

Ralf Steudel

List of Publications by Year in descending order

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76326

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288
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docs citations

288
times ranked

3472
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism for the Formation of Elemental Sulfur from Aqueous Sulfide in Chemical and Microbiological Desulfurization Processes. <i>Industrial & Engineering Chemistry Research</i> , 1996, 35, 1417-1423.	3.7	259
2	Properties of Sulfur-Sulfur Bonds. <i>Angewandte Chemie International Edition in English</i> , 1975, 14, 655-664.	4.4	240
3	The Chemistry of Organic Polysulfanes $R-S_n-R$ ($n > 2$). <i>Chemical Reviews</i> , 2002, 102, 3905-3946.	47.7	209
4	The role of polysulfide dianions and radical anions in the chemical, physical and biological sciences, including sulfur-based batteries. <i>Chemical Society Reviews</i> , 2019, 48, 3279-3319.	38.1	189
5	Homocyclic sulfur molecules. <i>Topics in Current Chemistry</i> , 1982, , 149-176.	4.0	167
6	Solid Sulfur Allotropes. <i>Topics in Current Chemistry</i> , 2003, , 1-80.	4.0	131
7	The Molecular Composition of Hydrophilic Sulfur Sols Prepared by Acid Decomposition of Thiosulfate [1]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1988, 43, 203-218.	0.7	116
8	Chromatographic Separation of Higher Polythionates $S_nO_6^{2-}$ ($n= 3-22$) and Their Detection in Cultures of <i>Thiobacillus ferrooxidans</i> ; Molecular Composition of Bacterial Sulfur Secretions. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 151-153.	4.4	108
9	Molecular Spectra of Sulfur Molecules and Solid Sulfur Allotropes. <i>Topics in Current Chemistry</i> , 2003, , 31-98.	4.0	98
10	Inorganic Polysulfides S_n^{2-} and Radical Anions $S_n^{\cdot-}$. <i>Topics in Current Chemistry</i> , 2003, , 127-152.	4.0	83
11	Growth of <i>Wolinella succinogenes</i> with polysulphide as terminal acceptor of phosphorylative electron transport. <i>Archives of Microbiology</i> , 1991, 155, 177-182.	2.2	80
12	In situ analysis of sulfur in the sulfur globules of phototrophic sulfur bacteria by X-ray absorption near edge spectroscopy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1999, 1428, 446-454.	2.4	75
13	Redetermination of the Crystal and Molecular Structure of Cyclohexasulfur, S_6 [1]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1978, 33, 1554-1555.	0.7	70
14	X-ray Structural Analyses of Two Allotropes of Cycloheptasulfur (S_7^I and S_7^{II}) [1]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1980, 35, 1378-1383.	0.7	70
15	How Unstable are Thiosulfoxides? An ab Initio MO Study of Various Disulfanes R_2SS ($R = H, Me, Pr, All$), Their Branched Isomers R_2SS , and the Related Transition States ^{1,2} . <i>Journal of the American Chemical Society</i> , 1997, 119, 1990-1996.	13.7	67
16	Quantitative HPLC Analysis and Thermodynamics of Sulfur Melts. <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 59-60.	4.4	64
17	Search for polythionates in cultures of <i>Chromatium vinosum</i> after sulfide incubation. <i>Archives of Microbiology</i> , 1990, 153, 432-437.	2.2	61
18	Vibrational spectra, force constants and thermodynamic functions of cycloheptasulfur, S_7 . <i>Journal of Molecular Structure</i> , 1978, 44, 143-157.	3.6	58

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19	Cyclic selenium sulfides. Topics in Current Chemistry, 1982, 102, 177-197.	4.0	57
20	Thermal Polymerization and Depolymerization Reactions of 10 Sulfur Allotropes Studied by HPLC and DSC [1]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1984, 517, 7-42.	1.2	55
21	Schwingungsspektren der Schwefelringe S_{2n} ($n = 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12$) / Vibrational Spectra of the Sulfur Rings S_{2n} ($n = 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12$) / Vibrational Spectra of the Sulfur Rings S_{2n} ($n = 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12$) / Vibrational Spectra of the Sulfur Rings S_{2n} ($n = 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12$). Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1978, 33, 951-958.	1.5	53
22	Thiosulfate and tetrathionate degradation as well as biofilm generation by Thiobacillus intermedius and Thiobacillus versutus studied by microcalorimetry, HPLC, and ion-pair chromatography. Archives of Microbiology, 1994, 161, 116-125.	2.2	53
23	Separation and Determination of Sulfur Homocycles by High Pressure Liquid Chromatography - Detection of Novel Sulfur Rings. Angewandte Chemie International Edition in English, 1981, 20, 394-395.	4.4	52
24	Molekulare Zusammensetzung von flüssigem Schwefel. Teil 2: Qualitative Analyse und Isolierung von S7, S12, S18 und S20. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1981, 478, 156-176.	1.2	52
25	Liquid Sulfur. Topics in Current Chemistry, 2003, , 81-116.	4.0	52
26	Ion-pair chromatographic separation of inorganic sulphur anions including polysulphide. Journal of Chromatography A, 1989, 475, 442-446.	3.7	51
27	Speciation and Thermodynamics of Sulfur Vapor. Topics in Current Chemistry, 0, , 117-134.	4.0	51
28	Röntgenstrukturanalysen von Cyclododekasschwefel (S12) und Cyclododekasschwefel-1-Kohlendisulfid (S12 · 1/2 CS2) [1]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1981, 476, 171-178.	1.2	50
29	Homocyclic Selenium Molecules and Related Cations. Advances in Inorganic Chemistry, 1984, , 135-166.	1.0	49
30	Synthesis and structure of 1,4-[(RCp)2Ti]2Se4 and its application to the chalcogenospecific synthesis of 1,2,5,6-Se4S4. Inorganic Chemistry, 1988, 27, 2596-2600.	4.0	49
31	Molekulare Zusammensetzung von flüssigem Schwefel. Teil: 3 Quantitative Analyse im Bereich 115-350°C. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1981, 478, 177-190.	1.2	48
32	Ion-pair chromatographic separation of polythionates SnO6 ²⁻ with up to thirteen sulphur atoms. Journal of Chromatography A, 1986, 361, 379-384.	3.7	48
33	Sulfuric Acid from Sulfur Trioxide and Water - A Surprisingly Complex Reaction. Angewandte Chemie International Edition in English, 1995, 34, 1313-1315.	4.4	48
34	Novel species for the sulfur zoo: isomers of S8. Chemical Physics Letters, 2002, 364, 387-392.	2.6	48
35	Polysulfide Chemistry in Sodium - Sulfur Batteries and Related Systems - A Computational Study by G3X(MP2) and PCM Calculations. Chemistry - A European Journal, 2013, 19, 3162-3176.	3.3	47
36	Solubilization of Elemental Sulfur in Water by Cationic and Anionic Surfactants. Angewandte Chemie International Edition in English, 1988, 27, 1358-1359.	4.4	44

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37	Structure and spectra of tetrasulfur S ₄ – an ab initio MO study. Chemical Physics Letters, 2003, 379, 162-169.	2.6	43
38	Quantitative HPLC-Analyse und Thermodynamik der Schwefelschmelze. Angewandte Chemie, 1985, 97, 58-59.	2.0	41
39	Raman Spectrometric Study of the Composition of Sulfur Vapor at Temperatures up to 700°C. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1988, 92, 859-870.	0.9	41
40	Trennung und Bestimmung von Schwefelhomocyclen durch Hochdruckflüssigkeitschromatographie – Nachweis neuer Schwefelringe. Angewandte Chemie, 1981, 93, 402-404.	2.0	40
41	Molekulare Zusammensetzung von flüssigem Schwefel. Teil 1: Kritische Literaturübersicht. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1981, 478, 139-155.	1.2	40
42	Optical Absorption Spectra of the Homocyclic Sulfur Molecules S _n (n = 6, 7, 8, 9, 10). J. Chem. Phys. 1967, 46, 1000-1004.	0.9	40
43	On the Autoxidation of Aqueous Sodium Polysulfide [1]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1986, 41, 1519-1522.	0.7	39
44	Die (S=O)-Valenzschwingung in Thionylverbindungen. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1970, 25, 156-165.	0.7	38
45	The crystal structures of the hexachloroantimonate salts of (CH ₃) ₂ SS(CH ₃) ⁺ , (CH ₃ S) ₃ ⁺ , and (CH ₃ Se) ₃ ⁺ . Journal of the Chemical Society Dalton Transactions, 1986, , 1095.	1.1	38
46	Application of Dicyanohexasulfane for the Synthesis of cyclo-Nonasulfur. Crystal and Molecular Structures of S ₆ (CN) ₂ and of S ₉ . Inorganic Chemistry, 1996, 35, 2184-2188.	4.0	38
47	Structural Studies on the Sulfur-Selenium Binary System.. Acta Chemica Scandinavica, 1979, 33a, 737-747.	0.7	38
48	Vibrational spectroscopic investigations of S _n molecules. Journal of Molecular Structure, 1980, 68, 19-32.	3.6	36
49	Barrier to Rotation about Sulfur-Sulfur Bonds in Homocyclic Sulfur Molecules. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1983, 38, 543-545.	0.7	36
50	⁷⁷ Se-NMR and raman spectroscopic characterization of selenium dibromide (SeBr ₂) and its reaction with titanocene pentasulphide to give cyclic selenium sulphides of ring size 6, 7, 8, and 12. Polyhedron, 1990, 9, 1199-1208.	2.2	36
51	Photoelektronenspektren und Moleküleigenschaften: SSO versus OSO. Angewandte Chemie, 1973, 85, 987-988.	2.0	35
52	X-Ray Structural Analyses of Cyclodecasulfur (S ₁₀) and of a Cyclohexasulfur-Cyclodecasulfur Molecular Addition Compound (S ₆ · S ₁₀) [1]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1983, 38, 1548-1556.	0.7	35
53	Elemental Sulfur and Related Homocyclic Compounds and Ions. Studies in Inorganic Chemistry, 1984, 5, 3-37.	0.2	35
54	On the colors of Jupiter's satellite Io: Irradiation of solid sulfur at 77 K. Journal of Geophysical Research, 1986, 91, 4971-4977.	3.3	35

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55	Darstellung, Kristallstruktur und Schwingungsspektren von cyclo-Undekaschwefel (S_{11}) und von cyclo-Tridekaschwefel (S_{13}) / Preparation, Crystal Structure, and Vibrational Spectra of cyclo-Undecasulfur (S_{11}) and of cyclo-Tridecasulfur (S_{13}). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1986, 41, 958-970.	0.7	35
56	Sulfur Dioxide and Water: Structures and Energies of the Hydrated Species $SO_2 \cdot nH_2O$, $[HSO_3] \cdot nH_2O$, $[SO_3H] \cdot nH_2O$, and $H_2SO_3 \cdot nH_2O$ ($n = 0-8$). European Journal of Inorganic Chemistry, 2009, 2009, 1393-1405.	2.0	35
57	Ab initio study of hypervalent sulfur hydrides as model intermediates in the interconversion reactions of compounds containing sulfur-sulfur bonds. Journal of the American Chemical Society, 1987, 109, 710-714.	13.7	34
58	Raman, mass, and ^{77}Se nmr spectra of SeS_2 and its reactions with potassium iodide and titanocene pentasulfide to produce cyclic selenium sulphides. Polyhedron, 1991, 10, 1037-1048.	2.2	33
59	Sulfur compounds. 148. Generation and characterization of dihydroxy disulfide, HOSSOH: the chainlike isomer of thiosulfurous acid. Inorganic Chemistry, 1992, 31, 941-944.	4.0	33
60	Inorganic Polysulfanes H_2S_n with $n \geq 1$. Topics in Current Chemistry, 2003, , 99-126.	4.0	33
61	Interaction of Zinc Oxide Clusters with Molecules Related to the Sulfur Vulcanization of Polyolefins (ÄRubberÄ). Chemistry - A European Journal, 2006, 12, 8589-8602.	3.3	33
62	Crystal structure and vibrational analysis of Cyclo-Triselenium Pentasulfide prepared by the reaction of titanocene pentasulfide with dichlorodisilane. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1982, 486, 116-128.	1.2	32
63	Isolation of the First Six- and Seven-Membered Selenium-Sulfur Rings and Mechanism of their Conversion into Other-Sized Rings. Angewandte Chemie International Edition in English, 1984, 23, 362-363.	4.4	32
64	The Retention of Six-, Seven-, Eight-, and Twelve-Membered Ring Molecules of Type $SexS_y$ in Reversed-Phase HPLC. Prediction of Retention for Unknown $SexS_y$ Heterocycles and Analysis of Sulfur-Selenium Melts. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1990, 45, 1282-1290.	0.7	32
65	Gas-Phase Structure and Vibrational Spectra of Dimethoxydisulfane, $(CH_3O)_2S_2$. The Journal of Physical Chemistry, 1995, 99, 8987-8993.	2.9	32
66	Selenium-rich Chalcogen Rings Se_5S , Se_5S_2 , and Se_7 from Titanocene Pentaselenide. Angewandte Chemie International Edition in English, 1986, 25, 99-101.	4.4	31
67	Notizen: Ermittlung von SS-KernabstÄnden aus Schwingungsspektren / Determination of SS Bond Distances from Vibrational Spectra. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1975, 30, 281-282.	0.7	30
68	Chromatographische Trennung schwefelhaltiger Heterocyclen der Typen $(CH_2)_nS_m$ und $SenS_8-m$ mittels HPLC [1] / Chromatographie Separation of Sulfur Containing Heterocycles of Type $(CH_2)_nS_m$ and $SenS_8-m$ by HPLC [1]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1983, 38, 719-725.	0.7	30
69	The Thermal Decomposition of Thiirane: A Mechanistic Study by Ab Initio MO Theory. Chemistry - A European Journal, 2002, 8, 217-228.	3.3	30
70	Schwefel-Sauerstoff-Verbindungen, 29. Oxidation von Organyltri- und -tetrasulfanen zu Sulfanoxiden, R_2SnO und R_2SnO_2 ($n = 3, 4$). Chemische Berichte, 1977, 110, 423-429.	0.2	29
71	Sulfur Compounds, 144 Synthesis of SulfurÄRich Organic Polysulfanes Utilizing Titanocene Pentasulfide as a SulfurÄTransfer Reagent. Chemische Berichte, 1991, 124, 2357-2359.	0.2	29
72	Synthesis of the Dicyclopentadiene Polysulfanes $C_{10}H_{12}S_n$ with $n = 4-8$ Using Titanocene Polysulfide Complexes as Sulfur-Transfer Reagents. Journal of Organic Chemistry, 1995, 60, 8056-8061.	3.2	29

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73	Gas phase structure and vibrational spectra of dimethoxysulfane (CH ₃ O) ₂ S. Heteroatom Chemistry, 1991, 2, 633-641.	0.7	28
74	Sulfur-Rich Oxides S _n O and S _n O ₂ (n > 1). Topics in Current Chemistry, 2003, , 203-230.	4.0	28
75	Über niedere Schwefeloxide. XVI. Reindarstellung und Polymerisation des Dischwefelmonoxids. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1966, 342, 253-262.	1.2	27
76	Infrared and Raman spectra of cyclo dodecasulphur (S ₁₂). Journal of Molecular Spectroscopy, 1974, 51, 189-193.	1.2	27
77	Convenient preparation of cyclo-eicosasulphur (S ₂₀) from bis(1-cyclopentadienyl)(pentasulphido)titanium(IV). Journal of the Chemical Society Dalton Transactions, 1984, , 1775-1777.	1.1	27
78	Low Temperature Raman Spectra of Dichlorosulfane (S ₂ Cl ₂), Tetrachlorosulfurane (S ₄ Cl ₂), Dichlorodisulfane (S ₂ Cl ₂) and Dichlorodiselenane (Se ₂ Cl ₂). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1987, 42, 163-168.	0.7	27
79	Bindungswechselwirkung in Schwefelringen: Kristall- und Molekülstruktur von cyclo-Heptaschwefeloxid, S ₇ O. Angewandte Chemie, 1977, 89, 757-758.	2.0	26
80	Photolyse von elementarem Schwefel (S ₆ , S ₇ , S ₈ , ...) in Carbondisulfide Solution [1]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1987, 42, 682-690.	0.7	26
81	Detection of Reactive Sulfur Molecules (S ₆ , S ₇ , S ₉ , ...) [1]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1988, 43, 581-589.	0.7	26
82	Photoinduced ESR Signals in Orthorhombic cyclo-Octasulfur (S ₈) and in Quenched Liquid Sulfur at Low Temperatures [1]. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1989, 93, 502-509.	0.9	26
83	Synthesis and spectroscopic properties of diarylpolyselelanes R ₂ Se _x (x = 2-7) and of diaryldiselenapolysulphanes (RSe) ₂ S _y (y = 1-15) with R = 4-Cl-C ₆ H ₄ . Polyhedron, 1993, 12, 2577-2585.	2.2	26
84	Sulfur compounds. Part 173. Structure and Electron Density of Solid Dimethoxydisulfane, (CH ₃ O) ₂ S ₂ . The Journal of Physical Chemistry, 1994, 98, 5416-5421.	2.9	26
85	A New Allotrope of Elemental Sulfur: Convenient Preparation of cyclo-S ₁₄ from S ₈ . Angewandte Chemie - International Edition, 1998, 37, 2377-2378.	13.8	26
86	Infrared and Raman spectra of cyclo octasulphur oxide (S ₈ O). Journal of Molecular Spectroscopy, 1974, 51, 334-340.	1.2	24
87	Röntgenstrukturanalyse und Schwingungsspektren von Trischwefeldickstoffdioxid, S ₃ N ₂ O ₂ [1] / X-ray Structural Analysis and Vibrational Spectra of Trisulfurdinitrogen dioxide, S ₃ N ₂ O ₂ [1]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1980, 35, 792-796.	0.7	24
88	The Lower Oxides of Sulfur and Related Organic Sulfoxides. Phosphorous and Sulfur and the Related Elements, 1985, 23, 33-64.	0.2	24
89	Spectroscopic Evidence for Pseudorotation of Seven-Membered Chalcogen Rings in Solution [1]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1988, 43, 245-248.	0.7	24
90	SULFUR COMPOUNDS 141 ¹ : SYSTEMATIC BUILD-UP OF ORGANIC POLYSULFANES - SYNTHESIS AND SPECTRA OF THE CYCLIC HEPTA- AND OCTASULFANES OF NORBORNANE, C ₇ H ₁₀ S ₇ AND C ₇ H ₁₀ S ₈ . Phosphorus, Sulfur and Silicon and the Related Elements, 1991, 62, 127-137.	1.6	24

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91	Darstellung von <i>cyclo</i> -Oktaschwefeloxid, S ₈ O. Angewandte Chemie, 1972, 84, 344-345.	2.0	23
92	Crystal and Molecular Structure of <i>cyclo</i> -Heptasulfur (?-S ₇). Angewandte Chemie International Edition in English, 1977, 16, 715-715.	4.4	23
93	Darstellung und Eigenschaften von <i>cyclo</i> -Nonaschwefeloxid (S ₉ O) und von <i>cyclo</i> -Dekaschwefeloxid (S ₁₀ O) [1] / Preparation and Properties of <i>cyclo</i> -Nonasulfuroxide (S ₉ O) and of <i>cyclo</i> -Decasulfuroxide (S ₁₀ O) [1]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1985, 40, 594-600.	0.7	23
94	Sulfur Compounds, 199. Novel Titanocene Thiolato Complexes and Their Application in Preparing New Sulfur-Containing Heterocycles. Chemische Berichte, 1997, 130, 757-764.	0.2	23
95	Charge-Transfer Complexes between the Sulfur Molecules SO ₂ , S ₂ O, S ₃ , SONH, and SOCl ₂ and the Amine Donors NH ₃ and NMe ₃ – A Theoretical Study. European Journal of Inorganic Chemistry, 2007, 2007, 4385-4392.	2.0	23
96	Microsolvation of Thiosulfuric Acid and Its Tautomeric Anions [HSSO ₃] ^{âˆ’} and [SSO ₂ (OH)] ^{âˆ’} Studied by B3LYP-PCM and G3X(MP2) Calculations. Journal of Physical Chemistry A, 2009, 113, 9920-9933.	2.5	23
97	Spectroscopic and Crystal-Chemical Features of Sodalite-Group Minerals from Gem Lazurite Deposits. Minerals (Basel, Switzerland), 2020, 10, 1042.	2.0	23
98	Kristall- und MolekÃ¼lstruktur von <i>cyclo</i> -Oktaschwefeloxid, S ₈ O. Angewandte Chemie, 1973, 85, 452-453.	2.0	22
99	SÃ¼bzerersetzung von Natriumthiosulfat: Molekulare Zusammensetzung des ausfallenden Schwefels. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1979, 457, 165-173.	1.2	22
100	Sulphur compounds. Part 140. Structures and relative stabilities of seven isomeric forms of H ₂ S ₂ O ₂ . Journal of the Chemical Society Dalton Transactions, 1991, , 2395.	1.1	22
101	The Decomposition of Aqueous Dithionite and its reactions with polythionates SnO ₂ ?6 (n = 3-5) studied by ion-pair chromatography. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1994, 620, 121-126.	1.2	22
102	The Synthesis of Sulfur- and Selenium-Containing Organic and Inorganic Rings from Titanocene Precursors. Studies in Inorganic Chemistry, 1992, , 233-253.	0.2	22
103	Vibrational spectra and force constants of heptasulfur imide. The Journal of Physical Chemistry, 1977, 81, 343-349.	2.9	21
104	Bond Interaction in Sulfur Rings: Crystal and Molecular Structure of <i>cyclo</i> -Heptasulfur Oxide, S ₇ O. Angewandte Chemie International Edition in English, 1977, 16, 716-716.	4.4	21
105	Crystal and Molecular Structures of the Sulfur-Rich Organic Polysulfanes Heptathiacyclononane (C ₂ H ₄ S ₇) and Bis(triphenylmethyl)penta- and hexasulfane. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1993, 48, 928-934.	0.7	21
106	The Reaction of H ₂ S with SO ₂ : Molecular Structures, Energies, and Vibrational Data of Seven Isomeric Forms of H ₂ S ₃ O. Chemistry - A European Journal, 1995, 1, 193-198.	3.3	21
107	Preparation of Organic Polysulfanes R ₂ Sn (n = 5, 7, 8, 9) from Sulfenyl Chlorides, RSnCl, and Transition Metal Polysulfido Complexes. European Journal of Inorganic Chemistry, 2000, 2000, 921-928.	2.0	21
108	The Thermal Decomposition of S ₂ O Forming SO ₂ , S ₃ , S ₄ and S ₅ O – An ab initio MO Study. European Journal of Inorganic Chemistry, 2004, 2004, 3513-3521.	2.0	21

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109	Geometries, Thermodynamic Properties and Reactions of Methylzinc Alkoxide Clusters Studied by Density Functional Theory Calculations. <i>Journal of Physical Chemistry A</i> , 2006, 110, 8912-8924.	2.5	21
110	Cyclooktaschwefeloxid aus Cyclooktaschwefel. <i>Angewandte Chemie</i> , 1974, 86, 648-648.	2.0	20
111	Normalschwingungen und Rotationsisomerie von Polysulfidionen S_2^{2-} ($n=4-8$) / Fundamental Vibrations and Rotational Isomers of Polysulfide Anions, S_2^{2-} ($n=4-8$). <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1977, 32, 1313-1319.	1.5	20
112	Darstellung, Schwingungsspektren und Röntgenstrukturanalyse von Trifluor- und Trichloracetyltrischwefeltrinitrid, $CX_3CO-NS_3N_2$ 1 / Synthesis, Vibrational Spectra, and X-ray Structure Analysis of Trifluoro and Trichloroacetyl Trisulfurtrinitride, $CX_3CO-NS_3N_2$ 1. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1977, 32, 488-494.	0.7	20
113	X-Ray Structure Analysis of cyclo-Decasulfur, S_{10} . <i>Angewandte Chemie International Edition in English</i> , 1978, 17, 57-58.	4.4	20
114	Flüssiger Schwefel - ein Rohstoff komplizierter Zusammensetzung. <i>Chemie in Unserer Zeit</i> , 1980, 14, 73-81.	0.1	20
115	Selenreiche Chalkongenringe Se_5S , Se_5S_2 und Se_7 aus Titanocenpentaselenid. <i>Angewandte Chemie</i> , 1986, 98, 81-83.	2.0	20
116	^{77}Se NMR spectra of Se_7 and Se_5S_2 prepared from titanocene pentaselenide; Evidence for pseudorotation. <i>Polyhedron</i> , 1988, 7, 581-583.	2.2	20
117	Darstellung von Cyclopentadekaschwefel (S_{15}) aus Titanocenpentasulfid und Sulfurylchlorid [1]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1988, 43, 1151-1155.	0.7	20
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