Vitalij V Levin

List of Publications by Year
in descending order

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88	2,683	147801	214800
papers	citations	31 h-index	47 g-index

121	121	121	1542
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Organophotoredox-Catalyzed Reductive Tetrafluoroalkylation of Alkenes. Journal of Organic Chemistry, 2023, 88, 6523-6531.	3.2	4
2	Photocatalyzed Decarboxylative Thiolation of Carboxylic Acids Enabled by Fluorinated Disulfide. Organic Letters, 2022, 24, 2354-2358.	4.6	21
3	Allylic substitution reactions with fluorinated nucleophiles. Coordination Chemistry Reviews, 2022, 459, 214455.	18.8	1
4	Using the Thiyl Radical for Aliphatic Hydrogenâ€Atom Transfer: Thiolation of Unactivated Câ^'H Bonds. Angewandte Chemie - International Edition, 2021, 60, 2849-2854.	13.8	50
5	Using the Thiyl Radical for Aliphatic Hydrogenâ€Atom Transfer: Thiolation of Unactivated Câ^'H Bonds. Angewandte Chemie, 2021, 133, 2885-2890.	2.0	7
6	Alkene homologation via visible light promoted hydrophosphination using triphenylphosphonium triflate. Chemical Communications, 2021, 57, 749-752.	4.1	7
7	Photoredox Fluoroalkylation of Hydrazones in Neutral and Reductive Modes. Advanced Synthesis and Catalysis, 2021, 363, 1152-1158.	4.3	19
8	Atom-transfer radical addition of fluoroalkyl bromides to alkenes via a photoredox/copper catalytic system. Chemical Communications, 2021, 57, 5219-5222.	4.1	15
9	Synthesis of Trifluoromethylated Dithiocarbamates via Photocatalyzed Substitution Reaction: Pentafluoropyridine as Activating Reagent. European Journal of Organic Chemistry, 2021, 2021, 1007-1010.	2.4	7
10	Generation of Alkyl Radicals from Thiols via Zinc Thiolates: Application for the Synthesis of gemâ€Difluorostyrenes. Advanced Synthesis and Catalysis, 2021, 363, 2888-2892.	4.3	22
11	Photoredox Catalyzed Dealkylative Aromatic Halogen Substitution with Tertiary Amines. Molecules, 2021, 26, 3323.	3.8	2
12	Photocatalytic Atomâ€Transfer Radical Addition of Activated Chlorides to Alkenes. Advanced Synthesis and Catalysis, 2021, 363, 5336-5340.	4.3	8
13	One-pot synthesis of Î±-trifluoromethylstyrenes from aryl ketones and the Ruppertâ€“Prakash reagent. Mendeleev Communications, 2021, 31, 684-685.	1.6	4
14	Boron Chelates Derived from N-Acylhydrazones as Radical Acceptors: Photocatalyzed Coupling of Hydrazones with Carboxylic Acids. Organic Letters, 2021, 23, 8973-8977.	4.6	18
15	Photoredox Activation of Organozinc Reagents: Barbier-Type Reaction of Alkyl Halides with Î±-(Trifluoromethyl)styrenes. Organic Letters, 2021, 23, 9645-9648.	4.6	15
16	A novel photoredox-active group for the generation of fluorinated radicals from difluorostyrenes. Chemical Science, 2020, 11, 737-741.	7.4	67
17	Photoredox Fluoroalkylation of Arylidene and Alkylidene Amidrazones. European Journal of Organic Chemistry, 2020, 2020, 393-396.	2.4	10
18	Photoredox-catalyzed silyldifluoromethylation of silyl enol ethers. Beilstein Journal of Organic Chemistry, 2020, 16, 1550-1553.	2.2	3

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19	Fluoroalkyl sulfides as photoredox-active coupling reagents for alkene difunctionalization. Chemical Communications, 2020, 56, 9453-9456.	4.1	31
20	Visible-Light-Promoted Iododifluoromethylation of Alkenes via (Phosphonio)difluoromethyl Radical Cation. Organic Letters, 2020, 22, 2409-2413.	4.6	25
21	Light-Mediated Dual Phosphine-/Copper-Catalyzed Atom Transfer Radical Addition Reaction. Journal of Organic Chemistry, 2019, 84, 11068-11079.	3.2	26
22	Photoredox Reaction of 2-Mercaptothiazolinium Salts with Silyl Enol Ethers. Journal of Organic Chemistry, 2019, 84, 15745-15753.	3.2	11
23	Light-mediated copper-catalyzed phosphorus/halogen exchange in 1,1-difluoroalkylphosphonium salts. Chemical Communications, 2019, 55, 1314-1317.	4.1	23
24	Visible-Light-Mediated Organocatalyzed Thiolâ€“Ene Reaction Initiated by a Proton-Coupled Electron Transfer. Journal of Organic Chemistry, 2019, 84, 8337-8343.	3.2	26
25	Radical Addition to N-Tosylimines via Câ€“H Activation Induced by Decatungstate Photocatalyst. Organic Letters, 2019, 21, 4271-4274.	4.6	56
26	Reductive Bromodifluoromethylation of Nitrones Promoted by Visible Light. European Journal of Organic Chemistry, 2019, 2019, 4119-4122.	2.4	12
27	Interaction of difluoromethylene phosphobetaine with heteroatom-centered electrophiles. Journal of Fluorine Chemistry, 2019, 220, 78-82.	1.7	10
28	Difluorocarbene as a Building Block for Consecutive Bond-Forming Reactions. Accounts of Chemical Research, 2018, 51, 1272-1280.	15.6	187
29	Photocatalytic Reductive Fluoroalkylation of Nitrones. Organic Letters, 2018, 20, 840-843.	4.6	38
30	Reductive silylation of gem-difluorinated phosphonium salts. Journal of Fluorine Chemistry, 2018, 205, 58-61.	1.7	5
31	Copper-Catalyzed Coupling of Acyl Chlorides with gem-Difluorinated Organozinc Reagents via Acyl Dithiocarbamates. Journal of Organic Chemistry, 2018, 83, 478-483.	3.2	18
32	Photoredox mediated annelation of iododifluoromethylated alcohols with 1,1-diarylethylenes. Tetrahedron, 2018, 74, 7136-7142.	1.9	7
33	Dimerization of Benzyl and Allyl Halides via Photoredox-Mediated Disproportionation of Organozinc Reagents. Synthesis, 2018, 50, 2930-2935.	2.3	14
34	Visible Light Promoted 2â€Bromotetrafluoroethylation of Nitrones. Advanced Synthesis and Catalysis, 2018, 360, 3788-3792.	4.3	10
35	Visible light-mediated difluoroalkylation of electron-deficient alkenes. Beilstein Journal of Organic Chemistry, 2018, 14, 1637-1641.	2.2	14
36	Interaction of gemâ€Difluorinated Iodides with Silyl Enol Ethers Mediated by Photoredox Catalysis. Advanced Synthesis and Catalysis, 2017, 359, 3063-3067.	4.3	30

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37	Radical Silyldifluoromethylation of Electron-Deficient Alkenes. Organic Letters, 2017, 19, 3215-3218.	4.6	39
38	Coupling of N -acyliminium chlorides with gem -difluorinated organozinc reagents. Mendeleev Communications, 2017, 27, 139-140.	1.6	7
39	Synthesis of 3-Fluoroindoles via Photoredox Catalysis. Journal of Organic Chemistry, 2017, 82, 745-753.	3.2	36
40	Organic and hybrid systems: from science to practice. Mendeleev Communications, 2017, 27, 425-438.	1.6	86
41	Difluoromethylation of Carboxylic Acids via the Addition of Difluorinated Phosphorus Ylide to Acyl Chlorides. Organic Letters, 2017, 19, 5304-5307.	4.6	46
42	Synthesis of 3-Fluoropyridines via Photoredox-Mediated Coupling of Î±,Î±-Difluoro-Î²-iodoketones with Silyl Enol Ethers. Journal of Organic Chemistry, 2017, 82, 12967-12974.	3.2	32
43	Synthesis of difluorosubstituted six-membered nitronates via an addition/substitution cascade. Tetrahedron Letters, 2016, 57, 3639-3642.	1.4	10
44	Advances in the chemistry of organozinc reagents. Tetrahedron Letters, 2016, 57, 3986-3992.	1.4	31
45	Coupling of gem -difluorinated organozinc reagents with S-electrophiles. Journal of Fluorine Chemistry, 2016, 191, 143-148.	1.7	16
46	Nucleophilic Difluoromethylation Using (Bromodifluoromethyl)trimethylsilane. Organic Letters, 2016, 18, 3458-3461.	4.6	53
47	Reactions of gem-Difluorinated Phosphonium Salts Induced by Light. Organic Letters, 2016, 18, 996-999.	4.6	82
48	Coupling of Î±,Î±-difluoro-substituted organozinc reagents with 1-bromoalkynes. Beilstein Journal of Organic Chemistry, 2015, 11, 2145-2149.	2.2	17
49	Nucleophilic difluoro(trimethylsilyl)methylation of arylidene Meldrum's acids. Journal of Fluorine Chemistry, 2015, 176, 57-60.	1.7	13
50	Difluorohomologation of Ketones. Organic Letters, 2015, 17, 760-763.	4.6	70
51	Reaction of gem-difluorinated organozinc reagents with Î²-nitrostyrenes. Journal of Fluorine Chemistry, 2015, 176, 89-92.	1.7	16
52	Synthesis of organofluorine compounds using Î±-fluorine-substituted silicon reagents. Mendeleev Communications, 2015, 25, 239-244.	1.6	35
53	Halogenative Difluorohomologation of Ketones. Journal of Organic Chemistry, 2015, 80, 5870-5876.	3.2	51
54	Nucleophilic Iododifluoromethylation of Aldehydes Using Bromine/Iodine Exchange. Journal of Organic Chemistry, 2015, 80, 9349-9353.	3.2	24

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55	Reactions of organozinc reagents with potassium bromodifluoroacetate. Journal of Fluorine Chemistry, 2015, 171, 97-101.	1.7	35
56	Difluoromethylene Phosphabetaine as an Equivalent of Difluoromethyl Carbanion. Organic Letters, 2014, 16, 6256-6259.	4.6	93
57	Geminal Silicon/Zinc Reagent as an Equivalent of Difluoromethylene Bis-carbanion. Organic Letters, 2014, 16, 1438-1441.	4.6	47
58	Copper-Catalyzed Allylation of Î±,Î±-Difluoro-Substituted Organozinc Reagents. Journal of Organic Chemistry, 2014, 79, 818-822.	3.2	52
59	Nucleophilic Bromodifluoromethylation of Iminium Ions. Journal of Organic Chemistry, 2014, 79, 7831-7835.	3.2	59
60	Nucleophilic Bromo- and Iododifluoromethylation of Aldehydes. Organic Letters, 2014, 16, 3784-3787.	4.6	61
61	Nucleophilic fluoroalkylation of (bromomethyl)pinacolborane using silicon reagents. Journal of Fluorine Chemistry, 2013, 154, 43-46.	1.7	23
62	Reactions of Difluorocarbene with Organozinc Reagents. Organic Letters, 2013, 15, 917-919.	4.6	112
63	Nucleophilic Pentafluorophenylation of Nitroalkenes. Synthesis, 2012, 44, 2436-2440.	2.3	8
64	Three-component reactions of CF3-substituted boranes, ethyl diazoacetate and imines. Tetrahedron Letters, 2012, 53, 6216-6218.	1.4	7
65	Difluoro(trimethylsilyl)acetonitrile: Synthesis and Fluoroalkylation Reactions. Journal of Organic Chemistry, 2012, 77, 5850-5855.	3.2	63
66	Reactions of CF3-substituted boranes with Î±-diazocarbonyl compounds. Tetrahedron Letters, 2011, 52, 5259-5263.	1.4	29
67	Nucleophilic Trifluoromethylation of C=N Bonds. European Journal of Organic Chemistry, 2011, 2011, 831-841.	2.4	125
68	Reactions of fluorinated silanes with 2-nitrocinnamates. Journal of Fluorine Chemistry, 2011, 132, 378-381.	1.7	19
69	Nucleophilic trifluoromethylation with organoboron reagents. Tetrahedron Letters, 2011, 52, 281-284.	1.4	40
70	Reaction of Baylisâ€“Hillman Adducts with Fluorinated Silanes. European Journal of Organic Chemistry, 2010, 2010, 6779-6785.	2.4	24
71	Trifluoromethylation of enamines under acidic conditions. Tetrahedron Letters, 2009, 50, 2994-2997.	1.4	30
72	Nucleophilic trifluoromethylation of arylidene Meldrumâ€™s acids. Tetrahedron Letters, 2009, 50, 2998-3000.	1.4	38

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73	Reaction of the Ruppertâ€“Prakash reagent with perfluorosulfonic acids. Journal of Fluorine Chemistry, 2009, 130, 667-670.	1.7	21
74	Nucleophilic Trifluoromethylation of Imines under Acidic Conditions. European Journal of Organic Chemistry, 2008, 2008, 5226-5230.	2.4	66
75	Complexation of tris(pentafluorophenyl)silanes with neutral Lewis bases. Journal of Organometallic Chemistry, 2008, 693, 1005-1019.	1.8	19
76	Nucleophilic fluoroalkylation of iminium salts. Tetrahedron Letters, 2008, 49, 3108-3111.	1.4	36
77	Nucleophilic trifluoromethylation of arylidenemalononitriles. Tetrahedron Letters, 2008, 49, 4352-4354.	1.4	36
78	Trifluoromethylation of N-Benzoylhydrazones. Journal of Organic Chemistry, 2008, 73, 5643-5646.	3.2	40
79	Trifluoromethylation of Salicyl Aldiminesâ€. Journal of Organic Chemistry, 2007, 72, 8604-8607.	3.2	30
80	Pentafluorophenylation of Î²-aminoacrylates. Mendeleev Communications, 2007, 17, 105-107.	1.6	8
81	Activation of Pentafluorophenylsilanes by Weak Lewis Bases in Reaction with Iminium Cations. Journal of Organic Chemistry, 2006, 71, 7214-7223.	3.2	26
82	Chloride ion promoted nucleophilic pentafluorophenylation of imines. Tetrahedron Letters, 2006, 47, 8959-8963.	1.4	14
83	Synthesis of C6F5-Substituted Amines Containing Quaternary Carbon Atoms. Synthesis, 2006, 2006, 447-450.	2.3	14
84	Synthesis of C6F5-Substituted Aminoethanols via Acetate Ion Mediated C6F5-Group Transfer Reaction. Synthesis, 2006, 2006, 489-495.	2.3	1
85	On the interaction of silyl triflates with enamines: iminium ion formation versus silylation. Tetrahedron Letters, 2005, 46, 3729-3732.	1.4	6
86	Tris(pentafluorophenyl)silyl Triflate: Synthesis and Silylation of Carbonyl Compounds.. ChemInform, 2005, 36, no.	0.0	0
87	Interaction of Silyl Triflates with Enamines: Iminium Ion Formation versus Silylation.. ChemInform, 2005, 36, no.	0.0	0
88	Tris(pentafluorophenyl)silyl Triflate: Synthesis and Silylation of Carbonyl Compounds. European Journal of Organic Chemistry, 2004, 2004, 5141-5148.	2.4	14