Eric Block

List of Publications by Year
in descending order

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224 papers	11,367 citations	30070 54 h-index	37204 96 g-index
252 all docs	252 docs citations	252 times ranked	6271 citing authors

#	Article	IF	Citations
1	Copper-mediated thiol potentiation and mutagenesis-guided modeling suggest a highly conserved copper-binding motif in human OR2M3. Cellular and Molecular Life Sciences, 2020, 77, 2157-2179.	5.4	29
2	Semiochemical responsive olfactory sensory neurons are sexually dimorphic and plastic. ELife, 2020, 9, .	6.0	21
3	Visualizing sulfur with X-rays: From molecules to tissues. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 618-623.	1.6	3
4	Fifty-five years of smelling sulfur. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 689-691.	1.6	2
5	Molecular mechanism of activation of human musk receptors OR5AN1 and OR1A1 by (R) Tj ETQq1 1 0.784314 rgBT /Overlock Sciences of the United States of America, 2018, 115, E3950-E3958.	7.1	57
6	Molecular Basis of Mammalian Odor Discrimination: A Status Report. Journal of Agricultural and Food Chemistry, 2018, 66, 13346-13366.	5.2	43
7	Ajothiolanes: 3,4-Dimethylthiolane Natural Products from Garlic (Allium sativum). Journal of Agricultural and Food Chemistry, 2018, 66, 10193-10204.	5.2	19
8	A Multispecific Investigation of the Metal Effect in Mammalian Odorant Receptors for Sulfur-Containing Compounds. Chemical Senses, 2018, 43, 357-366.	2.0	7
9	The role of metals in mammalian olfaction of low molecular weight organosulfur compounds. Natural Product Reports, 2017, 34, 529-557.	10.3	33
10	Photochemically Generated Thiyl Free Radicals Observed by X-ray Absorption Spectroscopy. Journal of the American Chemical Society, 2017, 139, 11519-11526.	13.7	23
11	Fifty years of smelling sulfur: From the chemistry of garlic to the molecular basis for olfaction. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 141-144.	1.6	11
12	Fluorinated Analogs of Organosulfur Compounds from Garlic (Allium sativum): Synthesis, Chemistry and Anti-Angiogenesis and Antithrombotic Studies. Molecules, 2017, 22, 2081.	3.8	26
13	Smelling Sulfur: Copper and Silver Regulate the Response of Human Odorant Receptor OR2T11 to Low-Molecular-Weight Thiols. Journal of the American Chemical Society, 2016, 138, 13281-13288.	13.7	60
14	Trifluoroselenomethionine: A New Unnatural Amino Acid. ChemBioChem, 2016, 17, 1738-1751.	2.6	27
15	Implausibility of the vibrational theory of olfaction. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2766-74.	7.1	76
16	Reply to Turin et al.: Vibrational theory of olfaction is implausible. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3155.	7.1	19
17	QM/MM Model of the Mouse Olfactory Receptor MOR244-3 Validated by Site-Directed Mutagenesis Experiments. Biophysical Journal, 2014, 107, L5-L8.	0.5	32
18	Liquid sulfur as a reagent: synthesis of polysulfanes with 20 or more sulfur atoms with characterization by UPLC-(Ag⁺)-coordination ion spray-MS. Journal of Sulfur Chemistry, 2013, 34, 55-66.	2.0	38

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19	Gas-phase structures of dithietane derivatives, including an electron diffraction study of 1,3-dithietane 1,1,3,3-tetraoxide. Structural Chemistry, 2013, 24, 827-835.	2.0	3
20	Smelling Sulfur: Discovery of a Sulfur-Sensing Olfactory Receptor that Requires Copper. ACS Symposium Series, 2013, , 1-14.	0.5	5
21	Fifty years of smelling sulfur. Journal of Sulfur Chemistry, 2013, 34, 158-207.	2.0	32
22	Crucial role of copper in detection of metal-coordinating odorants. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3492-3497.	7.1	104
23	Microwave Spectra and Gas Phase Structural Parameters forN-Hydroxypyridine-2(1H)-thione. Journal of Physical Chemistry A, 2011, 115, 14526-14530.	2.5	5
24	Challenges and Artifact Concerns in Analysis of Volatile Sulfur Compounds. ACS Symposium Series, 2011, , 35-63.	0.5	9
25	Crushing Garlic and Slicing Onions: Detection of Sulfenic Acids and Other Reactive Organosulfur Intermediates from Garlic and Other Alliums using Direct Analysis in Real-Time Mass Spectrometry (DART-MS). Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1085-1093.	1.6	21
26	Allium chemistry: Use of new instrumental techniques to â€œseeâ€•reactive organosulfur species formed upon crushing garlic and onion. Pure and Applied Chemistry, 2010, 82, 535-539.	1.9	25
27	Applications of Direct Analysis in Real Time Mass Spectrometry (DART-MS) in Allium Chemistry. 2-Propenesulfenic and 2-Propenesulfinic Acids, Diallyl Trisulfane S-Oxide, and Other Reactive Sulfur Compounds from Crushed Garlic and Other Alliums. Journal of Agricultural and Food Chemistry, 2010, 58, 4617-4625.	5.2	111
28	Electrochemical and Chemical Oxidation of Dithia-, Diselena-, Ditellura-, Selenathia-, and Tellurathiamesocycles and Stability of the Oxidized Species. Journal of Organic Chemistry, 2010, 75, 1997-2009.	3.2	29
29	Applications of Direct Analysis in Real Timeâ˜Mass Spectrometry (DART-MS) inAlliumChemistry. (Z)-ButanethialS-Oxide and 1-Butenyl Thiosulfinates and TheirS-(E)-1-ButenylcysteineS-Oxide Precursor from Allium siculum. Journal of Agricultural and Food Chemistry, 2010, 58, 1121-1128.	5.2	84
30	Localizing the Chemical Forms of Sulfur in Vivo Using X-ray Fluorescence Spectroscopic Imaging: Application to Onion (Allium cepa) Tissues. Biochemistry, 2009, 48, 6846-6853.	2.5	43
31	Chemistry of Mixed Sulfur-, Selenium-, or Tellurium- and Silicon-, or Tin-Containing Heterocycles. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 856-862.	1.6	5
32	Photooxygenation of 1,5-Thiaselenocane. Journal of Organic Chemistry, 2008, 73, 8587-8590.	3.2	7
33	Insights into the Chemical Biology of Selenium. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 924-930.	1.6	8
34	Effect of Raw Garlic vs Commercial Garlic Supplements on Plasma Lipid Concentrations in Adults With Moderate Hypercholesterolemia. Archives of Internal Medicine, 2007, 167, 346.	3.8	145
35	Interaction of Câ˜Si, Câ˜Sn, and Siâ˜Si Ïƒ-Bonds with Chalcogen Lone Pairs. Journal of Organic Chemistry, 2007, 72, 8290-8297.	3.2	13
36	Synthesis, structure, reactions, and photoelectron spectra of new mixed sulfurâ€, seleniumâ€•or tellurium and siliconâ€•or tinâ€•containing heterocycles. Heteroatom Chemistry, 2007, 18, 509-515.	0.7	12

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37	Advances in Heterocyclic Chemistry, Volume 88 Edited by Alan R. Katritzky (University of Florida,) Tj ETQq1 1 0.784314 rgBT /Overloc of the American Chemical Society, 2006, 128, 1772-1773.	13.7	1
38	Synthesis, Structure, and Chemistry of New, Mixed Group 14 and 16 Heterocycles:Â Nucleophile-Induced Ring Contraction of Mesocyclic Dications. Journal of the American Chemical Society, 2006, 128, 14949-14961.	13.7	56
39	The Siâˆ'Si Effect on Ionization of Î²-Disilanyl Sulfides and Selenides. Journal of the American Chemical Society, 2006, 128, 12685-12692.	13.7	15
40	Pro-angiogenesis action of arsenic and its reversal by selenium-derived compounds. Carcinogenesis, 2006, 28, 962-967.	2.8	38
41	Encoding social signals in the mouse main olfactory bulb. Nature, 2005, 434, 470-477.	27.8	386
42	Î±,Î²-Unsaturated Î±â€²-Halomethylsulfones: Prepackaged Rambergâ€"Baecklund Reagents for Tandem Synthetic Processes. ChemInform, 2005, 36, no.	0.0	0
43	Dimethyl selenoxide. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o596-o598.	0.4	11
44	Synthesis, structure, and chemistry of selenium-containing four-membered rings. Pure and Applied Chemistry, 2005, 77, 2029-2032.	1.9	7
45	Î±,Î²-Unsaturated Î±â€²-Halomethylsulfones: Prepackaged Rambergâ€"BÃcklund Reagents for Tandem Synthetic Processes. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1197-1202.	1.6	3
46	Spirocyclic Sulfur and Selenium Ligands as Molecular Rigid Rods in Coordination of Transition Metal Centers. Inorganic Chemistry, 2005, 44, 77-84.	4.0	27
47	Microwave structural studies of organoselenium compounds 1. Microwave spectra, molecular structure, and methyl barrier to internal rotation of dimethyl diselenide. Journal of Molecular Spectroscopy, 2004, 226, 169-181.	1.2	20
48	Chloromethanesulfonylethene and Dichloromethanesulfonylethene: New Reagents for Tandem Dielsâ€"Alder/Rambergâ€"Baecklund Reactions.. ChemInform, 2004, 35, no.	0.0	0
49	Prepackaged Rambergâ€"Baecklund Reagents: Useful Tools for Organic Synthesis.. ChemInform, 2004, 35, no.	0.0	0
50	Prepackaged Rambergâ€"BÃcklund reagents: useful tools for organic synthesis. Tetrahedron, 2004, 60, 7525-7541.	1.9	15
51	Element selective characterization of stability and reactivity of selenium species in selenized yeast. Journal of Analytical Atomic Spectrometry, 2004, 19, 65.	3.0	54
52	The Sulfur Chemistry of Shiitake Mushroom. Journal of the American Chemical Society, 2004, 126, 458-459.	13.7	42
53	Aversion of European Starlings (Sturnus vulgaris) to Garlic Oil Treated Granules:Â Garlic Oil as an Avian Repellent. Garlic Oil Analysis by Nuclear Magnetic Resonance Spectroscopy. Journal of Agricultural and Food Chemistry, 2004, 52, 2192-2196.	5.2	28
54	Identification and Synthesis of a Novel Seleniumâˆ'Sulfur Amino Acid Found in Selenized Yeast:Â Rapid Indirect Detection NMR Methods for Characterizing Low-Level Organoselenium Compounds in Complex Matrices. Journal of Agricultural and Food Chemistry, 2004, 52, 3761-3771.	5.2	53

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55	Powder Diffraction Study of a Coordination Polymer Comprised of Rigid Building Blocks:Â [Rh2(O2CCH3)4Â·Î¼2-Se2C5H8-Se,Seâ€²]âˆž. Inorganic Chemistry, 2004, 43, 5558-5563.	4.0	24
56	Chloromethanesulfonylethene and Dichloromethanesulfonylethene:â€‰ New Reagents for Tandem Dielsâ^'Alder/Rambergâ^'BÃcklund Reactions. Organic Letters, 2004, 6, 437-440.	4.6	9
57	Perthio- and Perseleno-1,3-butadienes, -but-1-ene-3-ynes, and -[3]-cumulenes: One-Step Syntheses from 1,4-Dilithio-1,3-butadiyne.. ChemInform, 2003, 34, no.	0.0	0
58	Synthesis, Electrochemistry, and Gas-Phase Photoelectron Spectroscopic and Theoretical Studies of 3,6-Bis(perfluoroalkyl)-1,2-dithiins. Journal of Organic Chemistry, 2003, 68, 8110-8114.	3.2	21
59	Revised Structure of a Purported 1,2-Dioxin:â€‰ A Combined Experimental and Theoretical Study. Journal of Organic Chemistry, 2003, 68, 4108-4111.	3.2	6
60	Small Organoselenium Molecules. 1. Dimethyl Selenoxide:Â Structure, Complexation, and Gas-Phase Transformation. Inorganic Chemistry, 2003, 42, 1966-1972.	4.0	24
61	The First Coordination Complexes of Selenones:Â A Structural Comparison with Complexes of Sulfonesâ€. Inorganic Chemistry, 2003, 42, 7098-7105.	4.0	21
62	Perthio- and Perseleno-1,3-butadienes, -but-1-ene-3-ynes, and -[3]-cumulenes:â€‰ One-Step Syntheses from 1,4-Dilithio-1,3-butadiyne. Organic Letters, 2003, 5, 1325-1327.	4.6	18
63	AlliumChemistry:Â Synthesis, Natural Occurrence, Biological Activity, and Chemistry ofSe-Alk(en)ylselenocysteines and Their Î³-Glutamyl Derivatives and Oxidation Products. Journal of Agricultural and Food Chemistry, 2001, 49, 458-470.	5.2	70
64	Chemistry of Analogous Organoselenium and Organosulfur Compounds. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 172, 1-23.	1.6	3
65	Anticarcinogenic Organoselenium Compounds - Chromatographic, Atomic and Molecular Mass Spectral Speciation. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 171, 31-56.	1.6	6
66	High-performance liquid chromatography of selenium compounds utilizing perfluorinated carboxylic acid ion-pairing agents and inductively coupled plasma and electrospray ionization mass spectrometric detection. Journal of Chromatography A, 2000, 866, 51-63.	3.7	137
67	Gas-Phase Photoelectron Spectroscopic and Theoretical Studies of 1,2-Dichalcogenins:Â Ionization Energies, Orbital Assignments, and an Explanation of Their Color. Journal of the American Chemical Society, 2000, 122, 5065-5074.	13.7	27
68	Selenium speciation in enriched and natural samples by HPLC-ICP-MS and HPLC-ESI-MS with perfluorinated carboxylic acid ion-pairing agents. Analyst, The, 2000, 125, 71-78.	3.5	233
69	Chemical Speciation Influences Comparative Activity of Selenium-Enriched Garlic and Yeast in Mammary Cancer Prevention. Journal of Agricultural and Food Chemistry, 2000, 48, 2062-2070.	5.2	268
70	Chemical Speciation Influences Comparative Activity of Selenium-Enriched Garlic and Yeast in Mammary Cancer Prevention. Journal of Agricultural and Food Chemistry, 2000, 48, 4452-4452.	5.2	23
71	Synthesis, Properties, Oxidation, and Electrochemistry of 1,2-Dichalcogenins. Journal of the American Chemical Society, 2000, 122, 5052-5064.	13.7	67
72	Reduction of Permanganate by Thioanisole:Â Lewis Acid Catalysis. Journal of Organic Chemistry, 2000, 65, 1008-1015.	3.2	39

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73	Characterization of selenium species in biological extracts by enhanced ion-pair liquid chromatography with inductively coupled plasma-mass spectrometry and by referenced electrospray ionization-mass spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1999, 54, 1573-1591.	2.9	59
74	Visible-light Photochemistry and Phototoxicity of Thiarubrines. Photochemistry and Photobiology, 1999, 70, 159-165.	2.5	16
75	1,2-Dichalcogenins: Simple Syntheses of 1,2-Diselenins, 1,2-Dithiins, and 2-Selenathiin. Angewandte Chemie - International Edition, 1999, 38, 1604-1607.	13.8	58
76	Identification of the principal selenium compounds in selenium-enriched natural sample extracts by ion-pair liquid chromatography with inductively coupled plasma- and electrospray ionization-mass spectrometric detection. Analytical Communications, 1999, 36, 249-252.	2.2	112
77	Synthesis and Structural Characterization of Neutral Silver(I) Complexes with Arenephosphinothiols. Crystal Structures of [Ag4{2-(Ph2P)-6-(Me3Si)C6H6S}4] and [Ag4{2-(Ph2PO)-6-(Me3Si)C6H3S}4]. Inorganic Chemistry, 1999, 38, 538-544.	4.0	30
78	Recent Advances in the Chemistry of 1,2-Dithiins. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 153, 173-192.	1.6	11
79	Rotational Spectra, Molecular Structure, and Electric Dipole Moment of PropanethialS-Oxide. Journal of Physical Chemistry A, 1999, 103, 4948-4954.	2.5	9
80	Analytical selenoamino acid studies by chromatography with interfaced atomic mass spectrometry and atomic emission spectral detection. Fresenius' Journal of Analytical Chemistry, 1998, 362, 447-456.	1.5	65
81	Allium chemistry: identification of organosulfur compounds in ramp (allium tricoccum) homogenates fn1 fn1Dedicated with best wishes to Professor G. H. Neil Towers on the occasion of his 75th birthday.. Phytochemistry, 1998, 49, 359-364.	2.9	41
82	Garlic as a Functional Food: A Status Report. ACS Symposium Series, 1998, , 125-143.	0.5	10
83	The Search for Anticarcinogenic Organoselenium Compounds from Natural Sources. Phosphorus, Sulfur and Silicon and the Related Elements, 1998, 136, 1-10.	1.6	11
84	Significant Intramolecular Sulfur-Sulfur Interactions incis-andtrans-2,3-Dimethyl-5,6-dithiabicyclo[2.1.1]hexane. Synlett, 1997, 1997, 525-528.	1.8	8
85	Organoselenium and Organosulfur Phytochemicals from Genus Allium Plants (Onion, Garlic): Relevance for Cancer Protection. , 1997, , 215-221.		5
86	Spectroscopic, Theoretical, and Electrochemical Studies of 1,2-Dithiins. Phosphorus, Sulfur and Silicon and the Related Elements, 1997, 120, 439-440.	1.6	13
87	Speciation of Selenoamino Acids and Organoselenium Compounds in Selenium-enriched Yeast Using High-performance Liquid Chromatographyâ€“Inductively Coupled Plasma Mass Spectrometry. Journal of Analytical Atomic Spectrometry, 1997, 12, 785-788.	3.0	125
88	AlliumChemistry:Â Synthesis of 1-[Alk(en)ylsulfinyl]propyl Alk(en)yl Disulfides (Cepaenes), Antithrombotic Flavorants from Homogenates of Onion (Allium cepa). Journal of Agricultural and Food Chemistry, 1997, 45, 4414-4422.	5.2	36
89	Comments on Garlic Chemistry:Â Stability ofS-(2-Propenyl) 2-Propene-1-sulfinothioate (Allicin) in Blood, Solvents, and Simulated Physiological Fluids. Journal of Agricultural and Food Chemistry, 1997, 45, 542-542.	5.2	12
90	Supercritical Fluid Extraction of Allium Species. ACS Symposium Series, 1997, , 113-124.	0.5	2

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91	AlliumChemistry:Â Supercritical Fluid Extraction and LCâ"APCIâ"MS of Thiosulfinates and Related Compounds from Homogenates of Garlic, Onion, and Ramp. Identification in Garlic and Ramp and Synthesis of 1-Propanesulfinothioic AcidS-Allyl Ester. Journal of Agricultural and Food Chemistry, 1997, 45, 4406-4413.	5.2	74
92	1H-{125Te} indirect detection in nuclear magnetic resonance spectra of organotellurium compounds. Magnetic Resonance in Chemistry, 1997, 35, 752-756.	1.9	20
93	High-performance liquid chromatography of selenoamino acids and organo selenium compounds. Journal of Chromatography A, 1997, 789, 349-359.	3.7	107
94	1Hâ€"{125Te} indirect detection in nuclear magnetic resonance spectra of organotellurium compounds. Magnetic Resonance in Chemistry, 1997, 35, 752-756.	1.9	1
95	Peeling the Onion. , 1997, , 1-30.		7
96	AlliumChemistry:Â Microwave Spectroscopic Identification, Mechanism of Formation, Synthesis, and Reactions of (E,Z)-PropanethialS-Oxide, the Lachrymatory Factor of the Onion (Allium cepa). Journal of the American Chemical Society, 1996, 118, 7492-7501.	13.7	69
97	Allium Chemistry:â€‰ Structure, Synthesis, Natural Occurrence in Onion (Allium cepa), and Reactions of 2,3-Dimethyl-5,6-dithiabicyclo[2.1.1]hexane S-Oxides. Journal of the American Chemical Society, 1996, 118, 2790-2798.	13.7	37
98	Allium Chemistry:â€‰ Synthesis and Sigmatropic Rearrangements of Alk(en)yl 1-Propenyl Disulfide S-Oxides from Cut Onion and Garlic1. Journal of the American Chemical Society, 1996, 118, 2799-2810.	13.7	92
99	Photochemistry of Thiarubrine A and Other 1,2-Dithiins:Â Formation of 2,6-Dithiabicyclo[3.1.0]hex-3-enes. Journal of the American Chemical Society, 1996, 118, 4719-4720.	13.7	37
100	Identification of selenium species in selenium-enriched garlic, onion and broccoli using high-performance ion chromatography with inductively coupled plasma mass spectrometry detection. Analytical Communications, 1996, 33, 279.	2.2	73
101	Thietanes and Thietes: Fused-ring Derivatives. , 1996, , 803-821.		1
102	Allium chemistry: Natural abundance of organoselenium compounds from garlic, onion and related plants and in human garlic breath. Pure and Applied Chemistry, 1996, 68, 937-944.	1.9	42
103	Microwave Spectra, Molecular Structure, and Electric Dipole Moment of 1,2-Dithiin. Journal of Molecular Spectroscopy, 1996, 180, 139-144.	1.2	25
104	Recent Results in the Organosulfur and Organoselenium Chemistry of Genus Allium and Brassica Plants. Advances in Experimental Medicine and Biology, 1996, 401, 155-169.	1.6	27
105	Microwave Investigation of (Z)- and (E)-EthanethialS-Oxide. The Journal of Physical Chemistry, 1996, 100, 18708-18717.	2.9	16
106	Thietanes and Thietes: Monocyclic. , 1996, , 773-802.		3
107	Allium Chemistry: Identification of Selenoamino Acids in Ordinary and Selenium-Enriched Garlic, Onion, and Broccoli Using Gas Chromatography with Atomic Emission Detection. Journal of Agricultural and Food Chemistry, 1995, 43, 1754-1757.	5.2	148
108	Allium Chemistry: Identification of Natural Abundance Organoselenium Compounds in Human Breath after Ingestion of Garlic Using Gas Chromatography with Atomic Emission Detection. Journal of Agricultural and Food Chemistry, 1995, 43, 1751-1753.	5.2	79

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109	Supercritical Fluid Chromatography of Garlic (Allium sativum) Extracts with Mass Spectrometric Identification of Allicin. Journal of Chromatographic Science, 1994, 32, 93-96.	1.4	30
110	Simple Total Syntheses of Biologically Active Pentathiadecane Natural Products, 2,4,5,7,9-Pentathiadecane 2,2,9,9-Tetraoxide (Dysoxysulfone), from Dysoxylum richii, and 2,3,5,7,9-Pentathiadecane 9,9-Dioxide, the Misidentified Lenthionine Precursor SE-3 from Shiitake Mushroom (Lentinus edodes). Journal of Organic Chemistry, 1994, 59, 2273-2275.	3.2	35
111	Off-Line Supercritical Fluid Extraction of Thiosulfinates from Garlic and Onion. Journal of Agricultural and Food Chemistry, 1994, 42, 1335-1341.	5.2	37
112	Total Synthesis of Thiarubrine B [3-(3-Buten-1-ynyl)-6-(1,3-pentadiynyl)-1,2-dithiin], the Antibiotic Principle of Giant Ragweed (Ambrosia trifida). Journal of the American Chemical Society, 1994, 116, 9403-9404.	13.7	57
113	Facts and Artifacts in Allium Chemistry. ACS Symposium Series, 1994, , 63-79.	0.5	16
114	Headspaceâ€“gas chromatography with atomic emission and mass selective detection for the determination of organoselenium compounds in elephant garlic. Analytical Proceedings, 1994, 31, 325-327.	0.4	16
115	Onion (Allium cepa L.) Thiosulfinates Respond to Increasing Sulfur Fertility. Journal of Agricultural and Food Chemistry, 1994, 42, 2085-2088.	5.2	54
116	Allium chemistry: Identification of natural abundance organoselenium volatiles from garlic, elephant garlic, onion, and Chinese chive using headspace gas chromatography with atomic emission detection. Journal of Agricultural and Food Chemistry, 1994, 42, 2081-2084.	5.2	59
117	Chemistry in a salad bowl: Comparative organosulfur chemistry of garlic, onion and shiitake mushrooms. Pure and Applied Chemistry, 1994, 66, 2205-2206.	1.9	12
118	Simple synthesis ofendo-2-bromo-5-thiabicyclo[2.1.1]hexane. Heteroatom Chemistry, 1993, 4, 33-37.	0.7	7
119	Flavor artifacts. Journal of Agricultural and Food Chemistry, 1993, 41, 692-692.	5.2	25
120	Flavorants from Garlic, Onion, and Other Alliums and Their Cancer-Preventive Properties. ACS Symposium Series, 1993, , 84-96.	0.5	10
121	Allium chemistry: Synthesis of alk(en)yl 3,4-dimethyl-2-thienyl disulfides, components of distilled oils and extracts of Allium species. Journal of Agricultural and Food Chemistry, 1993, 41, 2235-2237.	5.2	8
122	Organosulfur chemistry of garlic and onion: Recent results. Pure and Applied Chemistry, 1993, 65, 625-632.	1.9	69
123	Allium chemistry: simple synthesis of antithrombotic cepaenes from onion and deoxycepaenes from oil of shallot by reaction 1-propenethiolate with sulfonyl halides. Journal of Organic Chemistry, 1992, 57, 5815-5817.	3.2	26
124	Allium chemistry: GC-MS analysis of thiosulfinates and related compounds from onion, leek, scallion, shallot, chive, and Chinese chive. Journal of Agricultural and Food Chemistry, 1992, 40, 2431-2438.	5.2	142
125	In pursuit of cyclopropanethione: cyclopropanethione S-oxide and S,S-dioxide. Journal of the American Chemical Society, 1992, 114, 3492-3499.	13.7	30
126	Catalytic disproportionation and reduction of hydrazine by sulfur-ligated molybdenum(IV) complexes. Characterization of the catalytic precursor [(2-SC5H3N-3-SiMe3)Cl2Mo(.mu.-S2)(.mu.-2-SC5H3NH-3-SiMe3)MoCl2(2-SC5H3N-3-SiMe3)].cntdot.thf. Journal of the American Chemical Society, 1992, 114, 758-759.	13.7	39

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127	Allium chemistry: HPLC analysis of thiosulfinates from onion, garlic, wild garlic (ramsoms), leek, scallion, shallot, elephant (great-headed) garlic, chive, and Chinese chive. Uniquely high allyl to methyl ratios in some garlic samples. Journal of Agricultural and Food Chemistry, 1992, 40, 2418-2430.	5.2	257
128	The Organosulfur Chemistry of the Genus Allium â€“ Implications for the Organic Chemistry of Sulfur. Angewandte Chemie International Edition in English, 1992, 31, 1135-1178.	4.4	914
129	Die Organoschwefelchemie der Gattung Allium und ihre Bedeutung fÃ¼r die organische Chemie des Schwefels. Angewandte Chemie, 1992, 104, 1158-1203.	2.0	85
130	Complexes of group 15 metals with sterically hindered thiolate ligands. Crystal and molecular structures of [Sb(2-SC5H4N)3], [Sb(2-SC5H3N-3-SiMe3)3], and [Bi(2-SC5H3N-3-SiMe3)3]. Inorganic Chemistry, 1991, 30, 4784-4788.	4.0	36
131	Preparations, structures and reactions of molybdenum complexes of triorgano silylated pyridine-2-thiols. Inorganic Chemistry, 1991, 30, 1736-1747.	4.0	54
132	Electrophilic Addition of XY Reagents to Alkenes and Alkynes. , 1991, , 329-362.		24
133	Complexes of Group 12 metals with sterically-hindered thiolate ligands. The crystal and molecular structures of [Zn2(2-SC5H3N-3-SiMe3)4] and [CdI2(2-SC5H3NH-6-SiMe2But)2]. Inorganica Chimica Acta, 1991, 189, 137-139.	2.4	21
134	Thiolate chemistry of the main group metals. The synthesis and structures of [Sn(2- SC5H3N-3-SiMe3)4] and [Pb3(2-SC5H3N-3-SiMe3)6]. Inorganica Chimica Acta, 1991, 190, 5-6.	2.4	21
135	Rhodium(III) complexes with sterically-hindered thiolate ligands. Crystal structures of [Rh(2-SC5H3N-3-SiMe3)3] and [Rh(2-SC5H3N-3-SiMe3)2(C5Me5)]Â·CH3CN. Inorganica Chimica Acta, 1991, 190, 97-102.	2.4	10
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