

Vasiliy M Muzalevskiy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9372464/publications.pdf>

Version: 2024-02-01

51
papers

1,220
citations

331670

21
h-index

395702

33
g-index

67
all docs

67
docs citations

67
times ranked

1097
citing authors

#	ARTICLE	IF	CITATIONS
1	$\hat{1},\hat{2}$ -Disubstituted CF ₃ -Enones as a Trifluoromethyl Building Block: Regioselective Preparation of Totally Substituted 3-CF ₃ -Pyrazoles. <i>Journal of Organic Chemistry</i> , 2021, 86, 2385-2405.	3.2	22
2	Synthesis of 2-trifluoromethylated quinolines from CF ₃ -alkenes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4303-4319.	2.8	8
3	Modular Construction of Functionalized 2-CF ₃ -Indoles. <i>Organic Letters</i> , 2021, 23, 5973-5977.	4.6	7
4	An Efficient Synthesis of 2-CF ₃ -3-Benzylindoles. <i>Molecules</i> , 2021, 26, 5084.	3.8	2
5	An Efficient Approach to 2-CF ₃ -Indoles Based on ortho-Nitrobenzaldehydes. <i>Molecules</i> , 2021, 26, 7365.	3.8	3
6	Efficient Multigram Approach to Acetylenes and CF ₃ -ynones Starting from Dichloroalkenes Prepared by Catalytic Olefination Reaction (COR). <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4161-4166.	2.4	4
7	Organometal-Free Arylation and Arylation/Trifluoroacetylation of Quinolines by Their Reaction with CF ₃ -ynones and Base-Induced Rearrangement. <i>Journal of Organic Chemistry</i> , 2020, 85, 9993-10006.	3.2	10
8	One-Pot Metal-Free Synthesis of 3-CF ₃ -1,3-Oxazinopyridines by Reaction of Pyridines with CF ₃ CO-Acetylenes. <i>Molecules</i> , 2019, 24, 3594.	3.8	12
9	Trifluoromethylated morpholines condensed with oxetane: Synthesis and transformations. <i>Journal of Fluorine Chemistry</i> , 2019, 227, 109366.	1.7	3
10	Metal-Free Approach to Zolpidem, Alpidem and their Analogues via Amination of Dibromoalkenes Derived from Imidazopyridine and Imidazothiazole. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4034-4042.	2.4	9
11	Organofluorine chemistry: promising growth areas and challenges. <i>Russian Chemical Reviews</i> , 2019, 88, 425-569.	6.5	127
12	Diastereoselective synthesis of CF ₃ -oxazinoquinolines in water. <i>Green Chemistry</i> , 2019, 21, 6353-6360.	9.0	25
13	Mild and Regioselective Synthesis of 3-CF ₃ -Pyrazoles by the AgOTf-Catalysed Reaction of CF ₃ -ynones with Hydrazines. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3750-3755.	2.4	33
14	Reaction of CF ₃ -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
15	Electrophilic halogenation of hydrazones of CF ₃ -ynones. Regioselective synthesis of 4-halo-substituted 3-CF ₃ -pyrazoles. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7935-7946.	2.8	19
16	Reaction of CF ₃ -ynones with methyl thioglycolate. Regioselective synthesis of 3-CF ₃ -thiophene derivatives. <i>Journal of Fluorine Chemistry</i> , 2018, 214, 13-16.	1.7	9
17	Dichloro-Substituted 1,2-Diazabuta-1,3-dienes as Highly Reactive Electrophiles in the Reaction with Amines and Diamines: Efficient Synthesis of $\hat{1},\hat{2}$ -Hydrazo Amidinium Salts. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4996-5006.	2.4	10
18	Assembly of Trifluoromethylated Morpholines through Cascade Reactions of Bromoenones with Secondary Amino Alcohols. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4202-4210.	2.4	8

#	ARTICLE	IF	CITATIONS
19	Radical Nitration-Debromination of $\hat{I}\pm$ -Bromo- $\hat{I}\pm$ -fluoroalkenes as a Stereoselective Route to Aromatic $\hat{I}\pm$ -Fluoronitroalkenesâ€”Functionalized Fluorinated Building Blocks for Organic Synthesis. Journal of Organic Chemistry, 2017, 82, 5274-5284.	3.2	45
20	Copper-Catalyzed Transformation of Hydrazones into Halogenated Azabutadienes, Versatile Building Blocks for Organic Synthesis. ACS Catalysis, 2017, 7, 205-209.	11.2	42
21	Selective, Metal-Free Approach to 3- or 5-CF ₃ -Pyrazoles: Solvent Switchable Reaction of CF ₃ -Ynones with Hydrazines. Journal of Organic Chemistry, 2017, 82, 7200-7214.	3.2	71
22	Oneâ€”Pot, Atom and Step Economy (PASE) Assembly of Trifluoromethylated Pyrimidines from CF ₃ -Ynones. European Journal of Organic Chemistry, 2017, 2017, 4121-4129.	2.4	23
23	Superacidâ€”Promoted Synthesis of CF ₃ -Indenes Using Brominated CF ₃ -Enones. European Journal of Organic Chemistry, 2017, 2017, 5632-5643.	2.4	25
24	Domino Assembly of Trifluoromethylated N,O-Heterocycles by the Reaction of Fluorinated $\hat{I}\pm$ -Bromoenones with Amino Alcohols. Journal of Organic Chemistry, 2016, 81, 10029-10034.	3.2	20
25	Polyfluorinated Ethanes as Versatile Fluorinated C2-Building Blocks for Organic Synthesis. Chemical Reviews, 2015, 115, 973-1050.	47.7	127
26	Reactions of CF ₃ -enones with arenes under superelectrophilic activation: a pathway to trans-1,3-diaryl-1-CF ₃ -indanes, new cannabinoid receptor ligands. Organic and Biomolecular Chemistry, 2015, 13, 8827-8842.	2.8	33
27	Synthesis of 1,1,1-trifluorobut-3-yn-2-ones and their reactions with N-nucleophiles. Mendelevov Communications, 2014, 24, 342-344.	1.6	13
28	Computational study of the catalytic olefination reaction. Mendelevov Communications, 2014, 24, 340-341.	1.6	2
29	Chemistry of Fluorinated Pyrroles. , 2014, , 55-115.		7
30	Trifluoromethylated allyl alcohols: acid-promoted reactions with arenes and unusual â€”dimerizationâ€™. Tetrahedron Letters, 2014, 55, 6851-6855.	1.4	15
31	Synthesis of trifluoromethylated [1,4]diazepines from 1,1,1-trifluoroalk-3-yn-2-ones. Mendelevov Communications, 2014, 24, 269-271.	1.6	19
32	Chemistry of Fluorinated Indoles. , 2014, , 117-156.		1
33	Regiocontrolled Hydroarylation of (Trifluoromethyl)acetylenes in Superacids: Synthesis of CF ₃ -Substituted 1,1â€”Diarylethenes. European Journal of Organic Chemistry, 2013, 2013, 1132-1143.	2.4	21
34	Reaction of $\hat{I}\pm$ -Bromo Enones with 1,2-Diamines. Cascade Assembly of 3-(Trifluoromethyl)piperazin-2-ones via Rearrangement. Organic Letters, 2013, 15, 2726-2729.	4.6	33
35	Synthesis and Properties of Fluoropyrroles and Their Analogues. Synthesis, 2012, 44, 2115-2137.	2.3	22
36	Regioselective synthesis of 5-trifluoromethyl-1,2,3-triazoles via CF ₃ -directed cyclization of 1-trifluoromethyl-1,3-dicarbonyl compounds with azides. Tetrahedron, 2012, 68, 614-618.	1.9	43

#	ARTICLE	IF	CITATIONS
37	Synthesis of $\hat{1}\pm$ -trifluoromethyl-phenethylamines from $\hat{1}\pm$ -trifluoromethyl $\hat{1}^2$ -aryl enamines and $\hat{1}^2$ -chloro- $\hat{1}^2$ -(trifluoromethyl)styrenes. Journal of Fluorine Chemistry, 2011, 132, 1247-1253.	1.7	10
38	Mechanistic study of multi-step nucleophilic substitution for trifluoromethylated styrenes. Journal of Fluorine Chemistry, 2011, 132, 945-950.	1.7	12
39	Fragmentation of Trifluoromethylated Alkenes and Acetylenes by N,N-Binucleophiles. Synthesis of Imidazolines or Imidazolidines (Oxazolidines) Controlled by Substituent. Journal of Organic Chemistry, 2010, 75, 5679-5688.	3.2	39
40	A Cascade Approach to Captodative Trifluoromethylated Enamines or Vinylogous Guanidinium Salts: Aromatic Substituents as Switches of Reaction Direction. European Journal of Organic Chemistry, 2010, 2010, 300-310.	2.4	24
41	Novel efficient synthesis of $\hat{1}^2$ -fluoro- $\hat{1}^2$ -(trifluoromethyl)styrenes. Journal of Fluorine Chemistry, 2010, 131, 384-388.	1.7	29
42	Cu and Au nanocomposites in catalytic olefination reaction. Mendelev Communications, 2010, 20, 200-202.	1.6	14
43	Synthesis of Trifluoromethyl Pyrroles and Their Benzo Analogues. Synthesis, 2009, 2009, 3905-3929.	2.3	36
44	Synthetic Approach to Alkoxy- $\hat{1}^2$ -(trifluoromethyl)styrenes and Their Application in the Synthesis of New Trifluoromethylated Heterocycles. Synthesis, 2009, 2009, 2249-2259.	2.3	8
45	Selective synthesis of $\hat{1}\pm$ -trifluoromethyl- $\hat{1}^2$ -aryl enamines or vinylogous guanidinium salts by treatment of $\hat{1}^2$ -halo- $\hat{1}^2$ -trifluoromethylstyrenes with secondary amines under different conditions. Tetrahedron, 2009, 65, 6991-7000.	1.9	37
46	$\hat{1}\pm$ -Trifluoromethyl- $\hat{1}^2$ -aryl enamines in the synthesis of trifluoromethylated heterocycles by the Fischer and the Pictet-Spengler reactions. Tetrahedron, 2009, 65, 7553-7561.	1.9	43
47	Synthesis of trifluoromethyl alcohols from tert-butoxy- $\hat{1}^2$ -(trifluoromethyl)styrenes and trifluoromethylbenzyl ketones under the conditions of the Leuckart-Wallach reaction. Journal of Fluorine Chemistry, 2008, 129, 1052-1055.	1.7	12
48	A new synthesis of substituted 2-trifluoromethylindoles. Mendelev Communications, 2008, 18, 327-328.	1.6	9
49	New synthetic approach to $\hat{1}\pm$ -fluoro- $\hat{1}^2$ -arylvinyl sulfones and their application in Diels-Alder reactions. Tetrahedron, 2008, 64, 9725-9732.	1.9	28
50	Application of 1-(3-Bromo-3,3-difluoroprop-1-ynyl)benzenes in Diels-Alder Reactions: Synthesis of <i>ortho</i> -CF ₂ Br-Substituted Biaryls. Synthesis, 2008, 2008, 2899-2904.	2.3	1
51	Synthesis and Diels-Alder reactions of $\hat{1}\pm$ -fluoro- and $\hat{1}\pm$ -trifluoromethylacrylonitriles. Journal of Fluorine Chemistry, 2007, 128, 818-826.	1.7	26