

# Eric Block

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4630377/publications.pdf>

Version: 2024-02-01

224  
papers

11,367  
citations

34493

54  
h-index

42259

96  
g-index

252  
all docs

252  
docs citations

252  
times ranked

6910  
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-mediated thiol potentiation and mutagenesis-guided modeling suggest a highly conserved copper-binding motif in human OR2M3. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2157-2179.	2.4	29
2	Semiochemical responsive olfactory sensory neurons are sexually dimorphic and plastic. <i>ELife</i> , 2020, 9, .	2.8	21
3	Visualizing sulfur with X-rays: From molecules to tissues. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 618-623.	0.8	3
4	Fifty-five years of smelling sulfur. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 689-691.	0.8	2
5	Molecular mechanism of activation of human musk receptors OR5AN1 and OR1A1 by ( <i>R</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock Sciences of the United States of America, 2018, 115, E3950-E3958.	3.3	57
6	Molecular Basis of Mammalian Odor Discrimination: A Status Report. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 13346-13366.	2.4	43
7	Ajothiolanes: 3,4-Dimethylthiolane Natural Products from Garlic ( <i>Allium sativum</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10193-10204.	2.4	19
8	A Multispecific Investigation of the Metal Effect in Mammalian Odorant Receptors for Sulfur-Containing Compounds. <i>Chemical Senses</i> , 2018, 43, 357-366.	1.1	7
9	The role of metals in mammalian olfaction of low molecular weight organosulfur compounds. <i>Natural Product Reports</i> , 2017, 34, 529-557.	5.2	33
10	Photochemically Generated Thiyl Free Radicals Observed by X-ray Absorption Spectroscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 11519-11526.	6.6	23
11	Fifty years of smelling sulfur: From the chemistry of garlic to the molecular basis for olfaction. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 141-144.	0.8	11
12	Fluorinated Analogs of Organosulfur Compounds from Garlic ( <i>Allium sativum</i> ): Synthesis, Chemistry and Anti-Angiogenesis and Antithrombotic Studies. <i>Molecules</i> , 2017, 22, 2081.	1.7	26
13	Smelling Sulfur: Copper and Silver Regulate the Response of Human Odorant Receptor OR2T11 to Low-Molecular-Weight Thiols. <i>Journal of the American Chemical Society</i> , 2016, 138, 13281-13288.	6.6	60
14	Trifluoroselenomethionine: A New Unnatural Amino Acid. <i>ChemBioChem</i> , 2016, 17, 1738-1751.	1.3	27
15	Implausibility of the vibrational theory of olfaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2766-74.	3.3	76
16	Reply to Turin et al.: Vibrational theory of olfaction is implausible. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3155.	3.3	19
17	QM/MM Model of the Mouse Olfactory Receptor MOR244-3 Validated by Site-Directed Mutagenesis Experiments. <i>Biophysical Journal</i> , 2014, 107, L5-L8.	0.2	32
18	Liquid sulfur as a reagent: synthesis of polysulfanes with 20 or more sulfur atoms with characterization by UPLC-(Ag <sup>+</sup> )-coordination ion spray-MS. <i>Journal of Sulfur Chemistry</i> , 2013, 34, 55-66.	1.0	38

#	ARTICLE	IF	CITATIONS
19	Gas-phase structures of dithietane derivatives, including an electron diffraction study of 1,3-dithietane 1,1,3,3-tetraoxide. <i>Structural Chemistry</i> , 2013, 24, 827-835.	1.0	3
20	Smelling Sulfur: Discovery of a Sulfur-Sensing Olfactory Receptor that Requires Copper. <i>ACS Symposium Series</i> , 2013, , 1-14.	0.5	5
21	Fifty years of smelling sulfur. <i>Journal of Sulfur Chemistry</i> , 2013, 34, 158-207.	1.0	32
22	Crucial role of copper in detection of metal-coordinating odorants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3492-3497.	3.3	104
23	Microwave Spectra and Gas Phase Structural Parameters for N-Hydroxypyridine-2(1H)-thione. <i>Journal of Physical Chemistry A</i> , 2011, 115, 14526-14530.	1.1	5
24	Challenges and Artifact Concerns in Analysis of Volatile Sulfur Compounds. <i>ACS Symposium Series</i> , 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). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 1085-1093.	0.8	21
26	Allium chemistry: Use of new instrumental techniques to reactive organosulfur species formed upon crushing garlic and onion. <i>Pure and Applied Chemistry</i> , 2010, 82, 535-539.	0.9	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. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 4617-4625.	2.4	111
28	Electrochemical and Chemical Oxidation of Dithia-, Diselena-, Ditellura-, Selenathia-, and Tellurathiamocycles and Stability of the Oxidized Species. <i>Journal of Organic Chemistry</i> , 2010, 75, 1997-2009.	1.7	29
29	Applications of Direct Analysis in Real Time Mass Spectrometry (DART-MS) in Allium Chemistry. (Z)-Butanethial S-Oxide and 1-Butenyl Thiosulfinates and Their S-(E)-1-Butenylcysteine S-Oxide Precursor from <i>Allium sicutum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1121-1128.	2.4	84
30	Localizing the Chemical Forms of Sulfur in Vivo Using X-ray Fluorescence Spectroscopic Imaging: Application to Onion ( <i>Allium cepa</i> ) Tissues. <i>Biochemistry</i> , 2009, 48, 6846-6853.	1.2	43
31	Chemistry of Mixed Sulfur-, Selenium-, or Tellurium- and Silicon-, or Tin-Containing Heterocycles. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 856-862.	0.8	5
32	Photooxygenation of 1,5-Thiaselenocane. <i>Journal of Organic Chemistry</i> , 2008, 73, 8587-8590.	1.7	7
33	Insights into the Chemical Biology of Selenium. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 924-930.	0.8	8
34	Effect of Raw Garlic vs Commercial Garlic Supplements on Plasma Lipid Concentrations in Adults With Moderate Hypercholesterolemia. <i>Archives of Internal Medicine</i> , 2007, 167, 346.	4.3	145
35	Interaction of Câ-Si, Câ-Sn, and Si-Si $\sigma$ -Bonds with Chalcogen Lone Pairs. <i>Journal of Organic Chemistry</i> , 2007, 72, 8290-8297.	1.7	13
36	Synthesis, structure, reactions, and photoelectron spectra of new mixed sulfur-, selenium- or tellurium and silicon- or tin-containing heterocycles. <i>Heteroatom Chemistry</i> , 2007, 18, 509-515.	0.4	12

#	ARTICLE	IF	CITATIONS
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.	6.6	1
38	Synthesis, Structure, and Chemistry of New, Mixed Group 14 and 16 Heterocycles: A Nucleophile-Induced Ring Contraction of Mesocyclic Dications. Journal of the American Chemical Society, 2006, 128, 14949-14961.	6.6	56
39	The Si <sup>+</sup> Si Effect on Ionization of $\hat{\nu}^2$ -Disilanyl Sulfides and Selenides. Journal of the American Chemical Society, 2006, 128, 12685-12692.	6.6	15
40	Pro-angiogenesis action of arsenic and its reversal by selenium-derived compounds. Carcinogenesis, 2006, 28, 962-967.	1.3	38
41	Encoding social signals in the mouse main olfactory bulb. Nature, 2005, 434, 470-477.	13.7	386
42	$\hat{\nu}^2$ -Unsaturated $\hat{\nu}^2$ -Halomethylsulfones: Prepackaged Ramberg $\hat{\nu}^2$ -Baecklund Reagents for Tandem Synthetic Processes. ChemInform, 2005, 36, no.	0.1	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.	0.9	7
45	$\hat{\nu}^2$ -Unsaturated $\hat{\nu}^2$ -Halomethylsulfones: Prepackaged Ramberg $\hat{\nu}^2$ -Baecklund Reagents for Tandem Synthetic Processes. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1197-1202.	0.8	3
46	Spirocyclic Sulfur and Selenium Ligands as Molecular Rigid Rods in Coordination of Transition Metal Centers. Inorganic Chemistry, 2005, 44, 77-84.	1.9	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.	0.4	20
48	Chloromethanesulfonylethene and Dichloromethanesulfonylethene: New Reagents for Tandem Diels $\hat{\nu}^2$ -Alder/Ramberg $\hat{\nu}^2$ -Baecklund Reactions.. ChemInform, 2004, 35, no.	0.1	0
49	Prepackaged Ramberg $\hat{\nu}^2$ -Baecklund Reagents: Useful Tools for Organic Synthesis.. ChemInform, 2004, 35, no.	0.1	0
50	Prepackaged Ramberg $\hat{\nu}^2$ -Baecklund reagents: useful tools for organic synthesis. Tetrahedron, 2004, 60, 7525-7541.	1.0	15
51	Element selective characterization of stability and reactivity of selenium species in selenized yeast. Journal of Analytical Atomic Spectrometry, 2004, 19, 65.	1.6	54
52	The Sulfur Chemistry of Shiitake Mushroom. Journal of the American Chemical Society, 2004, 126, 458-459.	6.6	42
53	Aversion of European Starlings ( <i>Sturnus vulgaris</i> ) to Garlic Oil Treated Granules: A Garlic Oil as an Avian Repellent. Garlic Oil Analysis by Nuclear Magnetic Resonance Spectroscopy. Journal of Agricultural and Food Chemistry, 2004, 52, 2192-2196.	2.4	28
54	Identification and Synthesis of a Novel Selenium $\hat{\nu}^2$ -Sulfur Amino Acid Found in Selenized Yeast: A Rapid Indirect Detection NMR Methods for Characterizing Low-Level Organoselenium Compounds in Complex Matrices. Journal of Agricultural and Food Chemistry, 2004, 52, 3761-3771.	2.4	53

#	ARTICLE	IF	CITATIONS
55	Powder Diffraction Study of a Coordination Polymer Comprised of Rigid Building Blocks: $[Rh_2(O_2CCH_3)_4]_{1/2} \cdot Se_2C_5H_8Se$ . <i>Inorganic Chemistry</i> , 2004, 43, 5558-5563.	1.9	24
56	Chloromethanesulfonylethene and Dichloromethanesulfonylethene: New Reagents for Tandem Diels-Alder/Ramberg-Bäcklund Reactions. <i>Organic Letters</i> , 2004, 6, 437-440.	2.4	9
57	Perthio- and Perseleno-1,3-butadienes, -but-1-ene-3-yne, and -[3]-cumulenes: One-Step Syntheses from 1,4-Dithio-1,3-butadiene. <i>ChemInform</i> , 2003, 34, no.	0.1	0
58	Synthesis, Electrochemistry, and Gas-Phase Photoelectron Spectroscopic and Theoretical Studies of 3,6-Bis(perfluoroalkyl)-1,2-dithiins. <i>Journal of Organic Chemistry</i> , 2003, 68, 8110-8114.	1.7	21
59	Revised Structure of a Purported 1,2-Dioxin: A Combined Experimental and Theoretical Study. <i>Journal of Organic Chemistry</i> , 2003, 68, 4108-4111.	1.7	6
60	Small Organoselenium Molecules. 1. Dimethyl Selenoxide: Structure, Complexation, and Gas-Phase Transformation. <i>Inorganic Chemistry</i> , 2003, 42, 1966-1972.	1.9	24
61	The First Coordination Complexes of Selenones: A Structural Comparison with Complexes of Sulfones. <i>Inorganic Chemistry</i> , 2003, 42, 7098-7105.	1.9	21
62	Perthio- and Perseleno-1,3-butadienes, -but-1-ene-3-yne, and -[3]-cumulenes: One-Step Syntheses from 1,4-Dithio-1,3-butadiene. <i>Organic Letters</i> , 2003, 5, 1325-1327.	2.4	18
63	Allium Chemistry: Synthesis, Natural Occurrence, Biological Activity, and Chemistry of Se-Alk(en)ylselenocysteines and Their $\beta$ -Glutamyl Derivatives and Oxidation Products. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 458-470.	2.4	70
64	Chemistry of Analogous Organoselenium and Organosulfur Compounds. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2001, 172, 1-23.	0.8	3
65	Anticarcinogenic Organoselenium Compounds - Chromatographic, Atomic and Molecular Mass Spectral Speciation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2001, 171, 31-56.	0.8	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. <i>Journal of Chromatography A</i> , 2000, 866, 51-63.	1.8	137
67	Gas-Phase Photoelectron Spectroscopic and Theoretical Studies of 1,2-Dichalcogenins: Ionization Energies, Orbital Assignments, and an Explanation of Their Color. <i>Journal of the American Chemical Society</i> , 2000, 122, 5065-5074.	6.6	27
68	Selenium speciation in enriched and natural samples by HPLC-ICP-MS and HPLC-ESI-MS with perfluorinated carboxylic acid ion-pairing agents. <i>Analyst</i> , 2000, 125, 71-78.	1.7	233
69	Chemical Speciation Influences Comparative Activity of Selenium-Enriched Garlic and Yeast in Mammary Cancer Prevention. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 2062-2070.	2.4	268
70	Chemical Speciation Influences Comparative Activity of Selenium-Enriched Garlic and Yeast in Mammary Cancer Prevention. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 4452-4452.	2.4	23
71	Synthesis, Properties, Oxidation, and Electrochemistry of 1,2-Dichalcogenins. <i>Journal of the American Chemical Society</i> , 2000, 122, 5052-5064.	6.6	67
72	Reduction of Permanganate by Thioanisole: Lewis Acid Catalysis. <i>Journal of Organic Chemistry</i> , 2000, 65, 1008-1015.	1.7	39

#	ARTICLE	IF	CITATIONS
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. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1999, 54, 1573-1591.	1.5	59
74	Visible-light Photochemistry and Phototoxicity of Thiurubines. <i>Photochemistry and Photobiology</i> , 1999, 70, 159-165.	1.3	16
75	1,2-Dichalcogenins: Simple Syntheses of 1,2-Diselenins, 1,2-Dithiins, and 2-Selenathiin. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1604-1607.	7.2	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. <i>Analytical Communications</i> , 1999, 36, 249-252.	2.2	112
77	Synthesis and Structural Characterization of Neutral Silver(I) Complexes with Arenephosphinothiols. Crystal Structures of [Ag <sub>4</sub> {2-(Ph <sub>2</sub> P)-6-(Me <sub>3</sub> Si)C <sub>6</sub> H <sub>6</sub> S} <sub>4</sub> ] and [Ag <sub>4</sub> {2-(Ph <sub>2</sub> PO)-6-(Me <sub>3</sub> Si)C <sub>6</sub> H <sub>3</sub> S} <sub>4</sub> ]. <i>Inorganic Chemistry</i> , 1999, 38, 538-544.	1.9	30
78	Recent Advances in the Chemistry of 1,2-Dithiins. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999, 153, 173-192.	0.8	11
79	Rotational Spectra, Molecular Structure, and Electric Dipole Moment of PropanethialS-Oxide. <i>Journal of Physical Chemistry A</i> , 1999, 103, 4948-4954.	1.1	9
80	Analytical selenoamino acid studies by chromatography with interfaced atomic mass spectrometry and atomic emission spectral detection. <i>Fresenius' Journal of Analytical Chemistry</i> , 1998, 362, 447-456.	1.5	65
81	Allium chemistry: identification of organosulfur compounds in ramp ( <i>allium tricoccum</i> ) homogenates Dedicated with best wishes to Professor G. H. Neil Towers on the occasion of his 75th birthday.. <i>Phytochemistry</i> , 1998, 49, 359-364.	1.4	41
82	Garlic as a Functional Food: A Status Report. <i>ACS Symposium Series</i> , 1998, , 125-143.	0.5	10
83	The Search for Anticarcinogenic Organoselenium Compounds from Natural Sources. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1998, 136, 1-10.	0.8	11
84	Significant Intramolecular Sulfur-Sulfur Interactions in cis- and trans-2,3-Dimethyl-5,6-dithiabicyclo[2.1.1]hexane. <i>Synlett</i> , 1997, 1997, 525-528.	1.0	8
85	Organoselenium and Organosulfur Phytochemicals from Genus <i>Allium</i> Plants (Onion, Garlic): Relevance for Cancer Protection. , 1997, , 215-221.		5
86	Spectroscopic, Theoretical, and Electrochemical Studies of 1,2-Dithiins. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1997, 120, 439-440.	0.8	13
87	Speciation of Selenoamino Acids and Organoselenium Compounds in Selenium-enriched Yeast Using High-performance Liquid Chromatography-Inductively Coupled Plasma Mass Spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 1997, 12, 785-788.	1.6	125
88	Allium Chemistry: Synthesis of 1-[Alk(en)ylsulfanyl]propyl Alk(en)yl Disulfides (Cepaenes), Antithrombotic Flavorants from Homogenates of Onion ( <i>Allium cepa</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 4414-4422.	2.4	36
89	Comments on Garlic Chemistry: Stability of S-(2-Propenyl) 2-Propene-1-sulfinothioate (Allicin) in Blood, Solvents, and Simulated Physiological Fluids. <i>Journal of Agricultural and Food Chemistry</i> , 1997, 45, 542-542.	2.4	12
90	Supercritical Fluid Extraction of <i>Allium</i> Species. <i>ACS Symposium Series</i> , 1997, , 113-124.	0.5	2

#	ARTICLE	IF	CITATIONS
91	AlliumChemistry:Â Supercritical Fluid Extraction and LC-APCI-MS of Thiosulfonates and Related Compounds from Homogenates of Garlic, Onion, and Ramp. Identification in Garlic and Ramp and Synthesis of 1-Propanesulfinothioic Acid S-Allyl Ester. Journal of Agricultural and Food Chemistry, 1997, 45, 4406-4413.	2.4	74
92	<sup>125</sup> Te indirect detection in nuclear magnetic resonance spectra of organotellurium compounds. Magnetic Resonance in Chemistry, 1997, 35, 752-756.	1.1	20
93	High-performance liquid chromatography of selenoamino acids and organo selenium compounds. Journal of Chromatography A, 1997, 789, 349-359.	1.8	107
94	<sup>125</sup> Te indirect detection in nuclear magnetic resonance spectra of organotellurium compounds. Magnetic Resonance in Chemistry, 1997, 35, 752-756.	1.1	1
95	Peeling the Onion. , 1997, , 1-30.		7
96	AlliumChemistry:Â Microwave Spectroscopic Identification, Mechanism of Formation, Synthesis, and Reactions of (E,Z)-Propanethial S-Oxide, the Lachrymatory Factor of the Onion (Allium cepa). Journal of the American Chemical Society, 1996, 118, 7492-7501.	6.6	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.	6.6	37
98	Allium Chemistry:Â Synthesis and Sigmatropic Rearrangements of Alk(en)yl 1-Propenyl Disulfide S-Oxides from Cut Onion and Garlic. Journal of the American Chemical Society, 1996, 118, 2799-2810.	6.6	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.	6.6	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.	0.9	42
103	Microwave Spectra, Molecular Structure, and Electric Dipole Moment of 1,2-Dithiin. Journal of Molecular Spectroscopy, 1996, 180, 139-144.	0.4	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.	0.8	27
105	Microwave Investigation of (Z)- and (E)-Ethanethial S-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.	2.4	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.	2.4	79

#	ARTICLE	IF	CITATIONS
109	Supercritical Fluid Chromatography of Garlic ( <i>Allium sativum</i> ) Extracts with Mass Spectrometric Identification of Allicin. <i>Journal of Chromatographic Science</i> , 1994, 32, 93-96.	0.7	30
110	Simple Total Syntheses of Biologically Active Pentathiadecane Natural Products, 2,4,5,7,9-Pentathiadecane 2,2,9,9-Tetraoxide (Dysoxysulfone), from <i>Dysoxylum richii</i> , and 2,3,5,7,9-Pentathiadecane 9,9-Dioxide, the Misidentified Lenthionine Precursor SE-3 from Shiitake Mushroom ( <i>Lentinus edodes</i> ). <i>Journal of Organic Chemistry</i> , 1994, 59, 2273-2275.	1.7	35
111	Off-Line Supercritical Fluid Extraction of Thiosulfinates from Garlic and Onion. <i>Journal of Agricultural and Food Chemistry</i> , 1994, 42, 1335-1341.	2.4	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 ( <i>Ambrosia trifida</i> ). <i>Journal of the American Chemical Society</i> , 1994, 116, 9403-9404.	6.6	57
113	Facts and Artifacts in Allium Chemistry. <i>ACS Symposium Series</i> , 1994, , 63-79.	0.5	16
114	Headspace gas chromatography with atomic emission and mass selective detection for the determination of organoselenium compounds in elephant garlic. <i>Analytical Proceedings</i> , 1994, 31, 325-327.	0.4	16
115	Onion ( <i>Allium cepa</i> L.) Thiosulfinates Respond to Increasing Sulfur Fertility. <i>Journal of Agricultural and Food Chemistry</i> , 1994, 42, 2085-2088.	2.4	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. <i>Journal of Agricultural and Food Chemistry</i> , 1994, 42, 2081-2084.	2.4	59
117	Chemistry in a salad bowl: Comparative organosulfur chemistry of garlic, onion and shiitake mushrooms. <i>Pure and Applied Chemistry</i> , 1994, 66, 2205-2206.	0.9	12
118	Simple synthesis of endo-2-bromo-5-thiabicyclo[2.1.1]hexane. <i>Heteroatom Chemistry</i> , 1993, 4, 33-37.	0.4	7
119	Flavor artifacts. <i>Journal of Agricultural and Food Chemistry</i> , 1993, 41, 692-692.	2.4	25
120	Flavorants from Garlic, Onion, and Other Alliums and Their Cancer-Preventive Properties. <i>ACS Symposium Series</i> , 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. <i>Journal of Agricultural and Food Chemistry</i> , 1993, 41, 2235-2237.	2.4	8
122	Organosulfur chemistry of garlic and onion: Recent results. <i>Pure and Applied Chemistry</i> , 1993, 65, 625-632.	0.9	69
123	Allium chemistry: simple synthesis of antithrombotic cepaenes from onion and deoxycepaenes from oil of shallot by reaction 1-propenethiolate with sulfonyl halides. <i>Journal of Organic Chemistry</i> , 1992, 57, 5815-5817.	1.7	26
124	Allium chemistry: GC-MS analysis of thiosulfinates and related compounds from onion, leek, scallion, shallot, chive, and Chinese chive. <i>Journal of Agricultural and Food Chemistry</i> , 1992, 40, 2431-2438.	2.4	142
125	In pursuit of cyclopropanethione: cyclopropanethione S-oxide and S,S-dioxide. <i>Journal of the American Chemical Society</i> , 1992, 114, 3492-3499.	6.6	30
126	Catalytic disproportionation and reduction of hydrazine by sulfur-ligated molybdenum(IV) complexes. Characterization of the catalytic precursor [(2-SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>3</sub> )Cl <sub>2</sub> Mo(μ-S <sub>2</sub> )(μ-2-SC <sub>5</sub> H <sub>3</sub> NH-3-SiMe <sub>3</sub> )MoCl <sub>2</sub> (2-SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>3</sub> )] <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 1992, 114, 758-759.	6.6	39



#	ARTICLE	IF	CITATIONS
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. <i>Journal of Agricultural and Food Chemistry</i> , 1992, 40, 2418-2430.	2.4	257
128	The Organosulfur Chemistry of the Genus <i>Allium</i> - Implications for the Organic Chemistry of Sulfur. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1135-1178.	4.4	914
129	Die Organoschwefelchemie der Gattung <i>Allium</i> und ihre Bedeutung für die organische Chemie des Schwefels. <i>Angewandte Chemie</i> , 1992, 104, 1158-1203.	1.6	85
130	Complexes of group 15 metals with sterically hindered thiolate ligands. Crystal and molecular structures of [Sb(2-SC <sub>5</sub> H <sub>4</sub> N) <sub>3</sub> ], [Sb(2-SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>3</sub> ) <sub>3</sub> ], and [Bi(2-SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>3</sub> ) <sub>3</sub> ]. <i>Inorganic Chemistry</i> , 1991, 30, 4784-4788.	1.9	36
131	Preparations, structures and reactions of molybdenum complexes of triorgano silylated pyridine-2-thiols. <i>Inorganic Chemistry</i> , 1991, 30, 1736-1747.	1.9	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 [Zn <sub>2</sub> (2-SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>3</sub> ) <sub>4</sub> ] and [CdI <sub>2</sub> (2-SC <sub>5</sub> H <sub>3</sub> NH-6-SiMe <sub>2</sub> But) <sub>2</sub> ]. <i>Inorganica Chimica Acta</i> , 1991, 189, 137-139.	1.2	21
134	Thiolate chemistry of the main group metals. The synthesis and structures of [Sn(2-SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>3</sub> ) <sub>4</sub> ] and [Pb <sub>3</sub> (2-SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>3</sub> ) <sub>6</sub> ]. <i>Inorganica Chimica Acta</i> , 1991, 190, 5-6.	1.2	21
135	Rhodium(III) complexes with sterically-hindered thiolate ligands. Crystal structures of [Rh(2-SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>3</sub> ) <sub>3</sub> ] and [Rh(2-SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>3</sub> ) <sub>2</sub> (C <sub>5</sub> Me <sub>5</sub> )]·CH <sub>3</sub> CN. <i>Inorganica Chimica Acta</i> , 1991, 190, 97-102.	1.2	10
136	Molybdenum complexes with sterically-hindered thiolate ligands. The synthesis and structure of a seven coordinate complex with a molybdenum-diazenido core, [Mo(NNC <sub>6</sub> H <sub>5</sub> )(2-SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>3</sub> ) <sub>3</sub> ]. <i>Inorganica Chimica Acta</i> , 1991, 190, 179-184.	1.2	12
137	Complexes of Ni(II) with sterically-hindered thiolate ligands. Crystal structures of complexes with the [NiS <sub>2</sub> N <sub>2</sub> ], [NiS <sub>2</sub> P <sub>2</sub> ] and [NiS <sub>2</sub> O <sub>2</sub> ] cores. <i>Inorganica Chimica Acta</i> , 1991, 188, 7-13.	1.2	35
138	The synthesis and crystal and molecular structure of mer-tris(3-trimethylsilyl-2-pyridinethiolato)cobalt(III). <i>Inorganica Chimica Acta</i> , 1991, 188, 61-66.	1.2	14
139	Molybdenum complexes with sterically-hindered thiolate ligands. The synthesis and structure of [MoO(NNMePh)(2-SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>3</sub> ) <sub>2</sub> ]. <i>Inorganica Chimica Acta</i> , 1991, 181, 227-231.	1.2	21
140	Copper(I) complexes of sterically-hindered 2-pyridinethione ligands. Crystal structures of [CuCl(2-SC <sub>5</sub> H <sub>2</sub> NH-3-SiMe <sub>3</sub> -6-SiEt <sub>3</sub> ) <sub>2</sub> ] and the disulfide, [2-SC <sub>5</sub> H <sub>2</sub> N-3,6-(SiMe <sub>2</sub> But) <sub>2</sub> ] <sub>2</sub> . <i>Inorganica Chimica Acta</i> , 1991, 187, 59-65.	1.2	9
141	The Organosulfur Chemistry of the Onion. Phosphorus, Sulfur and Silicon and the Related Elements, 1991, 58, 3-15.	0.8	14
142	Silver(I) clusters of the sterically-hindered bidentate ligand, 3-(dimethylphenyl)silyl-2-pyridinethiol. The crystal and molecular structures of [Ag(SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>2</sub> Ph) <sub>6</sub> ] and [Ag <sub>8</sub> (SC <sub>5</sub> H <sub>3</sub> N-3-SiMe <sub>2</sub> Ph) <sub>6</sub> ][Ag(NO <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> ·2CH <sub>3</sub> OH·CH <sub>2</sub> Cl <sub>2</sub> . <i>Polyhedron</i> , 1990, 9, 1429-1432.	1.0	34
143	Onion essential oil chemistry. Cis-and trans-2-mercapto-3,4-dimethyl 2,3-dihydrothiophene from pyrolysis of bis(1-propenyl) disulfide. <i>Tetrahedron Letters</i> , 1990, 31, 4999-5002.	0.7	26
144	Diallyl sulfoxide: A convenient source of thioacrolein for diels-alder trapping. <i>Tetrahedron Letters</i> , 1990, 31, 5003-5006.	0.7	23

#	ARTICLE	IF	CITATIONS
145	Halido-thiolate complexes of Mo(III), Mo(IV) and Mo(V): Synthesis, characterization and crystal and molecular structures of $[\text{MoCl}_4\{\text{SC}_5\text{H}_2\text{NH}-3,6-(\text{SiMe}_2\text{But})_2\}_2]$ , $(\text{Ph}_4\text{P})[\text{MoBr}_4(\text{SC}_5\text{H}_3\text{NH}-3-\text{SiMe}_3)_2]$ , $[\text{MoBr}_3(\text{SC}_5\text{H}_3\text{NH}-3-\text{SiMe}_3)_3]$ and $(\text{Ph}_4\text{P})[\text{MoOBr}_3(\text{SC}_5\text{H}_3\text{N}-3-\text{SiMe}_3)]$ . <i>Inorganica Chimica Acta</i> , 1990, 167, 143-146.	1.2	24
146	The crystal and molecular structure of a tetranuclear copper thiolate cluster, $[\text{Cu}\{\text{SC}_6\text{H}_3-2,6-(\text{SiMe}_3)_2\}_4]$ . <i>Inorganica Chimica Acta</i> , 1990, 167, 147-148.	1.2	38
147	d,l- and meso-Bis(.alpha.-mercaptobenzyl)dimethylsilane: new hindered bidentate ligands and a novel binuclear molybdenum complex formed therefrom. <i>Inorganic Chemistry</i> , 1990, 29, 4595-4597.	1.9	9
148	Allenyl chloromethyl sulfones, new dienophile-diene synthons. A simple iterative ring-growing procedure. <i>Journal of the American Chemical Society</i> , 1990, 112, 4072-4074.	6.6	56
149	(Z,Z)-d,l-2,3-Dimethyl-1,4-butanedithial S,S'-dioxide: a novel biologically active organosulfur compound from onion. Formation of vic-disulfoxides in onion extracts. <i>Journal of the American Chemical Society</i> , 1990, 112, 4584-4585.	6.6	43
150	Biologically Active Organosulfur Compounds from Garlic and Onions: The Search for New Drugs. , 1990, , 283-290.		1
151	Mercury(II) and methylmercury(II) complexes of novel sterically hindered thiolates: carbon-13 and mercury-199 NMR studies and the crystal and molecular structures of $[\text{MeHg}(\text{SC}_6\text{H}_2-2,4,6-\text{Pr-iso}_3)]$ , $[\text{Hg}(\text{SC}_6\text{H}_4-2-\text{SiMe}_3)_2]$ , $[\text{Hg}(2-\text{SC}_5\text{H}_3\text{N}-3-\text{SiMe}_3)_2]$ , and $[\text{Hg}\{(2-\text{SC}_6\text{H}_4)_2\text{SiMe}_2\}]_2$ . <i>Inorganic Chemistry</i> , 1990, 29, 3172-3181.	1.9	71
152	The Synthesis and Metal Complexes of Sulfur-Containing Models for Nitrogenase Enzymes. , 1990, , 269-281.		0
153	Anionic Organosulfur Compounds in Synthesis: New Applications of the Ramberg-Bäcklund Reaction. , 1990, , 257-267.		0
154	Complexes of molybdenum with novel sterically-hindered thiolate ligands. <i>Journal of Inorganic Biochemistry</i> , 1989, 36, 179.	1.5	0
155	Inhibition of soybean lipoxygenase and mouse skin tumor promotion by onion and garlic components. <i>Journal of Biochemical Toxicology</i> , 1989, 4, 151-160.	0.5	73
156	Coordination chemistry of molybdenum with novel thiolate ligands. The crystal and molecular structures of a binuclear complex with a Mo-Mo triple bond $[\text{Mo}_2(\text{SC}_6\text{H}_4\text{-}o\text{-SiMe}_3\text{-}P\text{Ph}_2)_3\text{Cl}_3]$ and of $[\text{Mo}(\text{SC}_6\text{H}_3-2-\text{SiMe}_3-6-\text{P}(\text{O})\text{Ph}_2)_2\text{Cl}_2]$ , a species exhibiting $[\text{MoO}_2\text{S}_2\text{Cl}_2]$ coordination. <i>Inorganica Chimica Acta</i> , 1989, 166, 155-157.	1.2	29
157	Complexes of rhenium with sterically hindered thiolate ligands. Crystal structure of $\text{Re}(\text{SC}_6\text{H}_4-o-\text{SiMe}_3)\{\text{NC}(\text{SC}_6\text{H}_4-o-\text{SiMe}_3)\text{CH}_3\}_2(\text{PPh}_3)_2]$ , a complex exhibiting coordinated thiolimidate groups formed via nucleophilic attack and reduction by thiolate of coordinated acetonitrile. <i>Inorganica Chimica Acta</i> , 1989, 156, 27-28.	1.2	15
158	2-Phosphino- and 2-phosphinylbenzenethiols: new ligand types. <i>Journal of the American Chemical Society</i> , 1989, 111, 2327-2329.	6.6	138
159	Zwiebelanes: novel biologically active 2,3-dimethyl-5,6-dithiabicyclo[2.1.1]hexane 5-oxides from onion. <i>Journal of the American Chemical Society</i> , 1989, 111, 3085-3086.	6.6	67
160	o-Lithiothiophenol equivalents. Generation, reactions and applications in synthesis of hindered thiolate ligands. <i>Journal of the American Chemical Society</i> , 1989, 111, 658-665.	6.6	146
161	Coordination chemistry of sterically hindered thiolate ligands. Preparation and structural characterization of the oligomeric homoleptic complexes [o-trimethylsilylbenzenethiolato]copper dodecamer and [o-trimethylsilylbenzenethiolato]silver octamer and a comparison to the structure of the cadmium mononuclear species $(\text{Et}_4\text{N})_2[\text{Cd}(\text{SC}_6\text{H}_4-o-\text{SiMe}_3)_4]$ . <i>Inorganic Chemistry</i> , 1989, 28, 1263-1271.	1.9	84
162	3,6-dimethyl-2-pyridinethiol: Neue raumerfüllende zweizählige Liganden für ungewöhnliche Silber- und Kupfercluster. <i>Angewandte Chemie</i> , 1988, 100, 1389-1391.	1.6	9

#	ARTICLE	IF	CITATIONS
163	3- and 3,6-Silylated 2-Pyridinethiols: New Hindered Bidentate Ligands and Their Novel Silver and Copper Clusters. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1342-1344.	4.4	81
164	Synthesis and structural characterization of cyclo-pentakis [bis( $\frac{1}{4}$ -trimethylsilylthiomethane)nickel(II)], [Ni(SCH <sub>2</sub> SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>5</sub> , a pentametallic tiara structure. <i>Polyhedron</i> , 1988, 7, 1397-1399.	1.0	36
165	The chemistry of mixed organosulfur-silicon compounds. <i>Tetrahedron</i> , 1988, 44, 281-324.	1.0	109
166	Lipoxygenase inhibitors from the essential oil of garlic. Markovnikov addition of the allyldithio radical to olefins. <i>Journal of the American Chemical Society</i> , 1988, 110, 7813-7827.	6.6	123
167	Gas-phase determination of the geometric requirements of the silicon .beta.-effect. Photoelectron and Penning ionization electron spectroscopic study of silylthiiranes and -oxiranes. Synthesis and chemistry of trans-2,3-bis(trimethylsilyl)thiirane. <i>Journal of the American Chemical Society</i> , 1988, 110, 4748-4753.	6.6	44
168	Synthesis and structural characterization of [Cu(SC <sub>6</sub> H <sub>4</sub> -o-SiMe <sub>3</sub> )] <sub>12</sub> , an unusual example of a "paddle-wheel" dodecametallic thiolate cluster. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, .	2.0	25
169	Synthesis and structural characterization of [AgSCH(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>8</sub> , a discrete molecular biscycle of weakly interacting [AgSCH(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>4</sub> units, and of [AgSC(SiPhMe <sub>2</sub> ) <sub>3</sub> ] <sub>3</sub> and [AgSC(SiMe <sub>3</sub> ) <sub>3</sub> ] <sub>4</sub> , discrete molecular monocycles containing linearly coordinated silver(I) and doubly bridging mercapto sulfur donors from novel sterically hindered thiolate ligands. A comparison with the nonmolecular structure of [Ag <sub>4</sub> {SCH <sub>2</sub> (SiMe <sub>3</sub> ) <sub>3</sub> ] <sub>n</sub> . <i>Journal of Organometallic Chemistry</i> , 1988, 337, 1-11.	1.9	105
170	The chemistry of sulfines. 13. 2-Thiabicyclo[2.2.1]hept-5-ene and its S-oxides and 3-alkyl derivatives: sulfine and sulfene cyclopentadiene Diels-Alder adducts. Conversion of the cyclopentadiene-sulfine adducts into 2-oxa-3-thiabicyclo[3.3.0]oct-7-enes, novel bicyclic sultenes. <i>Journal of Organic Chemistry</i> , 1987, 52, 809-818.	1.7	58
171	A Simple Synthesis Of 4-Methylthio-1,2-Dithiolane The Photosynthesis Inhibitor Of The Green Alga <i>Chlamydomonas globularis</i> . <i>Phosphorous and Sulfur and the Related Elements</i> , 1986, 26, 101-104.	0.2	5
172	The chemistry of alkyl thiosulfinate esters. 9. Antithrombotic organosulfur compounds from garlic: structural, mechanistic, and synthetic studies. <i>Journal of the American Chemical Society</i> , 1986, 108, 7045-7055.	6.6	313
173	Synthesis and reactions of 3-mercaptocyclobutanol and derivatives. Preparation of a 2,4-dithiabicyclo[3.1.1]heptane. <i>Journal of Organic Chemistry</i> , 1986, 51, 3428-3435.	1.7	21
174	.alpha.-Haloalkanesulfonyl bromides in organic synthesis. 5. Versatile reagents for the synthesis of conjugated polyenes, enones, and 1,3-oxathiole 1,1-dioxides. <i>Journal of the American Chemical Society</i> , 1986, 108, 4568-4580.	6.6	111
175	Serendipitous synthesis of alkyl trimethylsilyldithioformates by trapping of bis(trimethylsilyl)thione with alkanesulfenic acids. Synthesis of bis- and tris(trimethylsilyl)methanethiols.. <i>Tetrahedron Letters</i> , 1985, 26, 2259-2262.	0.7	33
176	Synthesis of methanethial s-oxide (sulfine) and alkanethial s,s-dioxides by fluorodesilylation. Stereochemistry of their cyclopentadiene diels-alder adducts. <i>Tetrahedron Letters</i> , 1985, 26, 1425-1428.	0.7	25
177	The Chemistry of Garlic and Onions. <i>Scientific American</i> , 1985, 252, 114-118.	1.0	730
178	Structure determination of a new cyclodepsipeptide antibiotic from fusaria fungi. <i>Journal of Organic Chemistry</i> , 1985, 50, 2854-2858.	1.7	25
179	ORGANIC SYNTHESIS WITH ALLYLIC SULFUR COMPOUNDS: REACTIONS OF THE 13-THIABICYCLO[8.2.1]-5-TRIDECENE RING SYSTEM. <i>Phosphorous and Sulfur and the Related Elements</i> , 1985, 25, 139-145.	0.2	4
180	The first X-ray crystal structural characterizations of alkali metal alkyl thiolates: X-ray crystal structures of [Li <sub>2</sub> (thf) <sub>4</sub> {SCH(SiMe <sub>3</sub> ) <sub>2</sub> }] <sub>2</sub> and [Li <sub>2</sub> (thf) <sub>3.5</sub> {SC(SiMe <sub>3</sub> ) <sub>3</sub> }] <sub>2</sub> (thf = tetrahydrofuran). <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 1674.	2.0	28

#	ARTICLE	IF	CITATIONS
181	Chemistry of sulfines. 12. Unusually facile thio-Claisen rearrangement of 1-alkenyl 2-alkenyl sulfoxides: a new sulfine synthesis. <i>Journal of the American Chemical Society</i> , 1985, 107, 6731-6732.	6.6	32
182	[[[(2-Tetrahydrofuranyl)- and (2-tetrahydropyranyl)thio]methyl]lithium: methanethiol carbanion equivalents. <i>Journal of the American Chemical Society</i> , 1985, 107, 6729-6731.	6.6	28
183	The chemistry of sulfines. 10. 2-Thiabicyclo[2.2.1]hept-5-ene endo-2-oxide derivatives: stereospecific formation, rearrangement to bicyclic sultenes, and conversion to 5-alkylidene-2-cyclopentenones. <i>Journal of the American Chemical Society</i> , 1985, 107, 1783-1784.	6.6	21
184	$\hat{1}\pm$ -haloalkanesulfonyl bromides in organic synthesis. 4. Regioselective $\hat{1}^3$ -deprotonation of $\hat{1}\pm, \hat{1}^2$ -unsaturated sulfones. A simple synthesis of 2-alkyl-1,3-butadienes.. <i>Tetrahedron Letters</i> , 1984, 25, 5469-5472.	0.7	25
185	.alpha.-Haloalkanesulfonyl bromides in organic synthesis. 3. .alpha.-Alkylidene ketones and 1,3-oxathiole 3,3-dioxides from trimethylsilyl enol ethers. <i>Journal of Organic Chemistry</i> , 1984, 49, 3664-3666.	1.7	31
186	The chemistry of alkyl thiosulfate esters. 8. (E,Z)-Ajoene: a potent antithrombotic agent from garlic. <i>Journal of the American Chemical Society</i> , 1984, 106, 8295-8296.	6.6	253
187	Bromomethanesulfonyl bromide in organic synthesis. A useful new 1,3-diene synthesis. <i>Journal of the American Chemical Society</i> , 1983, 105, 6165-6167.	6.6	20
188	The four-membered-ring chemical shift anomaly. <i>Journal of Organic Chemistry</i> , 1983, 48, 3982-3985.	1.7	25
189	Organosulfur compounds in organic synthesis. 1. Bromomethanesulfonyl bromide in organic synthesis. Formation and base-induced reactions of .alpha.,.beta.-unsaturated halomethyl sulfones. <i>Journal of the American Chemical Society</i> , 1983, 105, 6164-6165.	6.6	31
190	Flash vacuum pyrolysis studies. 9. Photoelectron spectra and molecular properties. 101. Synthesis and thermal decomposition of 1,3-dithietane and its S-oxides. <i>Journal of the American Chemical Society</i> , 1982, 104, 3119-3130.	6.6	73
191	The chemistry of sulfines. 9. A novel synthesis of $\hat{1}\pm$ -chloroalkyl alkanethiosulfonate esters. <i>Tetrahedron Letters</i> , 1982, 23, 4569-4572.	0.7	14
192	A new sulfene synthesis. <i>Tetrahedron Letters</i> , 1982, 23, 4203-4206.	0.7	46
193	The "syn-effect" in sulfines and carbonyl oxides: Conformational preferences of CH <sub>3</sub> CHSO and CH <sub>3</sub> CHOO. <i>Tetrahedron Letters</i> , 1981, 22, 29-32.	0.7	35
194	The lachrymatory factor of the onion: an NMR study. <i>Tetrahedron Letters</i> , 1980, 21, 1277-1280.	0.7	52
195	Carbon-13 and oxygen-17 nuclear magnetic resonance studies of organosulfur compounds: the four-membered ring sulfone effect. <i>Journal of Organic Chemistry</i> , 1980, 45, 4807-4810.	1.7	65
196	The chemistry of sulfines. 6. Dimer of the onion lachrymatory factor: the first stable 1,2-dithietane derivative. <i>Journal of the American Chemical Society</i> , 1980, 102, 2490-2491.	6.6	51
197	THE PURSUIT AND CAPTURE OF SOME ELUSIVE ORGANOSULFUR MOLECULES. <i>Phosphorous and Sulfur and the Related Elements</i> , 1979, 6, 37-37.	0.2	0
198	Matrix-Isolation Studies and Ring Conformation of 1,3-Dithietane. <i>Applied Spectroscopy</i> , 1979, 33, 361-364.	1.2	8

#	ARTICLE	IF	CITATIONS
199	Flash vacuum pyrolysis studies. 7. Structure and origin of the onion lachrymatory factor. A microwave study. <i>Journal of the American Chemical Society</i> , 1979, 101, 2200-2201.	6.6	68
200	Organic Chemistry of Sulfur. <i>Journal of Organometallic Chemistry</i> , 1978, 161, C53-C54.	0.8	0
201	Silacyclobutenes: a simple synthesis. <i>Journal of the American Chemical Society</i> , 1978, 100, 1630-1632.	6.6	52
202	Flash vacuum pyrolysis studies. 6. Allene episulfide. <i>Journal of the American Chemical Society</i> , 1978, 100, 7436-7437.	6.6	52
203	Flash vacuum pyrolysis studies. 5. Methanesulfenic acid. <i>Journal of the American Chemical Society</i> , 1978, 100, 3622-3623.	6.6	87
204	Sulfine. <i>Journal of the American Chemical Society</i> , 1976, 98, 1264-1265.	6.6	105
205	1,3-Dithietane. <i>Journal of the American Chemical Society</i> , 1976, 98, 5715-5717.	6.6	51
206	Photoelectron Spectrum of H <sub>2</sub> C=S=O. <i>Angewandte Chemie International Edition in English</i> , 1976, 15, 383-384.	4.4	39
207	Photoelektronenspektrum von H <sub>2</sub> C=S=O. <i>Angewandte Chemie</i> , 1976, 88, 380-381.	1.6	48
208	Electron impact induced processes of thermally and photochemically labile organic sulfur compounds. Mass spectral study of dialkyl thiosulfonates, disulfides, trisulfides, and .alpha.-disulfones. <i>Journal of Organic Chemistry</i> , 1975, 40, 2770-2773.	1.7	29
209	.alpha.-Disulfide carbonium ions. <i>Journal of Organic Chemistry</i> , 1974, 39, 734-736.	1.7	15
210	Chemistry of alkyl thiosulfinate esters. VI. Preparation and spectral studies. <i>Journal of the American Chemical Society</i> , 1974, 96, 3921-3929.	6.6	108
211	Chemistry of alkyl thiosulfinate esters. VII. Mechanistic studies and synthetic applications. <i>Journal of the American Chemical Society</i> , 1974, 96, 3929-3944.	6.6	127
212	Chemistry of alkyl thiosulfinate esters. IV. Mechanistic study of the disproportionation reaction. <i>Journal of the American Chemical Society</i> , 1973, 95, 5046-5048.	6.6	24
213	Chemistry of alkyl thiosulfinate esters. V. Novel synthesis of .alpha.-heteroatom substituted disulfides. <i>Journal of the American Chemical Society</i> , 1973, 95, 5048-5051.	6.6	20
214	Chemistry of alkyl thiosulfinate esters. II. Sulfenic acids from dialkyl thiosulfinate esters. <i>Journal of the American Chemical Society</i> , 1972, 94, 642-644.	6.6	55
215	Photocyclization of 1,5-diphenyl-1,4-pentadiene. Simple synthesis of bicyclo[2.1.0]pentanes. <i>Journal of the American Chemical Society</i> , 1972, 94, 8438-8446.	6.6	8
216	Chemistry of alkyl thiosulfinate esters. III. tert-Butanethiosulfoxylic acid. <i>Journal of the American Chemical Society</i> , 1972, 94, 644-645.	6.6	24

#	ARTICLE	IF	CITATIONS
217	The nuclear magnetic resonance spectra of bicyclo[2.1.0]pentanes: A comparative study. Tetrahedron, 1972, 28, 4483-4496.	1.0	6
218	Organic sulfur compounds in organic synthesis. Journal of Chemical Education, 1971, 48, 814.	1.1	21
219	Oxidation of disulfides with the triphenyl phosphite ozonide. Tetrahedron Letters, 1971, 12, 299-302.	0.7	23
220	Sulfur-bridged carbocycles. III. Photocyclization of .beta.,.beta.'-diphenyldivinyl sulfide. Journal of Organic Chemistry, 1969, 34, 896-899.	1.7	28
221	Sulfur-bridged carbocycles. II. Extrusion of the sulfur bridge. Journal of Organic Chemistry, 1969, 34, 1233-1240.	1.7	82
222	New Synthetic Approaches to Symmetrical Sulfur-Bridged Carbocycles. Journal of Organic Chemistry, 1966, 31, 1663-1668.	1.7	73
223	Oxidation and reduction of sulphides. , 0, , 539-608.		1
224	Synthetic applications of sulphonium salts and sulphonium ylides. , 0, , 673-702.		0