

# Data-Mining for Sulfur and Fluorine: An Evaluation of P Opportunities for Drug Design and Discovery

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Data mining in pharma sector: benefits. International Journal of Health Care Quality Assurance, 2009, 22, 82-92.	0.2	17
2	A Chemical Tuned Strategy to Develop Novel Irreversible EGFR-TK Inhibitors with Improved Safety and Pharmacokinetic Profiles. Journal of Medicinal Chemistry, 2014, 57, 9889-9900.	2.9	55
3	Catalytic Asymmetric Synthesis of Thiols. Journal of the American Chemical Society, 2014, 136, 16982-16985.	6.6	59
4	[3+3] Annulation of donor-acceptor cyclopropanes with mercaptoacetaldehyde: application to the synthesis of tetrasubstituted thiophenes. Chemical Communications, 2014, 50, 4062.	2.2	63
5	Diastereoselective Synthesis of 2-Phenyl-3-(trifluoromethyl)piperazines as Building Blocks for Drug Discovery. Journal of Organic Chemistry, 2014, 79, 5887-5894.	1.7	19
6	Cyclocarbopalladation/Cross-Coupling Cascade Reactions in Sulfide Series: Access to Sulfur Heterocycles. Organic Letters, 2014, 16, 3060-3063.	2.4	51
7	A Highly Efficient Cu-Catalyzed S-Transfer Reaction: From Amine to Sulfide. Organic Letters, 2014, 16, 2692-2695.	2.4	121
8	Regiospecific Synthesis of $\alpha$ -Trifluoromethylisoquinolines Enabled by Photoredox Somophilic Vinyl Isocyanide Insertion. Advanced Synthesis and Catalysis, 2014, 356, 2859-2866.	2.1	67
9	Beyond C, H, O, and N! Analysis of the Elemental Composition of U.S. FDA Approved Drug Architectures. Journal of Medicinal Chemistry, 2014, 57, 9764-9773.	2.9	238
10	Analysis of the Structural Diversity, Substitution Patterns, and Frequency of Nitrogen Heterocycles among U.S. FDA Approved Pharmaceuticals. Journal of Medicinal Chemistry, 2014, 57, 10257-10274.	2.9	3,996
11	Visible-Light-Mediated Fluoroalkylation of Isocyanides with Ethyl Bromofluoroacetates: Unified Synthesis of Mono- and Difluoromethylated Phenanthridine Derivatives. Organic Letters, 2014, 16, 2938-2941.	2.4	228
12	2-Fluoromalonate Esters: Fluoroaliphatic Building Blocks for the Life Sciences. Organic Process Research and Development, 2014, 18, 981-992.	1.3	43
13	Structural Investigation of Weak Intermolecular Interactions (Hydrogen and Halogen Bonds) in Fluorine-Substituted Benzimidazoles. Crystal Growth and Design, 2014, 14, 3499-3509.	1.4	35
14	Direct Cross-Coupling Access to Diverse Aromatic Sulfide: Palladium-Catalyzed Double C-S Bond Construction Using $\text{Na}_2\text{S}_2\text{O}_3$ as a Sulfurating Reagent. Organic Letters, 2014, 16, 1212-1215.	2.4	137
15	A Versatile Approach to $\text{CF}_3$ -Containing $\alpha$ -Pyrrolidones by Tandem Michael Addition-Cyclization: Exemplification in the Synthesis of Amidine Class BACE1 Inhibitors. Chemistry - A European Journal, 2015, 21, 11719-11726.	1.7	16
16	A Convenient Approach to $\text{CF}_3$ -Containing N-Heterocycles Based on $2$ -Methoxy- $2$ -methyl- $5$ -(trifluoromethyl)furan ( $2$ -H $^+$ ). European Journal of Organic Chemistry, 2015, 2015, 5236-5245.		19
18	Silver-Catalyzed Coupling of Two $\text{C}\equiv\text{N}$ Groups and One $\alpha$ -Pot Synthesis of Tetrasubstituted Furans, Thiophenes, and Pyrroles. Chemistry - A European Journal, 2015, 21, 11335-11339.	1.7	51
19	Copper-Mediated Synthesis of Aryldifluoromethylphosphonates: A Sandmeyer Approach. European Journal of Organic Chemistry, 2015, 2015, 3787-3792.	1.2	30

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20	Synthesis of <i>ortho</i> -(Fluoro)alkylated Pyridines via Visible Light-Promoted Radical Isocyanide Insertion. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3681-3686.	2.1	52
21	Copper-Mediated Formation of Aryl, Heteroaryl, Vinyl and Alkynyl Difluoromethylphosphonates: A General Approach to Fluorinated Phosphate Mimics. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13406-13410.	7.2	83
22	Understanding the foundations of the structural similarities between marketed drugs and endogenous human metabolites. <i>Frontiers in Pharmacology</i> , 2015, 6, 105.	1.6	27
23	Yb(OTf) <sub>3</sub> catalyzed [3 + 2] annulations of $\alpha$ -cyclopropanes with $\beta$ -oxodithioesters: a regioselective synthesis of tetrahydrothiophenes. <i>RSC Advances</i> , 2015, 5, 47418-47421.	1.7	25
24	Ru-Catalyzed Regioselective CH-Hydroarylation of Alkynes with Benzylthioethers Using Sulfur as Directing Group. <i>Organic Letters</i> , 2015, 17, 3178-3181.	2.4	51
25	Synthesis of Diaryliodonium Salts Having Pentafluorosulfanylarenes and Their Application to Electrophilic Pentafluorosulfanylarylation of C-, O-, N-, and S-Nucleophiles. <i>Organic Letters</i> , 2015, 17, 3038-3041.	2.4	40
26	Enantioselective Sulfa-Michael Addition to $\alpha,\beta$ -Unsaturated $\alpha$ -oxoesters Catalyzed by a Metal-Templated Chiral Brønsted Base. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 434-437.	1.3	26
27	Understanding of Noncovalent Interactions Involving Organic Fluorine. <i>Lecture Notes in Quantum Chemistry II</i> , 2015, , 37-67.	0.3	38
28	Copper-Catalyzed Cyclopropanol Ring Opening C(sp <sup>3</sup> ) <sub>3</sub> -C(sp <sup>3</sup> ) <sub>3</sub> Cross-Couplings with (Fluoro)Alkyl Halides. <i>Organic Letters</i> , 2015, 17, 6074-6077.	2.4	107
29	Cu-Catalyzed Transformation of Alkynes and Alkenes with Azide and Dimethyl Sulfoxide Reagents. <i>Organic Letters</i> , 2015, 17, 6186-6189.	2.4	78
30	Alkylation of thiols with trichloroacetimidates under neutral conditions. <i>Tetrahedron Letters</i> , 2015, 56, 3301-3305.	0.7	21
31	Nickel-catalyzed thiolation of unactivated aryl C-H bonds: efficient access to diverse aryl sulfides. <i>Chemical Communications</i> , 2015, 51, 4069-4072.	2.2	150
32	PhenoFluorMix: Practical Chemoselective Deoxyfluorination of Phenols. <i>Organic Letters</i> , 2015, 17, 544-547.	2.4	83
33	Cooperative Conformational Regulation in N-Heterocyclic Fluorohydrins. <i>Australian Journal of Chemistry</i> , 2015, 68, 50.	0.5	8
34	A Survey of the Role of Noncovalent Sulfur Interactions in Drug Design. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4383-4438.	2.9	582
35	Synthesis of 6-(Arylthio)phenanthridines by Copper-Catalyzed Tandem Reactions of 2-Biaryl Isothiocyanates with Diaryliodonium Salts. <i>Organic Letters</i> , 2015, 17, 1232-1235.	2.4	61
36	1,4-Addition of the CF <sub>3</sub> group, perfluoroalkyl groups and functionalized difluoromethylated moieties: An overview. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 225-240.	0.9	10
37	Synthesis of 1,2,3,6-Tetrahydropyridines via Aminophosphate Enabled Anionic Cascade and Acid Catalyzed Cyclization Approaches. <i>Organic Letters</i> , 2015, 17, 4030-4033.	2.4	11

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38	Modulation of the Interaction between a Peptide Ligand and a G Protein-Coupled Receptor by Halogen Atoms. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 872-876.	1.3	16
39	PyFluor: A Low-Cost, Stable, and Selective Deoxyfluorination Reagent. <i>Journal of the American Chemical Society</i> , 2015, 137, 9571-9574.	6.6	222
40	Novel cajaninstilbene acid derivatives as antibacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 100, 235-245.	2.6	31
41	Rhodium-Catalyzed Cyclopropanation of Fluorinated Olefins: A Straightforward Route to Highly Functionalized Fluorocyclopropanes. <i>Organic Letters</i> , 2015, 17, 1790-1793.	2.4	34
42	Transition-Metal-Free Tandem Radical Thiocyanooxygenation of Olefinic Amides: A New Route to SCN-Containing Heterocycles. <i>Organic Letters</i> , 2015, 17, 1998-2001.	2.4	133
43	CO <sub>2</sub> -promoted oxidative cross-coupling reaction for C–S bond formation via masked strategy in an odourless way. <i>Chemical Communications</i> , 2015, 51, 10295-10298.	2.2	90
44	Nickel-catalyzed direct thiolation of unactivated C(sp <sup>3</sup> )–H bonds with disulfides. <i>Chemical Communications</i> , 2015, 51, 7341-7344.	2.2	131
45	Fluorine gas for life science syntheses: green metrics to assess selective direct fluorination for the synthesis of 2-fluoromalonate esters. <i>Green Chemistry</i> , 2015, 17, 3000-3009.	4.6	13
46	One-Pot Parallel Synthesis of Alkyl Sulfides, Sulfoxides, and Sulfones. <i>ACS Combinatorial Science</i> , 2015, 17, 348-354.	3.8	22
47	Palladium(II)-Catalyzed Directed Trifluoromethylthiolation of Unactivated C(sp <sup>3</sup> )–H Bonds. <i>Journal of Organic Chemistry</i> , 2015, 80, 4204-4212.	1.7	105
48	Recent advances in fluorination techniques and their anticipated impact on drug metabolism and toxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 589-599.	1.5	65
49	Intermolecular Sulfur–Oxygen Interactions: Theoretical and Statistical Investigations. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 2138-2153.	2.5	91
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52	Synthesis and biological evaluation of levofloxacin core-based derivatives with potent antibacterial activity against resistant Gram-positive pathogens. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3928-3932.	1.0	18
53	An odorless thia-Michael addition using Bunte salts as thiol surrogates. <i>RSC Advances</i> , 2015, 5, 27107-27111.	1.7	29
54	Site and stereoselectivity in sulfa-Michael addition to equivocally activated conjugated dienes. <i>RSC Advances</i> , 2015, 5, 66681-66686.	1.7	17
55	Photoredox-Catalyzed Tandem Insertion/Cyclization Reactions of Difluoromethyl and 1,1-Difluoroalkyl Radicals with Biphenyl Isocyanides. <i>Organic Letters</i> , 2015, 17, 4401-4403.	2.4	142

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56	Exploitation of in Situ Generated Sugar-Based Olefin Keto-Nitrones: Synthesis of Carbocycles, Heterocycles, and Nucleoside Derivatives. <i>Journal of Organic Chemistry</i> , 2015, 80, 1136-1148.	1.7	18
57	Organofluorine chemistry: applications, sources and sustainability. <i>Green Chemistry</i> , 2015, 17, 2081-2086.	4.6	154
58	C-H activation dependent Pd-catalyzed carbonylative coupling of (hetero)aryl bromides and polyfluoroarenes. <i>Chemical Communications</i> , 2015, 51, 1870-1873.	2.2	40
59	Sulfide synthesis through copper-catalyzed C-S bond formation under biomolecule-compatible conditions. <i>Chemical Communications</i> , 2015, 51, 941-944.	2.2	109
60	Nucleophilic tetrafluoroethylation of carbonyl compounds with fluorinated sulfones. <i>Journal of Fluorine Chemistry</i> , 2015, 169, 24-31.	0.9	11
61	Chemical Structure-Related Drug-Like Criteria of Global Approved Drugs. <i>Molecules</i> , 2016, 21, 75.	1.7	61
62	Anionic Cascade Routes to Sulfur and Nitrogen Heterocycles Originating from Thio- and Aminophosphate Precursors. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4249-4259.	1.2	7
63	Multichannel Reaction of $\alpha$ -Bromo Ketones with 1,2-Diamines: Synthesis of 1,4-Diazabicyclo[4.1.0]heptanes by Reaction with <i>N</i> -Unsubstituted 1,2-Diamines. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1612-1618.	1.2	11
64	Covalent EGFR Inhibitors: Binding Mechanisms, Synthetic Approaches, and Clinical Profiles. <i>Archiv Der Pharmazie</i> , 2016, 349, 573-593.	2.1	29
65	Metal-Free Synthesis of Fluorinated Indoles Enabled by Oxidative Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2243-2247.	7.2	35
66	Direct Perfluoroalkylthiolation of Few Chalcogenols. <i>Chinese Journal of Chemistry</i> , 2016, 34, 455-458.	2.6	11
67	Metal-Free Synthesis of Fluorinated Indoles Enabled by Oxidative Dearomatization. <i>Angewandte Chemie</i> , 2016, 128, 2283-2287.	1.6	10
69	Copper Salt-Controlled Divergent Reactivity of $[\text{Cu}]\text{CF}_2\text{PO}(\text{OEt})_2$ with $\alpha$ -Diazocarbonyl Derivatives. <i>Angewandte Chemie</i> , 2016, 128, 14347-14351.	1.6	19
70	An Electrophilic Reagent for the Direct Introduction of the $\text{SCF}_2\text{PO}(\text{OEt})_2$ Group to Molecules. <i>Angewandte Chemie</i> , 2016, 128, 13688-13692.	1.6	17
71	Mechanism Underlying Time-dependent Cross-phenomenon between Concentration-response Curves and Concentration Addition Curves: A Case Study of Sulfonamides-Erythromycin mixtures on <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2016, 6, 33718.	1.6	8
72	Fluorination of pyrrole derivatives by Selectfluor. <i>Tetrahedron</i> , 2016, 72, 2456-2463.	1.0	19
73	2-(Trifluoromethyl)indoles via Pd(0)-Catalyzed $\text{C}(\text{sp}^3)\text{-H}$ Functionalization of Trifluoroacetimidoyl Chlorides. <i>Organic Letters</i> , 2016, 18, 1932-1935.	2.4	31
74	$\text{CuSO}_4$ -Mediated Decarboxylative Difluoroacetamidation of $\alpha,\beta$ -Unsaturated Carboxylic Acids. <i>Journal of Organic Chemistry</i> , 2016, 81, 2639-2645.	1.7	29

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75	Lewis base catalyzed trialkylsilylcyanide additions to cyclic 2-fluoroketones: nucleophile directed access to both cis- and trans-stereoisomers. <i>Tetrahedron Letters</i> , 2016, 57, 2161-2164.	0.7	4
76	Straightforward synthesis of tri- and tetra-substituted 3-trifluoromethylfurans by heterocyclization reaction of perfluoroketene dithioacetals. <i>Tetrahedron</i> , 2016, 72, 6807-6814.	1.0	7
77	Palladium-catalyzed direct mono- $\alpha$ -arylation of $\alpha$ -fluoroketones with aryl halides or phenyl triflate. <i>Journal of Fluorine Chemistry</i> , 2016, 191, 54-62.	0.9	5
78	Copper Salt-Controlled Divergent Reactivity of $[Cu]CF_2PO(OEt)_2$ with $\alpha$ -Diazocarbonyl Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14141-14145.	7.2	46
79	An Electrophilic Reagent for the Direct Introduction of the $SCF_2PO(OEt)_2$ Group to Molecules. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13490-13494.	7.2	52
80	$TiCl_4$ -Mediated Preparation of Thiophthalide Derivatives via Formal Thio-Passerini Reactions. <i>Organic Letters</i> , 2016, 18, 4060-4063.	2.4	17
81	Enantioconvergent Nucleophilic Substitution Reaction of Racemic Alkyne-Dicobalt Complex (Nicholas Reaction) Catalyzed by Chiral Brønsted Acid. <i>Journal of the American Chemical Society</i> , 2016, 138, 11038-11043.	6.6	37
82	Sulfur and sulfur nanoparticles as potential antimicrobials: from traditional medicine to nanomedicine. <i>Expert Review of Anti-Infective Therapy</i> , 2016, 14, 969-978.	2.0	53
83	Alkylation of Sulfonamides with Trichloroacetimidates under Thermal Conditions. <i>Journal of Organic Chemistry</i> , 2016, 81, 8035-8042.	1.7	25
84	Palladium-Catalysed Synthesis of $\alpha$ -(Trifluoromethyl)styrenes by Means of Directed C-H Bond Functionalization. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 76-82.	1.2	22
85	Rhodium-Catalyzed Regiodivergent Hydrothiolation of Allyl Amines and Imines. <i>Journal of the American Chemical Society</i> , 2016, 138, 11914-11919.	6.6	61
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88	Recent Advances in the Synthesis of $SCF_2H$ - and $SCF_2FG$ -Containing Molecules. <i>Chemistry - A European Journal</i> , 2016, 22, 16734-16749.	1.7	115
89	TBAI-Catalyzed/Water-Assisted Double C-S Bond Formations: An Efficient Approach to Sulfides through Metal-Free Three-Component Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 14181-14185.	1.7	17
90	Benzo[ <i>c</i> ]isothiazole 2-Oxides: Three-Dimensional Heterocycles with Cross-Coupling and Functionalization Potential. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3649-3653.	2.1	29
91	Palladium-Catalyzed Stereoselective Formation of Substituted Allylic Thioethers and Sulfones. <i>Organic Letters</i> , 2016, 18, 6042-6045.	2.4	86
92	Direct Phosphorus-Induced Fluoroalkylthiolation with Fluoroalkylsulfonyl Chlorides. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3700-3705.	2.1	65

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93	Enantioselective nitromethane addition to brominated and fluorinated benzaldehydes (Henry) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 747 1217-1221.	1.8	12
94	Transition-Metal-Free Diarylannulated Sulfide and Selenide Construction via Radical/Anion-Mediated Sulfurâ€‘Iodine and Seleniumâ€‘Iodine Exchange. <i>Organic Letters</i> , 2016, 18, 5756-5759.	2.4	185
95	Diastereoselective Trifluoroacetylation of Highly Substituted Pyrrolidines by a Dakinâˆ“West Process. <i>Journal of Organic Chemistry</i> , 2016, 81, 11898-11908.	1.7	6
96	An artificial selfâ€‘sufficient cytochrome P450 directly nitrates fluorinated tryptophan analogs with a different regioâ€‘selectivity. <i>Biotechnology Journal</i> , 2016, 11, 624-632.	1.8	21
97	Stereoselective thiaâ€‘Michael 1,4â€‘Addition to Acyclic 2,4â€‘Dienones and 2â€‘Enâ€‘4â€‘ynones. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1289-1295.	2.1	19
98	New entries toward the synthesis of OCF <sub>3</sub> -containing molecules. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1004-1010.	2.3	152
99	Difluoromethanesulfonyl hypervalent iodonium ylides for electrophilic difluoromethylthiolation reactions under copper catalysis. <i>Royal Society Open Science</i> , 2016, 3, 160102.	1.1	55
100	Manganese-catalyzed regiospecific sp <sup>3</sup> Câ€‘S bond formation through Câ€‘C bond cleavage of cyclobutanols. <i>Chemical Communications</i> , 2016, 52, 8160-8163.	2.2	56
101	Catalyst-free and selective synthesis of 2-aminothiophenes and 2-amino-4,5-dihydrothiophenes from 4-thiazolidinones in water. <i>RSC Advances</i> , 2016, 6, 59808-59815.	1.7	12
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105	Oxidative trifluoromethylthiolation and thiocyanation of amines: a general approach to Nâ€‘S bond formation. <i>Organic Chemistry Frontiers</i> , 2016, 3, 620-624.	2.3	35
106	Facile Sulfa-Michael Reactions with Sodium Arylsulfonates in Water: The Promotion of Water on the Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1804-1809.	3.2	43
107	DFT studies on the mechanism of palladium catalyzed arylthiolation of unactive arene to diaryl sulfide. <i>RSC Advances</i> , 2016, 6, 18300-18307.	1.7	7
108	Ligand-Controlled Divergent Cross-Coupling Involving Organosilicon Compounds for Thioether and Thioester Synthesis. <i>Organic Letters</i> , 2016, 18, 1550-1553.	2.4	104
109	Direct Î±-acyloxylation of organic sulfides with the hypervalent (diacyloxyiodo)benzene/tetra-n-butylammonium bromide (TBAB) reagent combination. <i>RSC Advances</i> , 2016, 6, 27983-27987.	1.7	12
110	Unsaturated polyfluoroalkyl ketones in the synthesis of nitrogen-bearing heterocycles. <i>RSC Advances</i> , 2016, 6, 1984-1998.	1.7	51

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111	Rh(III)-Catalyzed C7-Thiolation and Selenation of Indolines. <i>Journal of Organic Chemistry</i> , 2016, 81, 396-403.	1.7	113
112	Sustainable synthesis of enantiopure fluorolactam derivatives by a selective direct fluorination $\alpha$ -amidase strategy. <i>Green Chemistry</i> , 2016, 18, 1313-1318.	4.6	41
113	Transition metal-free stereospecific access to (E)-(1-fluoro-2-arylviny)phosphine borane complexes. <i>Chemical Communications</i> , 2017, 53, 2048-2051.	2.2	9
114	Recent developments in sulfur $\alpha$ -carbon bond formation reaction involving thiosulfates. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1942-1946.	1.5	125
115	C(sp <sup>2</sup> ) $\alpha$ -H Borylation of Fluorinated Arenes Using an Air-Stable Cobalt Precatalyst: Electronically Enhanced Site Selectivity Enables Synthetic Opportunities. <i>Journal of the American Chemical Society</i> , 2017, 139, 2825-2832.	6.6	107
116	Synthesis of 1-Thio-Substituted Isoquinoline Derivatives by Tandem Cyclization of Isothiocyanates. <i>Journal of Organic Chemistry</i> , 2017, 82, 1428-1436.	1.7	38
117	Silver $\alpha$ -Catalyzed Regio $\alpha$ -and Stereoselective Thiocyanation of Haloalkynes: Access to ( <i>Z</i> ) $\alpha$ -Vinyl Thiocyanates. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1208-1212.	2.1	62
118	Copper $\alpha$ -Mediated [(Diethylphosphono)difluoromethyl]thiolation of $\alpha$ -Bromo Ketones. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2475-2480.	1.2	19
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120	Copper $\alpha$ -Promoted Thiolation of C(sp <sup>2</sup> ) $\alpha$ -H Bonds Using a $\alpha$ -Amino Alkylbenzimidazole Directing Group. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2280-2289.	1.2	34
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122	Pt(II) and Ni(II) complexes of octahydropyrrolo[3,4- <i>c</i> ]pyrrole N-benzoylthiourea derivatives: Synthesis, characterization, physical parameters and biological activity. <i>Inorganica Chimica Acta</i> , 2017, 463, 88-96.	1.2	43
123	Metal $\alpha$ -Catalyzed Direct C $\alpha$ -H Fluoroalkenylation of Pyridine <i>N</i> -Oxides and Related Derivatives. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3049-3054.	1.2	14
124	Pentafluorosulfanyl-Substituted Benzopyran Analogues As New Cyclooxygenase-2 Inhibitors with Excellent Pharmacokinetics and Efficacy in Blocking Inflammation. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4135-4146.	2.9	24
125	Copper-catalyzed fluoroalkylation of alkynes, and alkynyl & vinyl carboxylic acids with fluoroalkyl halides. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4295-4299.	1.5	33
126	Copper-Catalyzed Decarboxylative Difluoroalkylation and Perfluoroalkylation of $\alpha,\beta$ -Unsaturated Carboxylic Acids. <i>Journal of Organic Chemistry</i> , 2017, 82, 597-605.	1.7	38
127	Synergistic Strategies of Cyano Migration and Photocatalysis for Difunctionalization of Unactivated Alkenes: Synthesis of Di $\alpha$ - and Mono $\alpha$ -Fluorinated Alkyl Nitriles. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3052-3056.	2.1	76
128	Green synthesis of Sulphur Nanoparticles assisted by a herbal surfactant in aqueous solutions. <i>Micro and Nano Letters</i> , 2017, 12, 329-334.	0.6	25



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129	Tuning Sulfur Oxidation States on Thioether-Bridged Peptide Macrocycles for Modulation of Protein Interactions. <i>ChemBioChem</i> , 2017, 18, 1836-1844.	1.3	18
130	Palladium-catalyzed carbon-sulfur or carbon-phosphorus bond metathesis by reversible arylation. <i>Science</i> , 2017, 356, 1059-1063.	6.0	196
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132	Fluorinated Amine Stereotriads via Allene Amination. <i>Organic Letters</i> , 2017, 19, 3239-3242.	2.4	13
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