

# Vasiliy M Muzalevskiy

## List of Publications by Year in descending order

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51  
papers

1,220  
citations

331670

21  
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395702

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67  
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67  
docs citations

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times ranked

1097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyfluorinated Ethanes as Versatile Fluorinated C <sub>2</sub> -Building Blocks for Organic Synthesis. <i>Chemical Reviews</i> , 2015, 115, 973-1050.	47.7	127
2	Organofluorine chemistry: promising growth areas and challenges. <i>Russian Chemical Reviews</i> , 2019, 88, 425-569.	6.5	127
3	Selective, Metal-Free Approach to 3- or 5-CF <sub>3</sub> -Pyrazoles: Solvent Switchable Reaction of CF <sub>3</sub> -Ynones with Hydrazines. <i>Journal of Organic Chemistry</i> , 2017, 82, 7200-7214.	3.2	71
4	Radical Nitration-Debromination of $\alpha$ -Bromo- $\alpha$ -fluoroalkenes as a Stereoselective Route to Aromatic $\alpha$ -Fluoronitroalkenes—Functionalized Fluorinated Building Blocks for Organic Synthesis. <i>Journal of Organic Chemistry</i> , 2017, 82, 5274-5284.	3.2	45
5	$\alpha$ -Trifluoromethyl- $\beta$ -aryl enamines in the synthesis of trifluoromethylated heterocycles by the Fischer and the Pictet—Spengler reactions. <i>Tetrahedron</i> , 2009, 65, 7553-7561.	1.9	43
6	Regioselective synthesis of 5-trifluoromethyl-1,2,3-triazoles via CF <sub>3</sub> -directed cyclization of 1-trifluoromethyl-1,3-dicarbonyl compounds with azides. <i>Tetrahedron</i> , 2012, 68, 614-618.	1.9	43
7	Copper-Catalyzed Transformation of Hydrazones into Halogenated Azabutadienes, Versatile Building Blocks for Organic Synthesis. <i>ACS Catalysis</i> , 2017, 7, 205-209.	11.2	42
8	Fragmentation of Trifluoromethylated Alkenes and Acetylenes by N,N-Binucleophiles. Synthesis of Imidazolines or Imidazolidines (Oxazolidines) Controlled by Substituent. <i>Journal of Organic Chemistry</i> , 2010, 75, 5679-5688.	3.2	39
9	Selective synthesis of $\alpha$ -trifluoromethyl- $\beta$ -aryl enamines or vinylogous guanidinium salts by treatment of $\beta$ -halo- $\beta$ -trifluoromethylstyrenes with secondary amines under different conditions. <i>Tetrahedron</i> , 2009, 65, 6991-7000.	1.9	37
10	Synthesis of Trifluoromethyl Pyrroles and Their Benzo Analogues. <i>Synthesis</i> , 2009, 2009, 3905-3929.	2.3	36
11	Reaction of $\alpha$ -Bromo Enones with 1,2-Diamines. Cascade Assembly of 3-(Trifluoromethyl)piperazin-2-ones via Rearrangement. <i>Organic Letters</i> , 2013, 15, 2726-2729.	4.6	33
12	Reactions of CF <sub>3</sub> -enones with arenes under superelectrophilic activation: a pathway to trans-1,3-diaryl-1-CF <sub>3</sub> -indanes, new cannabinoid receptor ligands. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8827-8842.	2.8	33
13	Mild and Regioselective Synthesis of 3-CF <sub>3</sub> -Pyrazoles by the AgOTf-Catalysed Reaction of CF <sub>3</sub> -Ynones with Hydrazines. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3750-3755.	2.4	33
14	Novel efficient synthesis of $\beta$ -fluoro- $\beta$ -(trifluoromethyl)styrenes. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 384-388.	1.7	29
15	New synthetic approach to $\alpha$ -fluoro- $\beta$ -arylvinyl sulfones and their application in Diels—Alder reactions. <i>Tetrahedron</i> , 2008, 64, 9725-9732.	1.9	28
16	Synthesis and Diels—Alder reactions of $\alpha$ -fluoro- and $\alpha$ -trifluoromethylacrylonitriles. <i>Journal of Fluorine Chemistry</i> , 2007, 128, 818-826.	1.7	26
17	Superacid-Promoted Synthesis of CF <sub>3</sub> -Indenes Using Brominated CF <sub>3</sub> -Enones. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5632-5643.	2.4	25
18	Diastereoselective synthesis of CF <sub>3</sub> -oxazinoquinolines in water. <i>Green Chemistry</i> , 2019, 21, 6353-6360.	9.0	25

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19	A Cascade Approach to Captodative Trifluoromethylated Enamines or Vinylogous Guanidinium Salts: Aromatic Substituents as Switches of Reaction Direction. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 300-310.	2.4	24
20	One-Pot, Atom and Step Economy (PASE) Assembly of Trifluoromethylated Pyrimidines from CF <sub>3</sub> -ynones. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4121-4129.	2.4	23
21	Synthesis and Properties of Fluoropyrroles and Their Analogues. <i>Synthesis</i> , 2012, 44, 2115-2137.	2.3	22
22	1,2-Disubstituted CF <sub>3</sub> -Enones as a Trifluoromethyl Building Block: Regioselective Preparation of Totally Substituted 3-CF <sub>3</sub> -Pyrazoles. <i>Journal of Organic Chemistry</i> , 2021, 86, 2385-2405.	3.2	22
23	Regiocontrolled Hydroarylation of (Trifluoromethyl)acetylenes in Superacids: Synthesis of CF <sub>3</sub> -Substituted 1,1-Diarylethenes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1132-1143.	2.4	21
24	Domino Assembly of Trifluoromethylated N,O-Heterocycles by the Reaction of Fluorinated 1-Bromo-enones with Amino Alcohols. <i>Journal of Organic Chemistry</i> , 2016, 81, 10029-10034.	3.2	20
25	Synthesis of trifluoromethylated [1,4]diazepines from 1,1,1-trifluoroalk-3-yn-2-ones. <i>Mendeleev Communications</i> , 2014, 24, 269-271.	1.6	19
26	Reaction of CF <sub>3</sub> -ynones with azides. An efficient regioselective and metal-free route to 4-trifluoroacetyl-1,2,3-triazoles. <i>Mendeleev Communications</i> , 2018, 28, 17-19.	1.6	19
27	Electrophilic halogenation of hydrazones of CF <sub>3</sub> -ynones. Regioselective synthesis of 4-halo-substituted 3-CF <sub>3</sub> -pyrazoles. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7935-7946.	2.8	19
28	Trifluoromethylated allyl alcohols: acid-promoted reactions with arenes and unusual "dimerization". <i>Tetrahedron Letters</i> , 2014, 55, 6851-6855.	1.4	15
29	Cu and Au nanocomposites in catalytic olefination reaction. <i>Mendeleev Communications</i> , 2010, 20, 200-202.	1.6	14
30	Synthesis of 1,1,1-trifluorobut-3-yn-2-ones and their reactions with N-nucleophiles. <i>Mendeleev Communications</i> , 2014, 24, 342-344.	1.6	13
31	Synthesis of trifluoromethyl alcohols from tert-butoxy-1-(trifluoromethyl)styrenes and trifluoromethylbenzyl ketones under the conditions of the Leuckart-Wallach reaction. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 1052-1055.	1.7	12
32	Mechanistic study of multi-step nucleophilic substitution for trifluoromethylated styrenes. <i>Journal of Fluorine Chemistry</i> , 2011, 132, 945-950.	1.7	12
33	One-Pot Metal-Free Synthesis of 3-CF <sub>3</sub> -1,3-Oxazinopyridines by Reaction of Pyridines with CF <sub>3</sub> CO-Acetylenes. <i>Molecules</i> , 2019, 24, 3594.	3.8	12
34	Synthesis of 1-trifluoromethyl-phenethylamines from 1-trifluoromethyl 2-aryl enamines and 2-chloro-2-(trifluoromethyl)styrenes. <i>Journal of Fluorine Chemistry</i> , 2011, 132, 1247-1253.	1.7	10
35	Dichloro-substituted 1,2-Diazabuta-1,3-dienes as Highly Reactive Electrophiles in the Reaction with Amines and Diamines: Efficient Synthesis of 1-Hydrizo Amidinium Salts. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4996-5006.	2.4	10
36	Organometal-Free Arylation and Arylation/Trifluoroacetylation of Quinolines by Their Reaction with CF <sub>3</sub> -ynones and Base-Induced Rearrangement. <i>Journal of Organic Chemistry</i> , 2020, 85, 9993-10006.	3.2	10

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37	A new synthesis of substituted 2-trifluoromethylindoles. Mendeleev Communications, 2008, 18, 327-328.	1.6	9
38	Reaction of CF <sub>3</sub> -ynones with methyl thioglycolate. Regioselective synthesis of 3-CF <sub>3</sub> -thiophene derivatives. Journal of Fluorine Chemistry, 2018, 214, 13-16.	1.7	9
39	Metal-Free Approach to Zolpidem, Alpidem and their Analogues via Amination of Dibromoalkenes Derived from Imidazopyridine and Imidazothiazole. European Journal of Organic Chemistry, 2019, 2019, 4034-4042.	2.4	9
40	Synthetic Approach to Alkoxy- <sup>2</sup> -(trifluoromethyl)styrenes and Their Application in the Synthesis of New Trifluoromethylated Heterocycles. Synthesis, 2009, 2009, 2249-2259.	2.3	8
41	Assembly of Trifluoromethylated Morpholines through Cascade Reactions of Bromoenones with Secondary Amino Alcohols. European Journal of Organic Chemistry, 2018, 2018, 4202-4210.	2.4	8
42	Synthesis of 2-trifluoromethylated quinolines from CF <sub>3</sub> -alkenes. Organic and Biomolecular Chemistry, 2021, 19, 4303-4319.	2.8	8
43	Chemistry of Fluorinated Pyrroles. , 2014, , 55-115.		7
44	Modular Construction of Functionalized 2-CF <sub>3</sub> -Indoles. Organic Letters, 2021, 23, 5973-5977.	4.6	7
45	Efficient Multigram Approach to Acetylenes and CF <sub>3</sub> -ynones Starting from Dichloroalkenes Prepared by Catalytic Olefination Reaction (COR). European Journal of Organic Chemistry, 2020, 2020, 4161-4166.	2.4	4
46	Trifluoromethylated morpholines condensed with oxetane: Synthesis and transformations. Journal of Fluorine Chemistry, 2019, 227, 109366.	1.7	3
47	An Efficient Approach to 2-CF <sub>3</sub> -Indoles Based on ortho-Nitrobenzaldehydes. Molecules, 2021, 26, 7365.	3.8	3
48	Computational study of the catalytic olefination reaction. Mendeleev Communications, 2014, 24, 340-341.	1.6	2
49	An Efficient Synthesis of 2-CF <sub>3</sub> -3-Benzylindoles. Molecules, 2021, 26, 5084.	3.8	2
50	Application of 1-(3-Bromo-3,3-difluoroprop-1-ynyl)benzenes in Diels-Alder Reactions: Synthesis of ortho-CF <sub>2</sub> -Br-Substituted Biaryls. Synthesis, 2008, 2008, 2899-2904.	2.3	1
51	Chemistry of Fluorinated Indoles. , 2014, , 117-156.		1