Xavier Creary

List of Publications by Year
in descending order

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66 papers	1,986 citations	279701 23 h-index	265120 42 g-index
67 all docs	67 docs citations	67 times ranked	1458 citing authors

#	Article	IF	Citations
1	Reaction of organometallic reagents with ethyl trifluoroacetate and diethyl oxalate. Formation of trifluoromethyl ketones and .alpha.-keto esters via stable tetrahedral adducts. Journal of Organic Chemistry, 1987, 52, 5026-5030.	1.7	167
2	Electronegatively substituted carbocations. Chemical Reviews, 1991, 91, 1625-1678.	23.0	159
3	Methylenecyclopropane rearrangement as a probe for free radical substituent effects. .sigma..bul. Values for commonly encountered conjugating and organometallic groups. Journal of Organic Chemistry, 1987, 52, 3254-3263.	1.7	145
4	Method for Assigning Structure of 1,2,3-Triazoles. Journal of Organic Chemistry, 2012, 77, 8756-8761.	1.7	122
5	Properties of .alpha.-keto cations. Facile generation under solvolytic conditions. Journal of the American Chemical Society, 1982, 104, 4151-4162.	6.6	80
6	Super Radical Stabilizers. Accounts of Chemical Research, 2006, 39, 761-771.	7.6	75
7	Carbocationic and related processes in reactions of .alpha.-keto mesylates and triflates. Accounts of Chemical Research, 1985, 18, 3-8.	7.6	70
8	Rearrangement of 2-aryl-3,3-dimethylmethylenecyclopropanes. Substituent effects on a nonpolar radical-like transition state. Journal of Organic Chemistry, 1980, 45, 280-284.	1.7	69
9	Carbocation-Forming Reactions in Ionic Liquids. Journal of the American Chemical Society, 2005, 127, 18114-18120.	6.6	61
10	Mesylate derivatives of .alpha.-hydroxy phosphonates. Formation of carbocations adjacent to the diethyl phosphonate group. Journal of the American Chemical Society, 1983, 105, 2851-2858.	6.6	55
11	Regioselectivity in the addition of singlet and triplet carbenes to 1,1-dimethylallene. A probe for carbene multiplicity. Journal of the American Chemical Society, 1980, 102, 1611-1618.	6.6	42
12	Generation of .alpha.-keto cations. Quantitative aspects. Journal of Organic Chemistry, 1979, 44, 3938-3945.	1.7	40
13	Competing kc, borderline, ks, and carbonyl addition processes in solvolyses of .alpha.-keto mesylates and triflates. .alpha.-Keto cations. 5. Journal of the American Chemical Society, 1984, 106, 5568-5577.	6.6	39
14	Stabilization demands of diethyl phosphonate substituted carbocations as revealed by substituent effects. Journal of Organic Chemistry, 1985, 50, 2165-2170.	1.7	37
15	A comparison of the radical-stabilizing ability of aromatic groups. .gamma..bul. values for aromatic groups. Journal of Organic Chemistry, 1989, 54, 2904-2910.	1.7	34
16	Î²-Silyl carbenes. Tetrahedron Letters, 1989, 30, 2493-2496.	0.7	31
17	Reactions of pivaloin derivatives with lithium tetramethylpiperidide. Journal of Organic Chemistry, 1980, 45, 2419-2425.	1.7	30
18	Nucleofugality of the sulfinate group in carbocation-forming processes. Journal of Organic Chemistry, 1985, 50, 5080-5084.	1.7	30

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19	Formation and Cyclization of Acyl Thioamides. A Novel .beta.-Lactam Forming Process. Journal of the American Chemical Society, 1995, 117, 5859-5860.	6.6	29
20	Methylenecyclopropane Rearrangement as a Probe for Free Radical Substituent Effects. ÏƒÂâ€¢Values for Potent Radical-Stabilizing Nitrogen-Containing Substituents. Journal of Organic Chemistry, 1999, 64, 5634-5643.	1.7	29
21	Carbocation-Forming Reactions in Dimethyl Sulfoxide. Journal of Organic Chemistry, 2003, 68, 1117-1127.	1.7	28
22	Rearrangements of .alpha.-hydroxy ketals and derivatives of .alpha.-hydroxy ketals. Journal of Organic Chemistry, 1977, 42, 4231-4238.	1.7	24
23	A Simple Method for Determination of Solvolysis Rates by 1H NMR. Journal of Organic Chemistry, 1994, 59, 5106-5108.	1.7	24
24	.alpha.-Imino and .alpha.-Oximino Carbocations. A Comparison with .alpha.-Carbonyl and .alpha.-Thiocarbonyl Carbocations. Journal of the American Chemical Society, 1995, 117, 3044-3053.	6.6	24
25	Cyclopropyl triflates. Neighboring-group and solvent effects. Journal of the American Chemical Society, 1976, 98, 6608-6613.	6.6	23
26	Î²-Silylcarbenes from Isolable Diazosilanes. Journal of Organic Chemistry, 2002, 67, 112-118.	1.7	23
27	Nature of cationic intermediates derived from .alpha.-thiophosphoryl and .alpha.-thiocarbonyl mesylates. Neighboring thiophosphoryl and thiocarbonyl participation. Journal of Organic Chemistry, 1986, 51, 7-15.	1.7	22
28	Î²-Trimethylsilyl Cyclopropylcarbenes. Journal of Organic Chemistry, 2001, 66, 1115-1121.	1.7	22
29	Addition of carbenes to 1,1-dimethylallene. Formation and rearrangement of substituted methylenecyclopropanes. Journal of Organic Chemistry, 1978, 43, 1777-1783.	1.7	21
30	Silyl-substituted cyclopropyl carbenoids. Tetrahedron Letters, 1996, 37, 579-582.	0.7	21
31	Systematic Repression of Î²-Silyl Carbocation Stabilization. Journal of Organic Chemistry, 2009, 74, 2134-2144.	1.7	21
32	Solvolytic elimination reactions of tertiary .alpha.-CSNMe2-substituted systems. Journal of Organic Chemistry, 1992, 57, 1887-1897.	1.7	20
33	Radical Stabilizing Ability of the Ferrocenyl and Cyclobutadieneiron Tricarbonyl Groups. Organic Letters, 2000, 2, 2069-2072.	2.4	18
34	Variable electronic properties of the CSNMe2 thioamide group. Journal of Organic Chemistry, 1991, 56, 4280-4285.	1.7	17
35	Sigma assisted versus unassisted pathways in the ionization of tertiary cyclopropyl triflates. Journal of Organic Chemistry, 1976, 41, 3734-3739.	1.7	16
36	Secondary deuterium isotope effects in the solvolysis of cyclopropyl triflates. Journal of Organic Chemistry, 1976, 41, 3740-3743.	1.7	16

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37	Response of triflates to solvent ionizing power. A YOTf scale based on 7-norbornyl triflate. Journal of Organic Chemistry, 1985, 50, 474-479.	1.7	16
38	Carbocations in the Î²-Lactam and Î²-Thiolactam Series. Journal of the American Chemical Society, 1996, 118, 12331-12338.	6.6	16
39	The Bicyclo[2.2.2]octyl Carbene System as a Probe for Migratory Aptitudes of Hydrogen to Carbenic Centers. Journal of the American Chemical Society, 2001, 123, 1569-1578.	6.6	16
40	Homoallylâ^'Cyclopropylcarbinyl Cation Manifold. Trimethylsilyl versus Aryl Stabilization. Journal of Organic Chemistry, 2007, 72, 3360-3368.	1.7	16
41	Solvolytic kinetic studies by fluorine-19 NMR. Journal of Organic Chemistry, 1992, 57, 4761-4765.	1.7	15
42	Silyl-substituted carbenes. Journal of Organic Chemistry, 1994, 59, 1604-1605.	1.7	15
43	Î³-Silyl Cyclobutyl Carbocations. Journal of Organic Chemistry, 2009, 74, 9044-9053.	1.7	15
44	Oxygen-17 and oxygen-18 labeling studies by NMR. Mechanism of rearrangement of an .alpha.-thiophosphoryl trifluoroacetate to an .alpha.-phosphoryl thiotrifluoroacetate. Journal of the American Chemical Society, 1986, 108, 5979-5983.	6.6	13
45	Electronic Properties of Triazoles. Experimental and Computational Determination of Carbocation and Radical-Stabilizing Properties. Journal of Organic Chemistry, 2017, 82, 5720-5730.	1.7	13
46	Stabilized and Destabilized Carbocations in the 1,6-Methano[10]annulene Series. Journal of Organic Chemistry, 2003, 68, 8683-8692.	1.7	12
47	Remarkably Facile Solvolyses of Triflates via Carbocationic Processes in Dimethyl Sulfoxide. Journal of Organic Chemistry, 2004, 69, 1227-1234.	1.7	12
48	Triplet Energy Dissipation in Methylenecyclopropane Rearrangement. Journal of Organic Chemistry, 2007, 72, 7930-7938.	1.7	12
49	Hydroxy-Î²-Thiolactams to Oxazole-2-thiones. A Novel DMSO-Promoted Oxidation. Organic Letters, 2008, 10, 4975-4978.	2.4	12
50	Foiled Conjugation in Î±-Oximino Carbocations. Journal of Organic Chemistry, 1996, 61, 3482-3489.	1.7	11
51	1,6-Methano[10]annulene-Stabilized Radicals. Organic Letters, 2002, 4, 3493-3496.	2.4	11
52	3-Trimethylsilylcyclobutylidene. The Î³-Effect of Silicon on Carbenes. Journal of the American Chemical Society, 2013, 135, 6570-6578.	6.6	10
53	Solvolytic elimination reactions. Stepwise or concerted?. Journal of the American Chemical Society, 1993, 115, 1734-1738.	6.6	9
54	Facile Autoxidation of 2-(4-Hydroxy- phenyl)-3,3-dimethylmethylenecyclopropane. The Radical Stabilizing Ability of the Phenoxide Group. Organic Letters, 1999, 1, 1615-1618.	2.4	9

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55	Photochemical Behavior of Cyclopropyl-Substituted Benzophenones and Valerophenones. Journal of Organic Chemistry, 2011, 76, 2062-2071.	1.7	9
56	The cyclopropylcarbinyl route to Î³-silyl carbocations. Beilstein Journal of Organic Chemistry, 2019, 15, 1769-1780.	1.3	9
57	A New Twist on the Iodine Clock Reaction: Determining the Order of a Reaction. Journal of Chemical Education, 1999, 76, 530.	1.1	8
58	Effect of oxime substituents on 9-fluorenyl carbocations. Journal of Physical Organic Chemistry, 2000, 13, 337-343.	0.9	8
59	Î³-Silyl-Substituted Norbornyl Carbocations and Carbenes. Journal of Organic Chemistry, 2014, 79, 2547-2555.	1.7	8
60	Î³-Trimethylsilylcyclobutyl Carbocation Stabilization. Journal of Organic Chemistry, 2015, 80, 1781-1788.	1.7	8
61	3-t-Butyl-1-methylcyclobutyl Cation. Experimental vs Computational Insights into Tertiary Bicyclobutonium Cations. Journal of Organic Chemistry, 2020, 85, 7086-7096.	1.7	7
62	Cobalt- and Silver-Promoted Methylenecyclopropane Rearrangements. Journal of Organic Chemistry, 2018, 83, 136-144.	1.7	4
63	Electronic properties of the nitrone substituent. Stabilization of benzylic carbocations. Journal of Physical Organic Chemistry, 2001, 14, 97-102.	0.9	3
64	3-Trimethylsilylcycloalkylidenes. Î³-Silyl vs Î³-Hydrogen Migration to Carbene Centers. Journal of Organic Chemistry, 2015, 80, 11378-11387.	1.7	2
65	The Nature of Azo-Substituted Carbocations: Nâ€“N Ï€-Electron Stabilization versus Nitrogen Nonbonding Electron Stabilization. Journal of Organic Chemistry, 2022, 87, 2241-2254.	1.7	2
66	Carbocation-Forming Reactions in Dimethyl Sulfoxide.. ChemInform, 2003, 34, no.	0.1	0