Massimo Bietti

List of Publications by Year
in descending order

114 papers	4,013 citations	126708 33 h-index	149479 56 g-index
118 all docs	118 docs citations	118 times ranked	2990 citing authors

#	Article	IF	Citations
1	Electronic control over site-selectivity in hydrogen atom transfer (HAT) based C(sp³)â€“H functionalization promoted by electrophilic reagents. Chemical Society Reviews, 2022, 51, 2171-2223.	18.7	57
2	Hydrogen Abstraction by Alkoxyl Radicals: Computational Studies of Thermodynamic and Polarity Effects on Reactivities and Selectivities. Journal of the American Chemical Society, 2022, 144, 6802-6812.	6.6	21
3	Resolving Oxygenation Pathways in Manganese-Catalyzed C(sp³)â€“H Functionalization via Radical and Cationic Intermediates. Journal of the American Chemical Society, 2022, 144, 7391-7401.	6.6	16
4	General Access to Modified Î±â€Amino Acids by Bioinspired Stereoselective Î³â€Câˆ’H Bond Lactonization. Angewandte Chemie - International Edition, 2021, 60, 4740-4746.	7.2	31
5	General Access to Modified Î±â€Amino Acids by Bioinspired Stereoselective Î³â€Câˆ’H Bond Lactonization. Angewandte Chemie, 2021, 133, 4790-4796.	1.6	8
6	Practical and Selective sp³Câˆ’H Bond Chlorination via Aminium Radicals. Angewandte Chemie, 2021, 133, 7208-7215.	1.6	1
7	Practical and Selective sp³Câˆ’H Bond Chlorination via Aminium Radicals. Angewandte Chemie - International Edition, 2021, 60, 7132-7139.	7.2	34
8	Deciphering Reactivity and Selectivity Patterns in Aliphatic Câ€“H Bond Oxygenation of Cyclopentane and Cyclohexane Derivatives. Journal of Organic Chemistry, 2021, 86, 9925-9937.	1.7	6
9	Aliphatic Câ€“H bond methylation enabled by hydrogen atom transfer. CheM, 2021, 7, 1427-1430.	5.8	3
10	Bimodal Evansâ€“Polanyi Relationships in Hydrogen Atom Transfer from C(sp³)â€“H Bonds to the Cumyloxyl Radical. A Combined Time-Resolved Kinetic and Computational Study. Journal of the American Chemical Society, 2021, 143, 11759-11776.	6.6	39
11	Enantioselective Câ€“H Lactonization of Unactivated Methylenes Directed by Carboxylic Acids. Journal of the American Chemical Society, 2020, 142, 1584-1593.	6.6	63
12	Site-Selective and Product Chemoselective Aliphatic Câ€“H Bond Hydroxylation of Polyhydroxylated Substrates. ACS Catalysis, 2020, 10, 4702-4709.	5.5	40
13	Evaluation of Polar Effects in Hydrogen Atom Transfer Reactions from Activated Phenols. Journal of Organic Chemistry, 2019, 84, 1778-1786.	1.7	16
14	Hydrogen atom transfer from 1,2- and 1,3-diols to the cumyloxyl radical. The role of structural effects on metal-ion induced Câ€“H bond deactivation. Chemical Communications, 2019, 55, 5227-5230.	2.2	3
15	Hydrogen Atom Transfer from Alkanols and Alkanediols to the Cumyloxyl Radical: Kinetic Evaluation of the Contribution of Î±-Câ€“H Activation and Î²-Câ€“H Deactivation. Journal of Organic Chemistry, 2018, 83, 5539-5545.	1.7	13
16	Aliphatic Câ€“H Bond Oxidation with Hydrogen Peroxide Catalyzed by Manganese Complexes: Directing Selectivity through Torsional Effects. Organic Letters, 2018, 20, 2720-2723.	2.4	29
17	Characterization and Fate of Hydrogen-Bonded Free-Radical Intermediates and Their Coupling Products from the Hydrogen Atom Transfer Agent 1,8-Naphthalenediol. ACS Omega, 2018, 3, 3918-3927.	1.6	28
18	Enhancing Reactivity and Site-Selectivity in Hydrogen Atom Transfer from Amino Acid Câ€“H Bonds via Deprotonation. Organic Letters, 2018, 20, 808-811.	2.4	9

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19	Uncovering the Complexity of the Simplest Atom Transfer Reaction. Accounts of Chemical Research, 2018, 51, 2601-2602.	7.6	11
20	The Quest for Selectivity in Hydrogen Atom Transfer Based Aliphatic Câ€“H Bond Oxygenation. Accounts of Chemical Research, 2018, 51, 1984-1995.	7.6	122
21	Enantioselective aliphatic Câ€“H bond oxidation catalyzed by bioinspired complexes. Chemical Communications, 2018, 54, 9559-9570.	2.2	69
22	Activation and Deactivation Strategies Promoted by Medium Effects for Selective Aliphatic Câˆ’H Bond Functionalization. Angewandte Chemie - International Edition, 2018, 57, 16618-16637.	7.2	77
23	Anwendung von Mediumeffekten in Aktivierungsâ€•und Deaktivierungsstrategien zur selektiven Funktionalisierung aliphatischer Câ€Hâ€Bindungen. Angewandte Chemie, 2018, 130, 16858-16878.	1.6	19
24	Highly Enantioselective Oxidation of Nonactivated Aliphatic Câ€“H Bonds with Hydrogen Peroxide Catalyzed by Manganese Complexes. ACS Central Science, 2017, 3, 196-204.	5.3	148
25	Aerobic Oxidation of 4-Alkyl-N,N-dimethylbenzylamines Catalyzed by N-Hydroxyphthalimide: Protonation-Driven Control over Regioselectivity. Journal of Organic Chemistry, 2017, 82, 5761-5768.	1.7	17
26	Tuning Selectivity in Aliphatic Câ€“H Bond Oxidation of <i>N</i>-Alkylamides and Phthalimides Catalyzed by Manganese Complexes. ACS Catalysis, 2017, 7, 5903-5911.	5.5	50
27	Chemoselective Aliphatic Câ€“H Bond Oxidation Enabled by Polarity Reversal. ACS Central Science, 2017, 3, 1350-1358.	5.3	121
28	Electronic and Torsional Effects on Hydrogen Atom Transfer from Aliphatic Câ€“H Bonds: A Kinetic Evaluation via Reaction with the Cumyloxyl Radical. Journal of Organic Chemistry, 2017, 82, 13542-13549.	1.7	12
29	Competitive Hydrogen Atom Transfer to Oxyl- and Peroxyl Radicals in the Cu-Catalyzed Oxidative Coupling of <i>N</i>-Aryl Tetrahydroisoquinolines Using <i>tert</i>-Butyl Hydroperoxide. ACS Catalysis, 2016, 6, 3253-3261.	5.5	50
30	Hydrogen atom transfer from tertiary alkanamides to the cumyloxyl radical. The role of substrate structure on alkali and alkaline earth metal ion induced Câ€“H bond deactivation. Tetrahedron, 2016, 72, 7757-7763.	1.0	6
31	Fine Control over Site and Substrate Selectivity in Hydrogen Atom Transfer-Based Functionalization of Aliphatic Câ€“H Bonds. Journal of Organic Chemistry, 2016, 81, 9269-9278.	1.7	25
32	Kinetic Study of the Reaction of the Phthalimide-N-oxyl Radical with Amides: Structural and Medium Effects on the Hydrogen Atom Transfer Reactivity and Selectivity. Journal of Organic Chemistry, 2016, 81, 11924-11931.	1.7	19
33	A computational and experimental re-examination of the reaction of the benzyloxyl radical with DMSO. Computational and Theoretical Chemistry, 2016, 1077, 74-79.	1.1	5
34	Kinetic Solvent Effects on the Reactions of the Cumyloxyl Radical with Tertiary Amides. Control over the Hydrogen Atom Transfer Reactivity and Selectivity through Solvent Polarity and Hydrogen Bonding. Journal of Organic Chemistry, 2015, 80, 1149-1154.	1.7	21
35	Enhanced Reactivity in Hydrogen Atom Transfer from Tertiary Sites of Cyclohexanes and Decalins via Strain Release: Equatorial Câ€“H Activation vs Axial Câ€“H Deactivation. Journal of Organic Chemistry, 2015, 80, 4710-4715.	1.7	28
36	Reactivity and Selectivity Patterns in Hydrogen Atom Transfer from Amino Acid Câ€“H Bonds to the Cumyloxyl Radical: Polar Effects as a Rationale for the Preferential Reaction at Proline Residues. Journal of Organic Chemistry, 2015, 80, 3643-3650.	1.7	24

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37	Binding to Redox-Inactive Alkali and Alkaline Earth Metal Ions Strongly Deactivates the Câ€“H Bonds of Tertiary Amides toward Hydrogen Atom Transfer to Reactive Oxygen Centered Radicals. Journal of Organic Chemistry, 2015, 80, 9214-9223.	1.7	17
38	Tuning Reactivity and Selectivity in Hydrogen Atom Transfer from Aliphatic Câ€“H Bonds to Alkoxyl Radicals: Role of Structural and Medium Effects. Accounts of Chemical Research, 2015, 48, 2895-2903.	7.6	192
39	Reaction Pathways of Alkoxyl Radicals. The Role of Solvent Effects on Câ€“C Bond Fragmentation and Hydrogen Atom Transfer Reactions. Synlett, 2014, 25, 1803-1816.	1.0	69
40	Reactions of the Cumyloxyl Radical with Secondary Amides. The Influence of Steric and Stereoelectronic Effects on the Hydrogen Atom Transfer Reactivity and Selectivity. Organic Letters, 2014, 16, 6444-6447.	2.4	12
41	Absolute Rate Constants for Hydrogen Atom Transfer from Tertiary Amides to the Cumyloxyl Radical: Evaluating the Role of Stereoelectronic Effects. Journal of Organic Chemistry, 2014, 79, 7179-7184.	1.7	29
42	Hydrogen Atom Transfer from 1,<i>n</i>-Alkanediamines to the Cumyloxyl Radical. Modulating Câ€“H Deactivation Through Acidâ€“Base Interactions and Solvent Effects. Journal of Organic Chemistry, 2014, 79, 5710-5716.	1.7	13
43	Structural and Medium Effects on the Reactions of the Cumyloxyl Radical with Intramolecular Hydrogen Bonded Phenols. The Interplay Between Hydrogen-Bonding and Acid-Base Interactions on the Hydrogen Atom Transfer Reactivity and Selectivity. Journal of Organic Chemistry, 2014, 79, 6196-6205.	1.7	15
44	Importance of Ï€-Stacking Interactions in the Hydrogen Atom Transfer Reactions from Activated Phenols to Short-Lived <i>N</i>-Oxyl Radicals. Journal of Organic Chemistry, 2014, 79, 5209-5218.	1.7	28
45	Effect of Metal Ions on the Reactions of the Cumyloxyl Radical with Hydrogen Atom Donors. Fine Control on Hydrogen Abstraction Reactivity Determined by Lewis Acidâ€“Base Interactions. Journal of the American Chemical Society, 2013, 135, 415-423.	6.6	31
46	Reactions of the Phthalimide <i>N</i>-Oxyl Radical (PINO) with Activated Phenols: The Contribution of Ï€-Stacking Interactions to Hydrogen Atom Transfer Rates. Journal of Organic Chemistry, 2013, 78, 1026-1037.	1.7	25
47	Tuning hydrogen atom abstraction from the aliphatic Câ€“H bonds of basic substrates by protonation. Control over selectivity by Câ€“H deactivation. Chemical Science, 2013, 4, 3255.	3.7	25
48	Modeling Noncovalent Radicalâ€“Molecule Interactions Using Conventional Density-Functional Theory: Beware Erroneous Charge Transfer. Journal of Physical Chemistry A, 2013, 117, 947-952.	1.1	41
49	Reactions of the Cumyloxyl and Benzyloxyl Radicals with Tertiary Amides. Hydrogen Abstraction Selectivity and the Role of Specific Substrate-Radical Hydrogen Bonding. Journal of Organic Chemistry, 2013, 78, 5909-5917.	1.7	36
50	Reactions of the Cumyloxyl and Benzyloxyl Radicals with Strong Hydrogen Bond Acceptors. Large Enhancements in Hydrogen Abstraction Reactivity Determined by Substrate/Radical Hydrogen Bonding. Journal of Organic Chemistry, 2012, 77, 10479-10487.	1.7	27
51	Hydrogen Abstraction from Cyclic Amines by the Cumyloxyl and Benzyloxyl Radicals. The Role of Stereoelectronic Effects and of Substrate/Radical Hydrogen Bonding. Journal of Organic Chemistry, 2012, 77, 8556-8561.	1.7	27
52	Kinetic Solvent Effects on Hydrogen Abstraction from Phenol by the Cumyloxyl Radical. Toward an Understanding of the Role of Protic Solvents. Journal of Organic Chemistry, 2012, 77, 1267-1272.	1.7	15
53	Hydrogen Atom Abstraction Reactions from Tertiary Amines by Benzyloxyl and Cumyloxyl Radicals: Influence of Structure on the Rate-Determining Formation of a Hydrogen-Bonded Prereaction Complex. Journal of Organic Chemistry, 2011, 76, 6264-6270.	1.7	27
54	Diffusion Controlled Hydrogen Atom Abstraction from Tertiary Amines by the Benzyloxyl Radical. The Importance of Câˆ’H/N Hydrogen Bonding. Organic Letters, 2011, 13, 260-263.	2.4	21

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55	Time-Resolved Kinetic Study of the Electron-Transfer Reactions between Ring-Substituted Cumyloxyl Radicals and Alkylferrocenes. Evidence for an Inner-Sphere Mechanism. Journal of Organic Chemistry, 2011, 76, 1789-1794.	1.7	7
56	One-electron oxidation of ferrocenes by short-lived N-oxyl radicals. The role of structural effects on the intrinsic electron transfer reactivities. Organic and Biomolecular Chemistry, 2011, 9, 4085.	1.5	16
57	Kinetic Solvent Effects on Hydrogen Abstraction Reactions from Carbon by the Cumyloxyl Radical. The Importance of Solvent Hydrogen-Bond Interactions with the Substrate and the Abstracting Radical. Journal of Organic Chemistry, 2011, 76, 4645-4651.	1.7	31
58	Hydrogen Atom Abstraction Selectivity in the Reactions of Alkylamines with the Benzyloxyl and Cumyloxyl Radicals. The Importance of Structure and of Substrate Radical Hydrogen Bonding. Journal of the American Chemical Society, 2011, 133, 16625-16634.	6.6	49
59	Understanding Kinetic Solvent Effects on Hydrogen Abstraction Reactions from Carbon by the Cumyloxyl Radical. Organic Letters, 2011, 13, 6110-6113.	2.4	30
60	The O-neophyl rearrangement of 1,1-diarylalkoxyl radicals. Experimental evidence for the formation of an intermediate 1-oxaspiro[2,5]octadienyl radical. Tetrahedron Letters, 2010, 51, 4129-4131.	0.7	11
61	Threefold exTTF-based Buckycatcher. Journal of Coordination Chemistry, 2010, 63, 2939-2948.	0.8	4
62	N-Demethylation of N,N-Dimethylanilines by the Benzotriazole N-Oxyl Radical: Evidence for a Two-Step Electron Transferâˆ'Proton Transfer Mechanism. Journal of Organic Chemistry, 2010, 75, 1378-1385.	1.7	33
63	Electron Transfer Properties of Alkoxyl Radicals. A Time-Resolved Kinetic Study of the Reactions of the<i>tert</i>-Butoxyl, Cumyloxyl, and Benzyloxyl Radicals with Alkyl Ferrocenes. Journal of Organic Chemistry, 2010, 75, 5875-5881.	1.7	17
64	The Role of Structural Effects on the Reactions of Alkoxyl Radicals with Trialkyl and Triaryl Phosphites. A Time-Resolved Kinetic Study. Journal of Organic Chemistry, 2010, 75, 4514-4520.	1.7	21
65	Kinetic Solvent Effects on Hydrogen Abstraction Reactions from Carbon by the Cumyloxyl Radical. The Role of Hydrogen Bonding. Organic Letters, 2010, 12, 3654-3657.	2.4	46
66	Electron-Transfer Properties of Short-Lived N-Oxyl Radicals. Kinetic Study of the Reactions of Benzotriazole-N-oxyl Radicals with Ferrocenes. Comparison with the Phthalimide-N-oxyl Radical. Journal of Organic Chemistry, 2009, 74, 5576-5583.	1.7	24
67	Phenyl Bridging in Ring-Substituted Cumyloxyl Radicals. A Product and Time-Resolved Kinetic Study. Organic Letters, 2009, 11, 2453-2456.	2.4	25
68	A reassessment of the association between azulene and [60]fullerene. Possible pitfalls in the determination of binding constants through fluorescence spectroscopy. Chemical Communications, 2008, , 4744.	2.2	107
69	Weighting non-covalent forces in the molecular recognition of C60. Relevance of concaveâ€"convex complementarity. Chemical Communications, 2008, , 4567.	2.2	71
70	One-Electron Oxidation of 2-(4-Methoxyphenyl)-2-Methylpropanoic and 1-(4-Methoxyphenyl)cyclopropanecarboxylic Acids in Aqueous Solution. The Involvement of Radical Cations and the Influence of Structural Effects and pH on the Side-Chain Fragmentation Reactivity. Journal of Organic Chemistry, 2008, 73, 618-629.	1.7	6
71	DFT Evidence for a Stepwise Mechanism in the O-Neophyl Rearrangement of 1,1-Diarylalkoxyl Radicals. Journal of Organic Chemistry, 2007, 72, 4515-4519.	1.7	21
72	A Kinetic Study of the Electron-Transfer Reaction of the Phthalimide-N-oxyl Radical (PINO) with Ferrocenes. Journal of Organic Chemistry, 2007, 72, 8748-8754.	1.7	34

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73	Reactivity and Acidâˆ'Base Behavior of Ring-Methoxylated Arylalkanoic Acid Radical Cations and Radical Zwitterions in Aqueous Solution. Influence of Structural Effects and pH on the Benzylic Câˆ'H Deprotonation Pathway. Journal of Organic Chemistry, 2006, 71, 5260-5267.	1.7	9
74	Oxygen Acidity of Ring Methoxylated 1,1-Diarylalkanol Radical Cations Bearing Î±-Cyclopropyl Groups. The Competition betweenO-Neophyl Shift and Câˆ'Cyclopropyl Î²-Scission in the Intermediate 1,1-Diarylalkoxyl Radicals. Journal of Organic Chemistry, 2006, 71, 3167-3175.	1.7	5
75	Fragmentation reactions of radical cations. Journal of Physical Organic Chemistry, 2006, 19, 467-478.	0.9	42
76	Involvement of alkoxyl radical intermediates in the photolysis of 1-alkylcycloalkanols in the presence of bis(pyridine)iodonium tetrafluoroborate. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 182, 33-37.	2.0	3
77	Structural Effects on the Î²-Scission Reaction of Alkoxyl Radicals. Direct Measurement of the Absolute Rate Constants for Ring Opening of Benzocycloalken-1-oxyl Radicals. Journal of Organic Chemistry, 2005, 70, 1417-1422.	1.7	27
78	Solvent Effects on theO-Neophyl Rearrangement of 1,1-Diarylalkoxyl Radicals. A Laser Flash Photolysis Study. Journal of Organic Chemistry, 2005, 70, 10603-10606.	1.7	24
79	Structural Effects on the Î²-Scission Reaction of Tertiary Arylcarbinyloxyl Radicals. The Role of Î±-Cyclopropyl and Î±-Cyclobutyl Groups. Journal of Organic Chemistry, 2005, 70, 6820-6826.	1.7	21
80	Electron-Transfer Mechanism in theN-Demethylation ofN,N-Dimethylanilines by the Phthalimide-N-oxyl Radical. Journal of Organic Chemistry, 2005, 70, 5144-5149.	1.7	71
81	The Effect of Ring Substitution on theO-Neophyl Rearrangement of 1,1-Diarylalkoxyl Radicals. A Product and Time-Resolved Kinetic Study. Journal of Organic Chemistry, 2005, 70, 3884-3891.	1.7	66
82	Generation and Reactivity of Ketyl Radicals with Lignin Related Structures. On the Importance of the Ketyl Pathway in the Photoyellowing of Lignin Containing Pulps and Papers. Journal of Organic Chemistry, 2005, 70, 2720-2728.	1.7	33
83	The Role of Aromatic Radical Cations and Benzylic Cations in the 2,4,6-Triphenylpyrylium Tetrafluoroborate Photosensitized Oxidation of Ring-Methoxylated Benzyl Alcohols in CH2Cl2 Solution. Journal of Organic Chemistry, 2004, 69, 8874-8885.	1.7	25
84	Photolysis of 1-Alkylcycloalkanols in the Presence of (Diacetoxyiodo)benzene and I2. Intramolecular Selectivity in the Î²-Scission Reactions of the Intermediate 1-Alkylcycloalkoxyl Radicals.. ChemInform, 2004, 35, no.	0.1	0
85	Early stages in the TiO2-photocatalyzed degradation of simple phenolic and non-phenolic lignin model compounds. Journal of Photochemistry and Photobiology A: Chemistry, 2004, 163, 453-462.	2.0	38
86	Spectroscopic Detection, Reactivity, and Acidâˆ'Base Behavior of Ring-Dimethoxylated Phenylethanoic Acid Radical Cations and Radical Zwitterions in Aqueous Solution. Journal of Organic Chemistry, 2004, 69, 482-486.	1.7	11
87	Photolysis of 1-Alkylcycloalkanols in the Presence of (Diacetoxyiodo)benzene and I2. Intramolecular Selectivity in the Î²-Scission Reactions of the Intermediate 1-Alkylcycloalkoxyl Radicals. Journal of Organic Chemistry, 2004, 69, 5281-5289.	1.7	28
88	The role of oxygen acidity on the side-chain fragmentation of ring methoxylated benzocycloalkenol radical cations. Tetrahedron Letters, 2003, 44, 6401-6404.	0.7	1
89	âˆ'OH-Induced shift from carbon to oxygen acidity in the side-chain deprotonation of 2-, 3- and 4-methoxybenzyl alcohol radical cations in aqueous solution: results from pulse radiolysis and DFT calculations. Tetrahedron, 2003, 59, 613-618.	1.0	12
90	Spectral Properties and Absolute Rate Constants for Î²-Scission of Ring-Substituted Cumyloxyl Radicals. A Laser Flash Photolysis Study. Journal of Organic Chemistry, 2002, 67, 2266-2270.	1.7	81

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91	Spectral Properties and Reactivity of Diarylmethanol Radical Cations in Aqueous Solution. Evidence for Intramolecular Charge Resonance1. Journal of Organic Chemistry, 2002, 67, 2632-2638.	1.7	12
92	Oxidative decarboxylation of 4-methoxyphenylacetic acid induced by potassium 12-tungstocobalt(iii)ate. The role of intramolecular electron transfer. Perkin Transactions II RSC, 2002, , 720-722.	1.1	4
93	The mediation of veratryl alcohol in oxidations promoted by lignin peroxidase: the lifetime of veratryl alcohol radical cation. Biochemical and Biophysical Research Communications, 2002, 293, 832-835.	1.0	23
94	The Deprotonation of Benzyl Alcohol Radical Cations: A Mechanistic Dichotomy in the Gas Phase as in Solution. Chemistry - A European Journal, 2002, 8, 532-537.	1.7	13
95	The role of stereoelectronic effects on the side-chain fragmentation of alkylaromatic radical cations. The reactivity of 5-methoxy-2,2-dimethylindan-1-ol radical cation. Tetrahedron, 2002, 58, 5039-5044.	1.0	7
96	Oxidation of non-phenolic Î²-O-aryl-lignin model dimers catalysed by lignin peroxidase. Comparison with the oxidation induced by potassium 12-tungstocobalt(III)ate. Perkin Transactions II RSC, 2001, , 1506-1511.	1.1	14
97	Structural Effects on the OHâˆ'-Promoted Fragmentation of Methoxy-Substituted 1-Arylalkanol Radical Cations in Aqueous Solution: The Role of Oxygen Acidity. Chemistry - A European Journal, 2001, 7, 1408-1416.	1.7	16
98	Photo- and radiation chemical induced degradation of lignin model compounds. Journal of Photochemistry and Photobiology B: Biology, 2000, 56, 85-108.	1.7	155
99	METALLATION OF ALKYNES. ACETOXYMERCURATION OF ARYL(HYDROXYMETHYL)ETHYNES AND ARYL(METHOXYMETHYL)ETHYNES. Main Group Metal Chemistry, 2000, 23, .	0.6	2
100	The Trap Depth (in DNA) of 8-Oxo-7,8-dihydro-2â€˜deoxyguanosine as Derived from Electron-Transfer Equilibria in Aqueous Solution. Journal of the American Chemical Society, 2000, 122, 2373-2374.	6.6	258
101	Mechanistic Aspects of Î²-Bond-Cleavage Reactions of Aromatic Radical Cations. Accounts of Chemical Research, 2000, 33, 243-251.	7.6	172
102	Kinetic and Product Studies on the Side-Chain Fragmentation of 1-Arylalkanol Radical Cations in Aqueous Solution: Oxygen versus Carbon Acidity. Chemistry - A European Journal, 1999, 5, 1785-1793.	1.7	36
103	Oxygen Versus Carbon Acidity in the Side-Chain Fragmentation of 2-, 3-, and 4-Arylalkanol Radical Cations in Aqueous Solution:Â The Influence of the Distance between the OH Group and the Aromatic Ring1. Journal of the American Chemical Society, 1999, 121, 6624-6629.	6.6	30
104	Oxidation of Î±-alkylbenzyl alcohols catalysed by 5,10,15,20-tetrakis(pentafluorophenyl)porphyrin iron(III) chloride. Competition between Cî—¸H and Cî—¸C bond cleavage. Tetrahedron Letters, 1998, 39, 4711-4714.	0.7	26
105	One Electron Oxidation of Î±-Alkylbenzyl Alcohols Induced by Potassium 12-Tungstocobalt(III)ate âˆ' Comparison with the Oxidation Promoted by Microsomal Cytochrome P450. European Journal of Organic Chemistry, 1998, 1998, 299-302.	1.2	22
106	Stereoelectronic Inhibition of Deprotonation in the Radical Cation ofN-Benzylpiperidine: a Contribution to the Debate on the Mechanism ofN-Dealkylation of Tertiary Amines. European Journal of Organic Chemistry, 1998, 1998, 2425-2429.	1.2	9
107	Lifetime, Reduction Potential and Base-Induced Fragmentation of the Veratryl Alcohol Radical Cation in Aqueous Solution. Pulse Radiolysis Studies on a Ligninase â€œMediatorâ€. Journal of Physical Chemistry A, 1998, 102, 7337-7342.	1.1	74
108	Oxygen Acidity of 1-Arylalkanol Radical Cations. 4-Methoxycumyloxyl Radical as âˆ'C(Me)2âˆ'O--to-Nucleus Electron-Transfer Intermediate in the Reaction of 4-Methoxycumyl Alcohol Radical Cation with OH-. Journal of the American Chemical Society, 1998, 120, 11516-11517.	6.6	33

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109	Photo-oxidative Fragmentation of Some alpha-Alkyl Substituted 4-Methoxybenzyl Alcohols and Methyl Ethers Sensitized by TiO2.. Acta Chemica Scandinavica, 1998, 52, 160-164.	0.7	19
110	Base-Catalyzed Câˆ’H Deprotonation of 4-Methoxybenzyl Alcohol Radical Cations in Water:Â Evidence for a Carbon-to-Oxygen 1,2-H-Shift Mechanism. Journal of the American Chemical Society, 1997, 119, 4078-4079.	6.6	34
111	Side-Chain Fragmentation of Arylalkanol Radical Cations. Carbonâˆ’Carbon and Carbonâˆ’Hydrogen Bond Cleavage and the Role of Î±- and Î²-OH Groups. Journal of the American Chemical Society, 1996, 118, 5952-5960.	6.6	60
112	Rate-determining electron-transfer reactions in highly aqueous alcoholâ€“water mixtures. A quantitative analysis of solvent effects on the oxidation of 4-methoxyphenylacetate by potassium 12-tungstocobaltate(III). Chemical Communications, 1996, , 1307-1308.	2.2	7
113	Side-chain oxidation of .alpha.-substituted 4-methoxytoluenes by potassium 12-tungstocobalt(III)ate. The effect of .alpha.-substituents on the formation and deprotonation of the intermediate cation radicals. Journal of Organic Chemistry, 1993, 58, 7106-7110.	1.7	38
114	Factors Governing Reactivity and Selectivity in Hydrogen Atom Transfer from C(sp³)â€“H Bonds of Nitrogen-Containing Heterocycles to the Cumyloxyl Radical. Journal of Organic Chemistry, 0, , .	1.7	6