radiosynthesis, and inâ€…vitro Studies on Novel Hypoxia PET Tracers Incorporating [18 F]FDR. European Journal of Organic Chemistry, 2021, 2021, 1429-1439.	1.2	1
8	Organo-fluorine chemistry V. Beilstein Journal of Organic Chemistry, 2021, 17, 737-738.	1.3	2
9	Effect of Fluoroalkyl-Substituent in Bistolane-Based Photoluminescent Liquid Crystals on Their Physical Behavior. Crystals, 2021, 11, 450.	1.0	4
10	Janus Allâ€Cis2,3,4,5,6â€Pentafluorocyclohexyl Building Blocks Applied to Medicinal Chemistry and Bioactives Discovery Chemistry. Chemistry - A European Journal, 2021, 27, 16000-16005.	1.7	11
11	Streptomyces aureorectus DSM 41692 and Streptomyces virens DSM 41465 are producers of the antibiotic nucleocidin and 4â€²-fluoroadenosine is identified as a co-product. Organic and Biomolecular Chemistry, 2021, 19, 10081-10084.	1.5	7
12	A role for fluorine in flavours, fragrances and pheromones. Journal of Fluorine Chemistry, 2020, 230, 109420.	0.9	28
13	Probing the helical integrity of multivicinal all-syn-fluoro alkanes. Organic and Biomolecular Chemistry, 2020, 18, 878-887.	1.5	4
14	Next generation organofluorine containing blockbuster drugs. Journal of Fluorine Chemistry, 2020, 239, 109639.	0.9	179
15	Janus Face Allâ€cis 1,2,4,5â€tetrakis(trifluoromethyl)â€•and Allâ€cis 1,2,3,4,5,6â€hexakis(trifluoromethyl)â€•Cyclohexanes. Angewandte Chemie - International Edition, 2020, 59, 19905-19909.	7.2	11
16	Janus Face Allâ€cis 1,2,4,5â€tetrakis(trifluoromethyl)â€•and Allâ€cis 1,2,3,4,5,6â€hexakis(trifluoromethyl)â€•Cyclohexanes. Angewandte Chemie, 2020, 132, 20077-20081.	1.6	5
17	A fluoride-responsive genetic circuit enables in vivo biofluorination in engineered Pseudomonas putida. Nature Communications, 2020, 11, 5045.	5.8	60
18	Frontispiece: Polar Organofluorine Substituents: Multivicinal Fluorines on Alkyl Chains and Alicyclic Rings. Chemistry - A European Journal, 2020, 26, .	1.7	0

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19	Fluorineâ€Induced Pseudo â€Anomeric Effects in Methoxycyclohexanes through Electrostatic 1,3â€Diaxial Interactions. Chemistry - A European Journal, 2020, 26, 11989-11994.	1.7	6
20	Polar Organofluorine Substituents: Multivicinal Fluorines on Alkyl Chains and Alicyclic Rings. Chemistry - A European Journal, 2020, 26, 7981-7997.	1.7	41
21	An Engineered E.â€...coli Strain for Direct in Vivo Fluorination. ChemBioChem, 2020, 21, 1856-1860.	1.3	20
22	Synthesis of organic liquid crystals containing selectively fluorinated cyclopropanes. Beilstein Journal of Organic Chemistry, 2020, 16, 674-680.	1.3	9
23	Fluorine containing cyclopropanes: synthesis of aryl substituted all-cis 1,2,3-trifluorocyclopropanes, a facially polar motif. Chemical Communications, 2019, 55, 10539-10542.	2.2	35
24	An enzymatic Finkelstein reaction: fluorinase catalyses direct halogen exchange. Organic and Biomolecular Chemistry, 2019, 17, 7493-7496.	1.5	14
25	Two 3â€²-O-Î²-glucosylated nucleoside fluorometabolites related to nucleocidin in Streptomyces calvus. Chemical Science, 2019, 10, 9501-9505.	3.7	28
26	Fluorine-containing substituents: metabolism of the Î±,Î±-difluoroethyl thioether motif. Beilstein Journal of Organic Chemistry, 2019, 15, 1441-1447.	1.3	10
27	Enzymatic radiosynthesis of a¹⁸F-Glu-Ureido-Lys ligand for the prostate-specific membrane antigen (PSMA). Organic and Biomolecular Chemistry, 2019, 17, 1480-1486.	1.5	12
28	Prof. Richard (Dick) D. Chambers, FRS. Journal of Fluorine Chemistry, 2019, 228, 109334.	0.9	0
29	Fluorine in pheromones: Synthesis of fluorinated 12-dodecanolides as emerald ash borer pheromone mimetics. Tetrahedron, 2019, 75, 2917-2922.	1.0	5
30	Unexpected Î±,Î±â€²-difluoroethers from Ag(i)F and N-bromosuccinimide reactions of dibenzo[a,e]cyclooctatetraene. Chemical Communications, 2019, 55, 14295-14298.	2.2	1
31	Acetyl Coenzymeâ€...A Analogues as Rationally Designed Inhibitors of Citrate Synthase. ChemBioChem, 2019, 20, 1174-1182.	1.3	4
32	Metabolism and hydrophilicity of the polarised â€˜Janus faceâ€™ all-cis tetrafluorocyclohexyl ring, a candidate motif for drug discovery. Chemical Science, 2018, 9, 3023-3028.	3.7	41
33	Molecular mechanism of activation of human musk receptors OR5AN1 and OR1A1 by (R) Tj ETQq1 1 0.784314 rgBT /Overlock Sciences of the United States of America, 2018, 115, E3950-E3958.	3.3	57
34	Synthesis of aryl Î±,Î±-difluoroethyl thioethers a novel structure motif in organic chemistry, and extending to aryl Î±,Î±-difluoro oxyethers. Organic and Biomolecular Chemistry, 2018, 16, 1113-1117.	1.5	23
35	Enzymatic Fluorination of Biotin and Tetrazine Conjugates for Pretargeting Approaches to Positron Emission Tomography Imaging. ChemBioChem, 2018, 19, 1969-1978.	1.3	12
36	Fluorinated cyclopropanes: synthesis and chemistry of the aryl Î±,Î²,Î²-trifluorocyclopropane motif. Chemical Communications, 2018, 54, 8415-8418.	2.2	22

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37	Stereochemical outcomes of Câ€“F activation reactions of benzyl fluoride. Beilstein Journal of Organic Chemistry, 2018, 14, 106-113.	1.3	15
38	Benzylic Functionalisation of Phenyl allâ€cisâ€2,3,5,6â€Tetrafluorocyclohexane Provides Access to New Organofluorine Building Blocks. Chemistry - A European Journal, 2018, 24, 13290-13296.	1.7	14
39	Signatures of anthocyanin metabolites identified in humans inhibit biomarkers of vascular inflammation in human endothelial cells. Molecular Nutrition and Food Research, 2017, 61, 1700053.	1.5	40
40	The Synthesis and Evaluation of Fluoroâ€; Trifluoromethylâ€; and Iodomuscimols as GABA Agonists. Chemistry - A European Journal, 2017, 23, 10848-10852.	1.7	7
41	Hyperconjugation Is the Source of Helicity in Perfluorinated nâ€Alkanes. Angewandte Chemie, 2017, 129, 7975-7978.	1.6	14
42	Hyperconjugation Is the Source of Helicity in Perfluorinated nâ€Alkanes. Angewandte Chemie - International Edition, 2017, 56, 7867-7870.	7.2	41
43	Interaction of B₁₂F₁₂^{2â€“} with All-cis 1,2,3,4,5,6 Hexafluorocyclohexane in the Gas Phase. Journal of Physical Chemistry Letters, 2017, 8, 109-113.	2.1	33
44	A New Class of Fluorinated A_{2A} Adenosine Receptor Agonist with Application to Lastâ€Step Enzymatic [¹⁸F]Fluorination for PET Imaging. ChemBioChem, 2017, 18, 2156-2164.	1.3	12
45	Incorporation of [2H1]-(1R,2R)- and [2H1]-(1S,2R)-glycerols into the antibiotic nucleocidin in Streptomyces calvus. Organic and Biomolecular Chemistry, 2017, 15, 8006-8008.	1.5	16
46	Strategies for radiolabelling antibody, antibody fragments and affibodies with fluorine-18 as tracers for positron emission tomography (PET). Journal of Fluorine Chemistry, 2017, 203, 31-46.	0.9	16
47	Fluorometabolite biosynthesis: isotopically labelled glycerol incorporations into the antibiotic nucleocidin in Streptomyces calvus. Organic and Biomolecular Chemistry, 2017, 15, 61-64.	1.5	21
48	Fluorinated cyclohexanes: Synthesis of amine building blocks of the all-cis 2,3,5,6-tetrafluorocyclohexylamine motif. Beilstein Journal of Organic Chemistry, 2017, 13, 728-733.	1.3	9
49	Organofluorine chemistry: Difluoromethylene motifs spaced 1,3 to each other imparts facial polarity to a cyclohexane ring. Beilstein Journal of Organic Chemistry, 2016, 12, 2823-2827.	1.3	2
50	Fluorinated Musk Fragrances: The CF_2 Group as a Conformational Bias Influencing the Odour of Civetone and (R)â€Muscone. Chemistry - A European Journal, 2016, 22, 8137-8151.	1.7	24
51	Janus Face Aspect of All-cis 1,2,3,4,5,6-Hexafluorocyclohexane Dictates Remarkable Anion and Cation Interactions In the Gas Phase. Journal of the American Chemical Society, 2016, 138, 7460-7463.	6.6	62
52	Fluorinated liquid crystals: evaluation of selectively fluorinated facially polarised cyclohexyl motifs for liquid crystal applications. Organic and Biomolecular Chemistry, 2016, 14, 9974-9980.	1.5	12
53	Lastâ€Step Enzymatic [¹⁸F]â€Fluorination of Cysteineâ€Tethered RGD Peptides Using Modified Barbas Linkers. Chemistry - A European Journal, 2016, 22, 10998-11004.	1.7	25
54	Accurate Lipophilicity (logâ€°P) Measurements Inform on Subtle Stereoelectronic Effects in Fluorine Chemistry. Angewandte Chemie - International Edition, 2016, 55, 3858-3860.	7.2	23

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55	Multicomponent reactions of methyl substituted all-cis tetrafluorocyclohexane aldehydes. Organic and Biomolecular Chemistry, 2016, 14, 1117-1123.	1.5	11
56	Polar alicyclic rings: synthesis and structure of all cis-1,2,3,4-tetrafluorocyclopentane. Chemical Communications, 2016, 52, 5116-5119.	2.2	12
57	Exploration of a potential difluoromethyl-nucleoside substrate with the fluorinase enzyme. Bioorganic Chemistry, 2016, 64, 37-41.	2.0	20
58	Common Phenolic Metabolites of Flavonoids, but Not Their Unmetabolized Precursors, Reduce the Secretion of Vascular Cellular Adhesion Molecules by Human Endothelial Cells. Journal of Nutrition, 2016, 146, 465-473.	1.3	66
59	Enzymatic transhalogenation of dendritic RGD peptide constructs with the fluorinase. Organic and Biomolecular Chemistry, 2016, 14, 3120-3129.	1.5	13
60	Fluorine in fragrances: exploring the difluoromethylene (CF₂) group as a conformational constraint in macrocyclic musk lactones. Organic and Biomolecular Chemistry, 2016, 14, 211-219.	1.5	18
61	Interâ€•and intramolecular CFÂ·Â·Â·cï£¾o interactions on aliphatic and cyclohexane carbonyl derivatives. Journal of Computational Chemistry, 2016, 37, 25-33.	1.5	17
62	Flavonoid metabolites reduce tumor necrosis factorâ€Î± secretion to a greater extent than their precursor compounds in human THPâ€1 monocytes. Molecular Nutrition and Food Research, 2015, 59, 1143-1154.	1.5	74
63	Selectively fluorinated cyclohexane building blocks: Derivatives of carbonylated all-cis-3-phenyl-1,2,4,5-tetrafluorocyclohexane. Beilstein Journal of Organic Chemistry, 2015, 11, 2671-2676.	1.3	14
64	Lewis acid-promoted hydrofluorination of alkynyl sulfides to generate Î±-fluorovinyl thioethers. Beilstein Journal of Organic Chemistry, 2015, 11, 1902-1909.	1.3	26
65	Synthesis of selectively fluorinated cyclohexanes: The observation of phenonium rearrangements during deoxyfluorination reactions on cyclohexane rings with a vicinal phenyl substituent. Journal of Fluorine Chemistry, 2015, 179, 188-192.	0.9	13
66	Fluorovinyl Thioethers as Putative Steric and Electronic Thioester Enolate Mimetics: Chemoselective HF Addition to Acetylene Thioethers. Australian Journal of Chemistry, 2015, 68, 72.	0.5	10
67	Fluorine containing amino acids: synthesis and peptide coupling of amino acids containing the all-cis tetrafluorocyclohexyl motif. Organic and Biomolecular Chemistry, 2015, 13, 5621-5624.	1.5	26
68	All-cis 1,2,3,4,5,6-hexafluorocyclohexane is a facially polarized cyclohexane. Nature Chemistry, 2015, 7, 483-488.	6.6	121
69	Particularly strong Câ€“Hâ‹¯Ï€ interactions between benzene and all-cis 1,2,3,4,5,6-hexafluorocyclohexane. Physical Chemistry Chemical Physics, 2015, 17, 29475-29478.	1.3	22
70	Identification of a fluorometabolite from Streptomyces sp. MA37: (2R3S4S)-5-fluoro-2,3,4-trihydroxypentanoic acid. Chemical Science, 2015, 6, 1414-1419.	3.7	47
71	Hydrofluorination of Alkynes Catalysed by Gold Bifluorides. ChemCatChem, 2015, 7, 240-244.	1.8	90
72	Enzymatic Fluorination and Biotechnological Developments of the Fluorinase. Chemical Reviews, 2015, 115, 634-649.	23.0	261

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73	The bioactivity of flavonoids is likely the result of cumulative low exposure to a variety of structurally similar phenolic metabolites. FASEB Journal, 2015, 29, 118.4.	0.2	0
74	The difluoromethylene (CF₂) group in aliphatic chains: Synthesis and conformational preference of palmitic acids and nonadecane containing CF₂ groups. Beilstein Journal of Organic Chemistry, 2014, 10, 18-25.	1.3	41
75	Organic chemistry on surfaces: Direct cyclopropanation by dihalocarbene addition to vinyl terminated self-assembled monolayers (SAMs). Beilstein Journal of Organic Chemistry, 2014, 10, 2897-2902.	1.3	5
76	Fluoroacetate biosynthesis from the marine-derived bacterium Streptomyces xinghaiensis NRRL B-24674. Organic and Biomolecular Chemistry, 2014, 12, 4828-4831.	1.5	44
77	Identification of Fluorinases from Streptomyces sp MA37, Norcardia brasiliensis, and Actinoplanes sp N902â€109 by Genome Mining. ChemBioChem, 2014, 15, 364-368.	1.3	97
78	Synthesis and Elaboration of Allâ€cisâ€1,2,4,5â€Tetrafluoroâ€3â€Phenylcyclohexane: A Polar Cyclohexane Motif. Chemistry - A European Journal, 2014, 20, 6259-6263.	1.7	22
79	Synthesis and biological evaluation of nitric oxide-donating analogues of sulindac for prostate cancer treatment. Bioorganic and Medicinal Chemistry, 2014, 22, 756-761.	1.4	30
80	Analysis of CFÂ·Â·Â·FC Interactions on Cyclohexane and Naphthalene Frameworks. Journal of Physical Chemistry A, 2014, 118, 7901-7910.	1.1	36
81	Stepwise Preparation of All-cis 1,3,4-Trifluoro-2-phenylcyclohexane, Avoiding a Phenonium Intermediate. Journal of Organic Chemistry, 2014, 79, 8228-8233.	1.7	20
82	Synthesis and anticancer properties of RGD peptides conjugated to nitric oxide releasing functional groups and abiraterone. Tetrahedron, 2014, 70, 8343-8347.	1.0	7
83	Bis(trifluoromethyl)methylene Addition to Vinyl-Terminated SAMs: A Gas-Phase Câ€“C Bond-Forming Reaction on a Surface. Langmuir, 2014, 30, 5422-5428.	1.6	7
84	A Localized Tolerance in the Substrate Specificity of the Fluorinase Enzyme enables â€œLastâ€Stepâ€• ¹⁸Fâ€…Fluorination of a RGD Peptide under Ambient Aqueous Conditions. Angewandte Chemie - International Edition, 2014, 53, 8913-8918.	7.2	48
85	Successful fluorine-containing herbicide agrochemicals. Journal of Fluorine Chemistry, 2014, 167, 16-29.	0.9	680
86	Total Synthesis of a Reported Fluorometabolite from Streptomyces sp. TC1 Indicates an Incorrect Assignment. The Isolated Compound Did Not Contain Fluorine. Journal of Natural Products, 2014, 77, 1249-1251.	1.5	13
87	Density Functional Study of Interactions between Fluorinated Cyclohexanes and Arenes. Helvetica Chimica Acta, 2014, 97, 797-807.	1.0	4
88	The influence of vicinal threo-difluorination on electro-optic and mesogenic properties of propyleneoxy-linked nematic liquid crystals. Tetrahedron, 2014, 70, 4626-4630.	1.0	10
89	Synthesis and structure of large difluoromethylene containing alicycles by ring closing metathesis (RCM). Organic and Biomolecular Chemistry, 2013, 11, 8209.	1.5	10
90	Fluorosugars: An improved synthesis of the 2,3,4-trideoxy-2,3,4-trifluoro hexose analogue of d-glucose. Journal of Fluorine Chemistry, 2013, 155, 72-77.	0.9	14

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91	The Mechanisms of Radical SAM/Cobalamin Methylations: An Evolving Working Hypothesis.. ChemBioChem, 2013, 14, 675-677.	1.3	11
92	Tumour imaging by Positron Emission Tomography using fluorinase generated 5-[18F]fluoro-5-deoxyribose as a novel tracer. Nuclear Medicine and Biology, 2013, 40, 464-470.	0.3	27
93	Efficient bioconjugation of 5-fluoro-5-deoxy-ribose (FDR) to RGD peptides for positron emission tomography (PET) imaging of Î±vÎ²3 integrin receptor. Organic and Biomolecular Chemistry, 2013, 11, 4551.	1.5	32
94	Chiral fluoroacetic acid: synthesis of (R)- and (S)-[2H1]-fluoroacetate in high enantiopurity. Tetrahedron: Asymmetry, 2013, 24, 719-723.	1.8	6
95	Novel amino acids: synthesis of furoxan and sydnonimine containing amino acids and peptides as potential nitric oxide releasing motifs. Organic and Biomolecular Chemistry, 2013, 11, 4657.	1.5	29
96	Organo-fluorine chemistry III. Beilstein Journal of Organic Chemistry, 2013, 9, 2180-2181.	1.3	1
97	Influence of the difluoromethylene group (CF2) on the conformation and properties of selected organic compounds. Pure and Applied Chemistry, 2012, 84, 1587-1595.	0.9	113
98	Fluorine in Peptides: The Synthesis of Î±â€Fluoroâ€Î²â€Amino Dipeptides by Direct Deoxofluorination/Rearrangement of Nâ€Seryl Dipeptides. Helvetica Chimica Acta, 2012, 95, 2331-2347.	1.0	4
99	Fluorocyclohexanes: synthesis and structure of all-syn-1,2,4,5-tetrafluorocyclohexane. Chemical Communications, 2012, 48, 9643.	2.2	40
100	Allosteric agonists of the calcium receptor (CaR): fluorine and SF5 analogues of cinacalcet. Organic and Biomolecular Chemistry, 2012, 10, 7922.	1.5	25
101	[18F]-5-Fluoro-5-deoxyribose, an efficient peptide bioconjugation ligand for positron emission tomography (PET) imaging. Chemical Communications, 2012, 48, 5247.	2.2	39
102	Stereoelectronic Interactions and the One-Bond Câ€“F Coupling Constant in Sevoflurane. Journal of Physical Chemistry A, 2012, 116, 1677-1682.	1.1	26
103	A vapor phase deposition of self-assembled monolayers: Vinyl-terminated films of volatile silanes on silicon oxide substrates. Thin Solid Films, 2012, 520, 6719-6723.	0.8	13
104	The Synthesis of Î·â€1,2,3,4,5,6â€Hexafluorocyclohexane (Benzene Hexafluoride) from Benzene. Angewandte Chemie - International Edition, 2012, 51, 10086-10088.	7.2	24
105	The Rare Fluorinated Natural Products and Biotechnological Prospects for Fluorine Enzymology. Methods in Enzymology, 2012, 516, 219-235.	0.4	59
106	Synthesis of Fluorinated Neurotransmitter Analogues. Modecular Medicine and Medicinal, 2012, , 299-331.	0.4	4
107	Insights into fluorometabolite biosynthesis in Streptomyces cattleya DSM46488 through genome sequence and knockout mutants. Bioorganic Chemistry, 2012, 44, 1-7.	2.0	29
108	The preferred conformation of erythro- and threo-1,2-difluorocyclododecanes. Beilstein Journal of Organic Chemistry, 2012, 8, 1271-1278.	1.3	5

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109	Organofluorine Chemistry: Synthesis and Conformation of Vicinal Fluoromethylene Motifs. Journal of Organic Chemistry, 2012, 77, 3689-3699.	1.7	100
110	3â€Fluoroâ€Nâ€methylâ€<scp>D</scp>â€aspartic acid (3Fâ€NMDA) Stereoisomers as Conformational Probes for Exploring Agonist Binding at NMDA Receptors. Chemistry - A European Journal, 2012, 18, 8813-8819.	1.7	34
111	Flavonoid metabolism: the synthesis of phenolic glucuronides and sulfates asÂcandidate metabolites for bioactivity studies of dietary flavonoids. Tetrahedron, 2012, 68, 4194-4201.	1.0	33
112	Synthesis and structure of all-syn-1,2,3,4-tetrafluorocyclohexane. Chemical Communications, 2011, 47, 8265.	2.2	44
113	3-fluoro-GABA enantiomers: exploring the conformation of GABA binding to GABAA receptors and GABA aminotransferase. Future Medicinal Chemistry, 2011, 3, 189-195.	1.1	20
114	Fluorine in medicinal chemistry: Î²-fluorination of peripheral pyrrolidines attached to acridine ligands affects their interactions with G-quadruplex DNA. Organic and Biomolecular Chemistry, 2011, 9, 1328.	1.5	65
115	Single enantiomer synthesis of Î±-(trifluoromethyl)-Î²-lactam. Beilstein Journal of Organic Chemistry, 2011, 7, 759-766.	1.3	3
116	Alicyclic Ring Structure: Conformational Influence of the CF₂ Group in Cyclododecanes. Angewandte Chemie - International Edition, 2011, 50, 10581-10584.	7.2	28
117	Prins fluorination cyclisations: Preparation of 4-fluoro-pyran and -piperidine heterocycles. Beilstein Journal of Organic Chemistry, 2010, 6, 41.	1.3	36
118	Fluorine in health care: Organofluorine containing blockbuster drugs. Journal of Fluorine Chemistry, 2010, 131, 1071-1081.	0.9	723
119	A DFT study on the origin of the fluorine gauche effect in substituted fluoroethanes. Tetrahedron, 2010, 66, 2196-2202.	1.0	108
120	Stereospecific benzylic dehydroxyfluorination reactions using Bioâ€™s TMS-amine additive approach with challenging substrates. Tetrahedron Letters, 2010, 51, 5795-5797.	0.7	29
121	Organo-fluorine chemistry II. Beilstein Journal of Organic Chemistry, 2010, 6, 36.	1.3	6
122	Engineering Fluorometabolite Production: Fluorinase Expression in Salinispora tropica Yields Fluorosalinosporamide. Journal of Natural Products, 2010, 73, 378-382.	1.5	120
123	Enzymes that catalyse SN2 reaction mechanisms. Natural Product Reports, 2010, 27, 900.	5.2	57
124	Fluorosugars: synthesis of the 2,3,4-trideoxy-2,3,4-trifluoro hexose analogues of d-glucose and d-altrose and assessment of their erythrocyte transmembrane transport. Chemical Communications, 2010, 46, 5434.	2.2	53
125	An enzymatic route to 5-deoxy-5-[18F]fluoro-d-ribose, a [¹⁸F]-fluorinated sugar for PET imaging. Chemical Communications, 2010, 46, 139-141.	2.2	49
126	Protein adsorption onto CF3-terminated oligo(ethylene glycol) containing self-assembled monolayers (SAMs): the influence of ionic strength and electrostatic forces. Physical Chemistry Chemical Physics, 2010, 12, 4367.	1.3	10

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127	Three step synthesis of single diastereoisomers of the vicinal trifluoro motif. Beilstein Journal of Organic Chemistry, 2009, 5, 61.	1.3	11
128	Synthesis of phosphonate and phostone analogues of ribose-1-phosphates. Beilstein Journal of Organic Chemistry, 2009, 5, 37.	1.3	9
129	Synthesis and Vanilloid Receptor (TRPV1) Activity of the Enantiomers of Î±â€Fluorinated Capsaicin. ChemBioChem, 2009, 10, 823-828.	1.3	26
130	Mechanistic Insights into the Cytochrome P450â€Mediated Oxidation and Rearrangement of Littorine in Tropane Alkaloid Biosynthesis. ChemBioChem, 2009, 10, 2382-2393.	1.3	30
131	Mechanistic Insights into Water Activation in SAM Hydroxide Adenosyltransferase (dufâ€62). ChemBioChem, 2009, 10, 2455-2459.	1.3	16
132	Synthesis and Structure of Stereoisomeric Multivicinal Hexafluoroalkanes. Angewandte Chemie - International Edition, 2009, 48, 5457-5460.	7.2	74
133	A regio- and stereoisomeric study of allylic alcohol fluorination with a range of reagents. Journal of Fluorine Chemistry, 2009, 130, 537-543.	0.9	26
134	Diastereoselective Synthesis of 2,3,4,5,6-Pentafluoroheptanes. Journal of Organic Chemistry, 2009, 74, 7168-7171.	1.7	32
135	Fluorinase: a tool for the synthesis of ¹⁸F-labeled sugars and nucleosides for PET. Future Medicinal Chemistry, 2009, 1, 865-873.	1.1	23
136	An efficient synthesis of (R)- and (S)-2-(aminomethyl)piperidine dihydrochloride. Tetrahedron: Asymmetry, 2008, 19, 2330-2333.	1.8	2
137	Catalytic Asymmetric Fluorination Comes of Age. Angewandte Chemie - International Edition, 2008, 47, 1179-1182.	7.2	176
138	Synthesis of fluorinated analogues of the neurosteroid GABAA receptor antagonist, 17-PA. Journal of Fluorine Chemistry, 2008, 129, 881-887.	0.9	6
139	The fluorinase, the chlorinase and the duf-62 enzymes. Current Opinion in Chemical Biology, 2008, 12, 582-592.	2.8	69
140	In Vitro Reconstituted Biotransformation of 4-Fluorothreonine from Fluoride Ion: Application of the Fluorinase. Chemistry and Biology, 2008, 15, 1268-1276.	6.2	43
141	Understanding organofluorine chemistry. An introduction to the Câ€“F bond. Chemical Society Reviews, 2008, 37, 308-319.	18.7	2,997
142	Multi-vicinal fluoroalkanes: a new class of organofluorine compounds. Organic and Biomolecular Chemistry, 2008, 6, 2843.	1.5	43
143	Editorial: Synthesis themed issue. Natural Product Reports, 2008, 25, 215.	5.2	0
144	The multi-vicinal fluoroalkane motif: an examination of 2,3,4,5-tetrafluorohexane stereoisomers. Organic and Biomolecular Chemistry, 2008, 6, 3105.	1.5	24

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145	Themed series in organo-fluorine chemistry. Beilstein Journal of Organic Chemistry, 2008, 4, 11.	1.3	5
146	Mechanism of Enzymatic Fluorination in Streptomyces cattleya. Journal of the American Chemical Society, 2007, 129, 14597-14604.	6.6	102
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