MieczysÅ‚aw MÄkosza

List of Publications by Year
in descending order

160 papers	4,673 citations	109321 35 h-index	128289 60 g-index
175 all docs	175 docs citations	175 times ranked	2151 citing authors

#	Article	IF	Citations
1	Vicarious nucleophilic substitution of hydrogen. Accounts of Chemical Research, 1987, 20, 282-289.	15.6	333
2	Nucleophilic Substitution of Hydrogen in Heterocyclic Chemistry. Chemical Reviews, 2004, 104, 2631-2666.	47.7	323
3	Nucleophilic substitution of hydrogen in electron-deficient arenes, a general process of great practical value. Chemical Society Reviews, 2010, 39, 2855.	38.1	214
4	Phase-transfer catalysis. A general green methodology in organic synthesis. Pure and Applied Chemistry, 2000, 72, 1399-1403.	1.9	198
5	Reactions of organic anions. Part 109. Vicarious nucleophilic substitution of hydrogen in nitroarenes with carbanions of .alpha.-haloalkyl phenyl sulfones. Journal of Organic Chemistry, 1984, 49, 1488-1494.	3.2	103
6	Phase Transfer Catalysis. Catalysis Reviews - Science and Engineering, 2003, 45, 321-367.	12.9	96
7	â€œVicariousâ€•nucleophilic substitution of hydrogen in aromatic nitro compounds. Tetrahedron Letters, 1978, 19, 3495-3498.	1.4	76
8	Reactions of Nucleophiles with Nitroarenes: Multifacial and Versatile Electrophiles. Chemistry - A European Journal, 2014, 20, 5536-5545.	3.3	76
9	Vicarious Nucleophilic Substitution of Hydrogen in the Chemistry of Heterocyclic Compounds. Synthesis, 1991, 1991, 103-111.	2.3	73
10	How Does Nucleophilic Aromatic Substitution Really Proceed in Nitroarenes? Computational Prediction and Experimental Verification. Journal of the American Chemical Society, 2016, 138, 7276-7281.	13.7	72
11	Oxidative Nucleophilic Substitution of Hydrogen in Nitroarenes. Chemistry - A European Journal, 1997, 3, 2025-2031.	3.3	71
12	Vicarious nucleophilic substitution of hydrogen. Mechanism and orientation. Journal of Physical Organic Chemistry, 1998, 11, 341-349.	1.9	66
13	Nucleophilic Substitution of Hydrogen in Nitroarenes: A New Chapter of Aromatic Chemistry. Synthesis, 2011, 2011, 2341-2356.	2.3	65
14	Hydroxylation of Nitroarenes with Alkyl Hydroperoxide Anions via Vicarious Nucleophilic Substitution of Hydrogen. Journal of Organic Chemistry, 1998, 63, 4199-4208.	3.2	64
15	Reaction of organic anions. Part 108. On the mechanism of the vicarious nucleophilic substitution of hydrogen in nitroarenes. Journal of Organic Chemistry, 1983, 48, 3860-3861.	3.2	63
16	Reactions of organic anions. Part 110. Vicarious nucleophilic substitution of hydrogen in nitroarenes with .alpha.-substituted nitriles and esters. Direct .alpha.-cyanoalkylation and .alpha.-carbalkoxyalkylation of nitroarenes. Journal of Organic Chemistry, 1984, 49, 1494-1499.	3.2	62
17	Reactions of organic anions. 194. Amination of nitroarenes with sulfenamides via vicarious nucleophilic substitution of hydrogen. Journal of Organic Chemistry, 1992, 57, 4784-4785.	3.2	61
18	Hydroxylation of nitroarenes with alkylhydroperoxide anions via vicarious nucleophilic substitution of hydrogen. Journal of Organic Chemistry, 1990, 55, 4979-4981.	3.2	57

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19	Synthesis of Trifluoromethylated Azines via Nucleophilic Oxidative Substitution of Hydrogen by Trifluoromethyl Carbanions. Journal of Organic Chemistry, 2007, 72, 5574-5580.	3.2	57
20	Elucidation of the Vicarious Nucleophilic Substitution of Hydrogen Mechanism via Studies of Competition between Substitution of Hydrogen, Deuterium, and Fluorine. Journal of Organic Chemistry, 2002, 67, 394-400.	3.2	56
21	Catalysis in Two-Phase Systems: Phase Transfer and Related Phenomena. Advances in Catalysis, 1987, 35, 375-422.	0.2	54
22	Synthesis of Î±-Trifluoromethyl-Î²-lactams and Esters of Î²-Amino Acids via 1,3-Dipolar Cycloaddition of Nitrones to Fluoroalkenes. Journal of Organic Chemistry, 2008, 73, 5436-5441.	3.2	54
23	Nucleophilic Aromatic Substitution of Hydrogen as a Tool for the Synthesis of Indole and Quinoline Derivatives. Heterocycles, 2001, 54, 445.	0.7	52
24	Vicarious nucleophilic substitution of hydrogen in nitroderivatives of five-membered heteroaromatic compounds. Tetrahedron, 1995, 51, 8339-8354.	1.9	44
25	Reactions of organic anions XVI. Catalytic nitroarylation of phenylacetonitrile derivatives in aqueous medium.. Tetrahedron Letters, 1969, 10, 673-676.	1.4	43
26	Ï*f*-Complex formation and oxidative nucleophilic aromatic substitution in 4-nitro-2,1,3-benzoxadiazoles. Organic and Biomolecular Chemistry, 2003, 1, 2192-2199.	2.8	43
27	Synthesis of Perfluoroalkyl-Substituted Azines via Nucleophilic Substitution of Hydrogen with Perfluoroisopropyl Carbanions. Journal of Organic Chemistry, 2007, 72, 1354-1365.	3.2	42
28	Intermolecular Reactions of Chlorohydrine Anions:â€‰ Acetalization of Carbonyl Compounds under Basic Conditions. Organic Letters, 2006, 8, 3745-3748.	4.6	41
29	Direct Observation of the Intermediate in Vicarious Nucleophilic Substitutions of Hydrogen. Angewandte Chemie - International Edition, 2003, 42, 2793-2795.	13.8	40
30	Substituent Effects on the Electrophilic Activity of Nitroarenes in Reactions with Carbanions. Chemistry - A European Journal, 2008, 14, 11113-11122.	3.3	40
31	A Facile Synthesis of 3-Sulfonyl-Substituted Indole Derivatives. Synthesis, 1986, 1986, 651-653.	2.3	39
32	Alkylation of nitroarenes with Grignard reagents via oxidative nucleophilic substitution of hydrogen. Journal of Organometallic Chemistry, 2001, 624, 167-171.	1.8	39
33	Direct introduction of acetylene moieties into azines by methodology. Tetrahedron Letters, 2009, 50, 1444-1446.	1.4	39
34	Synthesis of 4- and 6-substituted nitroindoles. Tetrahedron, 2004, 60, 347-358.	1.9	38
35	Reactions of Nitroheteroarenes with Carbanions: Bridging Aromatic, Heteroaromatic, and Vinylic Electrophilicity. Chemistry - A European Journal, 2008, 14, 6108-6118.	3.3	38
36	Reactions of 1,2,4â€triazines with nitromethide ion. A convenient method of preparation of 1,2,4â€triazinâ€5â€ylcarbaldehyde oximes and their synthetic applications. Journal of Heterocyclic Chemistry, 1996, 33, 1567-1571.	2.6	37

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37	New Synthesis of 2â€Heteroarylperfluoropropionic Acids Derivatives by Reaction of Azine Nâ€Oxides with Hexafluoropropene. Chemistry - A European Journal, 2008, 14, 2577-2589.	3.3	37
38	Two-Phase Reactions in Organic Chemistry. Survey of Progress in Chemistry, 1980, 9, 1-53.	0.3	35
39	Reactions of organic anions, 139. Vicarious nucleophilic substitution of hydrogen in 1,2,4â€triazine derivatives. Liebigs Annalen Der Chemie, 1988, 1988, 627-631.	0.8	35
40	On the Mechanism of the Dimethyldioxirane Oxidation of ÏƒHAdducts (Meisenheimer Complexes) Generated from Nitroarenes and Carbanions. Journal of Organic Chemistry, 2000, 65, 1099-1101.	3.2	35
41	Nucleophilic Substitution of Hydrogen in Arenes and Heteroarenes. Topics in Heterocyclic Chemistry, 2013, , 51-105.	0.2	34
42	Alkylation and the Knoevenagel Condensation of Nitrobenzylic Sulfones and Nitriles.¹. Synthetic Communications, 1986, 16, 419-423.	2.1	33
43	Synthesis of Benzosultams via Intramolecular Vicarious Nucleophilic Substitution of Hydrogen. Synthesis, 1992, 1992, 571-576.	2.3	33
44	Reaction of organic anions. 96. Vicarious substitution of hydrogen in aromatic nitro compounds with acetonitrile derivatives. Journal of Organic Chemistry, 1980, 45, 1534-1535.	3.2	32
45	Reactions of organic anions. 120. Vicarious nucleophilic substitution of hydrogen in nitrophenols and polynitroarenes. Examples of nucleophilic addition to nitrocyclohexadienonenitronate anions. Journal of Organic Chemistry, 1984, 49, 4562-4563.	3.2	32
46	Stereochemical control of the interfacial darzens condensation. Journal of the Chemical Society Chemical Communications, 1977, , 902-903.	2.0	30
47	Synthesis of Î±-(Nitroaryl)benzylphosphonates via Oxidative Nucleophilic Substitution of Hydrogen in Nitroarenes. Journal of Organic Chemistry, 2009, 74, 3827-3832.	3.2	30
48	1986, 1986, 69-77.	0.8	28
49	Reactions of Organic Anions, 177. Vicarious Nucleophilic Substitution of Hydrogen, Bisannulation and Competitive Reactions of Î±â€Haloalkyl Carbanions with Bicyclic Azaaromatic Compounds. Chemische Berichte, 1991, 124, 577-585.	0.2	28
50	A novel method of indole ring system construction: One-pot synthesis of 4- and 6- nitroindole derivatives via base promoted reaction between 3-nitroaniline and ketones. Tetrahedron Letters, 1999, 40, 5395-5398.	1.4	28
51	Direct Nucleophilic Addition versus a Single-Electron Transfer Pathway ofÏƒH Adduct Formation in Vicarious Nucleophilic Substitution of Hydrogen. European Journal of Organic Chemistry, 2004, 2004, 2125-2130.	2.4	28
52	Synthesis of Heterocycles via Nucleophilic Substitution of Hydrogen in Nitroarenes. Heterocycles, 2014, 88, 75.	0.7	28
53	How Does Nucleophilic Aromatic Substitution in Nitroarenes Really Proceed: General Mechanism. Synthesis, 2017, 49, 3247-3254.	2.3	27
54	New Simple Synthesis of N-Hydroxy 2-Vinylindoles. Synlett, 1993, 1993, 597-598.	1.8	26

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55	Synthesis of 7,8-Dimethoxy-2-oxo-1,3,4,5-tetrahydropyrrolo[4,3,2-de]quinoline: A Key Intermediate en Route to Makaluvamines, Discorhabdin C and Other Marine Alkaloids of this Group via Vicarious Nucleophilic Substitution of Hydrogen. Synthesis, 1997, 1997, 1131-1133.	2.3	26
56	Azole, 26. Stellvertretende nucleophile Substitution von Wasserstoff in Nitropyrazolderivaten. Liebigs Annalen Der Chemie, 1989, 1989, 545-549.	0.8	25
57	Adsorption at the liquid-liquid interface: An important factor in phase-transfer catalysis. Journal of Physical Organic Chemistry, 1993, 6, 412-420.	1.9	25
58	Does the Nucleophilic Substitution of Halogen in o- and p-Halonitrobenzenes with Cyanoacetate Carbanions Proceed via Single Electron Transfer and a Nonchain Radical Process?. Journal of Organic Chemistry, 1994, 59, 6796-6799.	3.2	25
59	Simple method for the introduction of tetrafluoroethyl substituents into nitrogen heterocycles. Mendeleev Communications, 2006, 16, 161-163.	1.6	25
60	Oxidative nucleophilic substitution of hydrogen in nitroarenes with phenylacetic acid derivatives. Tetrahedron, 2005, 61, 11952-11964.	1.9	24
61	The synthesis of 1H-, 3H-, and 5H-2-benzazepine derivatives in the reaction of bicyclic aromatic nitro compounds with dimethyl phosphite and amines in the basic conditions. Journal of Organic Chemistry, 1991, 56, 1283-1286.	3.2	23
62	Vicarious nucleophilic substitution of hydrogen to the nitro group by tertiary carbanions of Î±-chloroalkyl phenyl sulphones1. Tetrahedron, 1988, 44, 209-213.	1.9	22
63	Enantioselective Synthesis of (R)-Î±-(p-Nitroaryl)prolines via Oxidative Nucleophilic Substitution of Hydrogen in Nitroarenes. Synlett, 2008, 2008, 1711-1713.	1.8	22
64	Vicarious Nucleophilic Substitution of Hydrogen in 5- and 6-Nitroindole Derivatives. Synthesis, 1989, 1989, 106-109.	2.3	21
65	Vicarious Nucleophilic Substitution of Hydrogen in Nitroarenes by Carbanions of Alkyl Dichloroacetates. Some New Transformations of Chloro(nitroaryl)acetates. Synthesis, 1990, 1990, 850-852.	2.3	21
66	Effect of base concentration on the rate of the vicarious nucleophilic substitution of hydrogen and on the kinetic isotope effect. Tetrahedron Letters, 1999, 40, 7541-7544.	1.4	20
67	Cocatalysis in Phase-Transfer Catalysed Base Induced Î²-Elimination. Model Studies of Dehydrobromination of Bromocyclohexane. Tetrahedron, 2000, 56, 3553-3558.	1.9	20
68	Electrophilic and Nucleophilic Aromatic Substitutions are Mechanistically Similar with Opposite Polarity. Chemistry - A European Journal, 2020, 26, 15346-15353.	3.3	20
69	Oxidative nucleophilic substitution of hydrogen in nitroarenes with trifluoromethyl carbanions. Synthesis of trifluoromethyl phenols. Tetrahedron, 2004, 60, 5019-5024.	1.9	19
70	Synthesis of Diphenyl(nitroaryl)phosphine Oxides via Oxidative Nucleophilic Substitution of Hydrogen in Nitroarenes with Diphenylphosphine Anion. Synlett, 2008, 2008, 2938-2940.	1.8	19
71	Reactions of Nitroarylmethyl Phenyl Sulfones with Diethyl Maleate and Fumarate. A New, Simple Synthesis of Quinoline-2,3-dicarboxylic Acid Derivatives.. Acta Chemica Scandinavica, 1992, 46, 689-691.	0.7	19
72	Configurational assignments of oximes derived from 5â€formyl and 5â€acylâ€1,2,4â€triazines. Journal of Heterocyclic Chemistry, 1993, 30, 413-418.	2.6	18

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73	New Synthesis of Substituted QuinolineN-Oxides via Cyclization of Alkylideneo-Nitroarylacetonitriles. Synthesis, 1993, 1993, 31-32.	2.3	18
74	Vicarious nucleophilic substitution of hydrogen (VNS) in 1,4-naphthoquinone derivativesâ€"competition between VNS and vinylic nucleophilic substitution (SNV). Tetrahedron, 2001, 57, 9615-9621.	1.9	18
75	Oxidative Nucleophilic Substitution of Hydrogen in Nitroarenes with Carbanions of Protected Serine and Threonine Esters. European Journal of Organic Chemistry, 2010, 2010, 4218-4226.	2.4	18
76	Stereochemical control of the interfacial cyclopropane derivatives formation. Tetrahedron Letters, 1979, 20, 541-544.	1.4	17
77	Oxidative nucleophilic substitution of hydrogen in nitrobenzene with 2-phenylpropionitrile carbanion and potassium permanganate oxidant. Chemical Communications, 1996, , 837-838.	4.1	17
78	Synthesis of Substituted Nitrooxindoles via Intramolecular Oxidative Nucleophilic Substitution of Hydrogen inm-Nitroacylanilides. Synthesis, 2002, 2002, 2203-2206.	2.3	17
79	Cocatalysis by tetravalent tin compounds in phase-transfer catalyzed fluorination of alkyl halides and sulfonates. Tetrahedron Letters, 2002, 43, 2761-2763.	1.4	17
80	A new type of phase-transfer catalysis via continuous transfer of fluoride anions to the organic phase in the form of potassium difluorotriphenylstannate. Tetrahedron Letters, 2004, 45, 1385-1386.	1.4	17
81	New Synthesis of Pyrrolidinesvia Reaction ofÎ³-Halocarbanions with Imines. Helvetica Chimica Acta, 2005, 88, 1676-1681.	1.6	17
82	Synthesis of 2â€Arylindoles via Condensation of orthoâ€Aminobenzyl Sulfones With Aromatic Aldehydes. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1986, 95, 671-673.	0.0	17
83	Application of nucleophilic substitution of hydrogen in nitroarenes to the chemistry of indoles. Chemistry of Heterocyclic Compounds, 2015, 51, 210-222.	1.2	17
84	Î±-Chlorobenzylation of Nitroarenes via Vicarious Nucleophilic Substitution with Benzylidene Dichloride: Umpolung of the Friedelâ€"Crafts Reaction. Journal of Organic Chemistry, 2018, 83, 8499-8508.	3.2	17
85	Cocatalysis in phase-transfer catalyzed base induced Î²-elimination. Part 2: Model studies of dehydrobromination of trans-Î²-bromostyrene. Tetrahedron, 2002, 58, 7295-7301.	1.9	16
86	Oxidative nucleophilic substitution of hydrogen in nitroarenes by silyl enol ethers. Tetrahedron, 2003, 59, 6261-6266.	1.9	16
87	Synthesis of (Nitroaryl)chloromethanes via Vicarious Nucleophilic Substitution of Hydrogen. Synlett, 1991, 1991, 181-182.	1.8	15
88	Effect of halogens on the activity of halonitrobenzenes in reactions with carbanions. Tetrahedron, 2004, 60, 2577-2581.	1.9	15
89	cine-Substitution of the nitro group in 2,4-disubstituted nitroarenes with carbanions of aryl alkyl sulfones. Tetrahedron Letters, 2004, 45, 3193-3195.	1.4	15
90	Synthesis of Î±-Fluoro-Î±-nitroarylacetates via Vicarious Nucleophilic Substitution of Hydrogen. Journal of Organic Chemistry, 2016, 81, 11751-11757.	3.2	15

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91	Phase Transfer Catalysis â€“ Basic Principles, Mechanism and Specific Features. Current Catalysis, 2012, 1, 79-87.	0.5	15
92	Isotope effect in oxidative nucleophilic substitution of hydrogen in nitroarenes. Tetrahedron Letters, 1998, 39, 3575-3576.	1.4	14
93	Formal Total Synthesis of Eupolauramine. Heterocycles, 1992, 33, 585.	0.7	14
94	Intramolecular Vicarious Nucleophilic Substitution of Hydrogen in 3-Nitrochloroacetanilides. A Synthesis of Oxidole Derivatives. Heterocycles, 1994, 37, 1701.	0.7	14
95	DIRECT ALKYLATION OF NITROARENESviaVICARIOUS NUCLEOPHLIC SUBSTITUTION OF HYDROGEN. Organic Preparations and Procedures International, 1990, 22, 575-578.	1.3	13
96	Direct Isocyanomethylation of Nitroarenes via the Vicarious Nucleophilic Substitution of Hydrogen with Phenylthiomethyl Isocyanide Carbanion. Synthesis, 1993, 1993, 1215-1217.	2.3	13
97	Deoxygenative vs. Vicarious Nucleophilic Substitution of Hydrogen in Reactions of 1,2,4-Triazine 4-Oxides with Î±-Halocarbanions. European Journal of Organic Chemistry, 2002, 2002, 1412-1416.	2.4	13
98	Tele vs. Oxidative Substitution of Hydrogen inmeta Monochloromethyl, Dichloromethyl, and Trichloromethyl Nitrobenzenes in the Reaction with Grignard Reagents. European Journal of Organic Chemistry, 2003, 2003, 3791-3797.	2.4	13
99	Competition between Nucleophilic Substitution of Halogen (S_NAr) versus Substitution of Hydrogen (S_NArH)â€”A Mass Spectrometry and Computational Study. Chemistry - A European Journal, 2015, 21, 6048-6051.	3.3	13
100	Interfacial Processesâ€”The Key Steps of Phase Transfer Catalyzed Reactions. Catalysts, 2020, 10, 1436.	3.5	13
101	Co-catalysis in phase transfer catalyzed reactions (a concept paper). Arkivoc, 2006, 2006, 7-17.	0.5	13
102	Reactions of Organic Anions, 160. Synthesis of Heptafulvene Derivatives by Vicarious Nucleophilic Substitution of Hydrogen in Tropylium Tetrafluoroborate. Liebigs Annalen Der Chemie, 1989, 1989, 95-97.	0.8	12
103	Reactions of organic anions, 182. Vicarious nucleophilic substitution of a hydrogen atom in 1â€fluoroâ€2,4â€dinitrobenzene (Sanger's Reagent). Liebigs Annalen Der Chemie, 1991, 1991, 605-606.	0.8	12
104	Simple Synthesis of 2-Nitronaphthalene Derivatives from Substitutedp-Nitrobenzyl Sulfones. Synthesis, 1994, 1994, 264-266.	2.3	12
105	A Novel Simple Method of Synthesis of 2-Amino-4-(-6-)nitroindoles via Base Promoted Condensation of m-Nitroanilines with Nitriles. Heterocycles, 2000, 52, 533.	0.7	12
106	Diastereoselective Synthesis of Tetrahydrofurans via Reaction of Î³,Î´-Epoxycarbanions with Aldehydesâ€. Organic Letters, 2005, 7, 2945-2948.	4.6	12
107	Transition Metal Free Nucleophilic Benzylation of Nitroarenes. Umpolung of the Friedel Crafts Reaction. Advanced Synthesis and Catalysis, 2019, 361, 1641-1646.	4.3	12
108	Introduction of Carbon Substituents into Nitroarenes via Nucleophilic Substitution of Hydrogen: New Developments. Synthesis, 2020, 52, 3095-3110.	2.3	12

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109	Nucleophilic substitution of hydrogen in electrophilic alkenes. Journal of the Chemical Society Chemical Communications, 1984, , 1195-1196.	2.0	11
110	Conversion of 1-(o-Nitroaryl)alkyl p-Tolylsulfones into Isoxazoles. Heterocycles, 1995, 40, 187.	0.7	11
111	Vicarious nucleophilic substitution of hydrogen in electrophilic aldimines: synthesis of enamines substituted with electron-withdrawing groups. Mendeleev Communications, 1996, 6, 43-44.	1.6	11
112	New Synthesis of Substituted Cyclopentanes via Reactions of Î³-Chloro-carbanions with Electron-deficient Alkenes. Synlett, 2004, 2004, 717-719.	1.8	11
113	Nucleophile Substitution von Wasserstoff in Nitroarenen durch phosphorstabilisierte Carbanionen mit â€¡stellvertretendenâ€ž Abgangsgruppen. Angewandte Chemie, 1982, 94, 468-468.	2.0	11
114	Base-Induced Reactionsof 3-Phenylsulfonylpropyl- and 3-CyanopropylÂ‡trimethylammoniumChlorides with Aldehydes: New Synthesis of Substituted Butadienes. Synthesis, 2003, 2003, 0820-0822.	2.3	10
115	Synthesis of Benzylidenecyclopropanes from Î³-Halopropyl Pentachlorophenyl Sulfones Using a Julia-Kocienski Olefination. Synlett, 2008, 2008, 586-588.	1.8	10
116	Vicarious substitution of hydrogen with carbanions of dithioacetals. Journal of Organic Chemistry, 1984, 49, 5272-5274.	3.2	9
117	A new reaction of cyclohexanone enolate with nitroarenes. Chemical Communications, 2001, , 1248-1249.	4.1	9
118	Generation and Reactions of Carbanions from Dialkylamino (Methylthio) Acetonitriles. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1987, 96, 303-310.	0.0	9
119	Synthesis of substituted tetrahydrofurans via intermolecular reactions of Î³-chlorocarbanions of 3-substituted 3-chloro-propylphenyl sulfones with aldehydes. Tetrahedron, 2010, 66, 3378-3385.	1.9	9
120	Multiple Reaction Pathways between the Carbanions of Î±â€Alkoxyâ€Î±â€phenylacetonitrile and oâ€Chloronitrobenzene. European Journal of Organic Chemistry, 2011, 2011, 6887-6892.	2.4	9
121	Direct synthesis of nitroaryl acetylenes from acetylenes and nitroarenes via oxidative nucleophilic substitution of hydrogen. Chemical Communications, 2016, 52, 12650-12652.	4.1	9
122	One-Pot Synthesis of Oxiranes through Vicarious Nucleophilic Substitution (VNS)â€“Darzens Reaction. Synlett, 2016, 27, 2443-2446.	1.8	9
123	Simple Synthesis of Aryl pâ€Nitroarylacetonitriles by Vicarious Nucleophilic Substitution with Carbanions of Protected Cyanohydrins. European Journal of Organic Chemistry, 2018, 2018, 376-380.	2.4	9
124	Synthesis of Diarylacetylenes Bearing Electron-Withdrawing Groups via the Smiles Rearrangement. Synthesis, 2019, 51, 3109-3116.	2.3	9
125	Nucleophilic substitution in nitroarenes: a general corrected mechanism. ChemTexts, 2019, 5, 1.	1.9	9
126	How Do Aromatic Nitro Compounds React with Nucleophiles? Theoretical Description Using Aromaticity, Nucleophilicity and Electrophilicity Indices. Molecules, 2020, 25, 4819.	3.8	9

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127	Oxidative nucleophilic substitution of hydrogen in nitrobenzenes with 2-phenylpropionic esters. Arkivoc, 2004, 2004, 172-180.	0.5	9
128	Unusual orientation in vicarious nucleophilic substitution of hydrogen in nitropyrroles. Tetrahedron Letters, 1990, 31, 121-122.	1.4	8
129	Preparation of Allylstannanes and Distannanes Using Zinc in Liquid Ammonia. Synthetic Communications, 1998, 28, 2697-2702.	2.1	8
130	Study of the mechanism of base induced dehydrobromination of trans-Î²-bromostyrene. Tetrahedron, 2003, 59, 1995-2000.	1.9	8
131	How iodide anions inhibit the phase-transfer catalyzed reactions of carbanions. Tetrahedron, 2008, 64, 5925-5932.	1.9	8
132	Dichloro(2,2â€Dimethylcyclopropyl)Methyl Phenyl Sulfone â€•a Radical Probe for Detecting Single Electron Transfer Processes. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1994, 103, 445-448.	0.0	8
133	Interfacial Generation of a Carbanion: The Key Step of PTC Reaction Directly Observed by Second Harmonic Generation. Chemistry - A European Journal, 2018, 24, 3975-3979.	3.3	8
134	Simple Synthesis of 3a,6a-Dihydrofuro [2,3-b]furan Derivatives via the Reaction of Î²-Dicarbonyl Compounds with 5-Cyano- and 5-Methoxycarbonyl-2-nitrofurans1. Synlett, 1992, 1992, 417-418.	1.8	7
135	Synthesis of Substituted Aziridines via Intramolecular Reaction of b-N-Chloroethylamino Carbanions. Heterocycles, 2008, 76, 1511.	0.7	7
136	tele Nucleophilic Substitutions of Hydrogen in mâ€(Trichloromethyl)nitrobenzenes with Cyano and Ester Carbanions. European Journal of Organic Chemistry, 2010, 2010, 3501-3506.	2.4	7
137	One-Pot Synthesis of Esters of Cyclopropane Carboxylic Acids via Tandem Vicarious Nucleophilic Substitutionâ€“Michael Addition Process. Journal of Organic Chemistry, 2015, 80, 5436-5443.	3.2	7
138	Conversion of 1-(o-Nitroaryl)methyl p-Tolyl Sulfones into Anthranilic Ester Analogues.. Acta Chemica Scandinavica, 1996, 50, 646-648.	0.7	7
139	Selective One-PotN-Monomethylation of 2-Nitroanilines Under Ptc Conditions. Synthetic Communications, 2000, 30, 3523-3526.	2.1	6
140	Direkte Beobachtung der Zwischenstufe bei stellvertretenden (vicarious) nucleophilen Substitutionen von Wasserstoff. Angewandte Chemie, 2003, 115, 2899-2901.	2.0	6
141	Vicarious nucleophilic substitution of hydrogen versus vinylic substitution of halogen in the reactions of carbanions of halomethyl aryl sulfones with dialkyl halofumarates and halomaleates. Tetrahedron, 2004, 60, 5413-5421.	1.9	6
142	NUCLEOPHII.IC SUBSTITUTION OF HYDROGEN IN NITROARENES WITH CARBANIONS OF BENZODITHIOLANE SULFOXIDES VIA INTRAMOLECULAR REDOX PROCESS. Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 80, 89-94.	1.6	5
143	An unusual reaction of 4-methoxy-1-nitronaphthalene and 4-amino-1-nitronaphthalene with dimethyl phosphite under basic conditions. Tetrahedron Letters, 1987, 28, 1707-1710.	1.4	4
144	Reactions of Carbanions of 1â€Chloroâ€5â€(phenylsulfonyl)pentâ€2â€enes: Synthesis of Vinylâ€Substituted Tetrahydrofurans. European Journal of Organic Chemistry, 2009, 2009, 3732-3740.	2.4	4

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145	Intramolecular Addition of Î³â€Chloro Carbanions to Electrophilic Groups: Synthesis of Tricyclic Tetrahydrofurans, Pyrrolidines, and Cyclopentanes. European Journal of Organic Chemistry, 2010, 2010, 1885-1894.	2.4	4
146	Diastereoselective Synthesis of Tetrahydrofurans from Aryl 3-Chloropropylsulfoxides and Aldehydes. Journal of Organic Chemistry, 2010, 75, 3251-3259.	3.2	4
147	Intermolecular Reactions of Î³â€Halocarbanions â€“ Stepwise Analogs of 1,3â€Dipolar Cycloaddition. Helvetica Chimica Acta, 2012, 95, 1871-1890.	1.6	4
148	Introduction of Perfluoroalkyl Substituents into Heteroarenes via Nucleophilic Substitution of Hydrogen. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 363-374.	0.7	3
149	Does Nucleophilic Substitution in Nitroarenes Proceed via Single Electron Transfer (SET)?. European Journal of Organic Chemistry, 2021, 2021, 6175-6179.	2.4	3
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