

# Ralf Steudel

## List of Publications by Year in descending order

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256  
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7,290  
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76326

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288  
docs citations

288  
times ranked

3472  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic and Crystal-Chemical Features of Sodalite-Group Minerals from Gem Lazurite Deposits. Minerals (Basel, Switzerland), 2020, 10, 1042.	2.0	23
2	The role of polysulfide dianions and radical anions in the chemical, physical and biological sciences, including sulfur-based batteries. Chemical Society Reviews, 2019, 48, 3279-3319.	38.1	189
3	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
4	Structural Isomerism and Thermodynamic Properties of the Methylzinc Alkoxide Molecules (MeZnOR) <sub>n</sub> (R = Me, <sup>t</sup> Bu) and Cations [(MeZnOMe) <sub>n</sub> ] <sup>+</sup> (n = 3, 4) Studied by B3LYP and PCM Calculations. Journal of Physical Chemistry A, 2010, 114, 6370-6376.	2.5	4
5	Reversal of the Relative Stability of the Isomeric Radicals HSO and HOS upon Hydration and Their Reactions with Ozone. Journal of Physical Chemistry A, 2010, 114, 4437-4445.	2.5	13
6	Derivatives of cysteine related to the thiosulfate metabolism of sulfur bacteria by the multi-enzyme complex "Sox" studied by B3LYP-PCM and G3X(MP2) calculations. Physical Chemistry Chemical Physics, 2010, 12, 630-644.	2.8	5
7	Sulfur Dioxide and Water: Structures and Energies of the Hydrated Species SO <sub>2</sub> ·nH <sub>2</sub> O, [HSO <sub>3</sub> ] <sup>-</sup> ·nH <sub>2</sub> O, [SO <sub>3</sub> H] <sup>+</sup> ·nH <sub>2</sub> O, and H <sub>2</sub> SO <sub>3</sub> ·nH <sub>2</sub> O (n = 0-8). European Journal of Inorganic Chemistry, 2009, 2009, 1393-1405.	2.0	35
8	Microsolvation of Thiosulfuric Acid and Its Tautomeric Anions [HSSO <sub>3</sub> ] <sup>-</sup> and [SSO <sub>2</sub> (OH)] <sup>-</sup> Studied by B3LYP-PCM and G3X(MP2) Calculations. Journal of Physical Chemistry A, 2009, 113, 9920-9933.	2.5	23
9	Complexation of the Vulcanization Accelerator Tetramethylthiuram Disulfide and Related Molecules with Zinc Compounds Including Zinc Oxide Clusters (Zn <sub>4</sub> O <sub>4</sub> ). Chemistry - A European Journal, 2008, 14, 919-932.	3.3	17
10	Homolytic Si-S Bond Dissociation of 11 Bis(thiocarbonyl)disulfides R <sub>2</sub> C(S)Si <sub>2</sub> C(S)R and Prediction of A Novel Rubber Vulcanization Accelerator. Chemistry - an Asian Journal, 2008, 3, 1026-1034.	3.3	15
11	38. Cyclo-Octasulfur Monoxide. Inorganic Syntheses, 2007, , 172-174.	0.3	1
12	Structures and Vibrational Spectra of the Sulfur-Rich Oxides SnO (n = 4-9): The Importance of $\pi^* \leftarrow \pi^*$ Interactions. Chemistry - A European Journal, 2007, 13, 502-514.	3.3	19
13	Dark-Red O <sub>8</sub> Molecules in Solid Oxygen: Rhomboid Clusters, Not S <sub>8</sub> -Like Rings. Angewandte Chemie - International Edition, 2007, 46, 1768-1771.	13.8	18
14	Charge-Transfer Complexes between the Sulfur Molecules SO <sub>2</sub> , S <sub>2</sub> O, S <sub>3</sub> , SONH, and SOCl <sub>2</sub> and the Amine Donors NH <sub>3</sub> and NMe <sub>3</sub> " A Theoretical Study. European Journal of Inorganic Chemistry, 2007, 2007, 4385-4392.	2.0	23
15	S <sub>3</sub> O <sub>2</sub> " an unusual structure with $\pi^* \leftarrow \pi^*$ interaction. Physical Chemistry Chemical Physics, 2006, 8, 1292.	2.8	5
16	Geometries, Thermodynamic Properties and Reactions of Methylzinc Alkoxide Clusters Studied by Density Functional Theory Calculations. Journal of Physical Chemistry A, 2006, 110, 8912-8924.	2.5	21
17	Homolytic Dissociation of the Vulcanization Accelerator Tetramethylthiuram Disulfide (TMTD) and Structures and Stabilities of the Related Radicals Me <sub>2</sub> NCSn (n = 1-4). Journal of Organic Chemistry, 2006, 71, 9302-9311.	3.2	16
18	Isomers of cyclo-Heptasulfur and Their Coordination to Li+: An ab initio Molecular Orbital Study. ChemInform, 2006, 37, no.	0.0	0

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19	Interaction of Zinc Oxide Clusters with Molecules Related to the Sulfur Vulcanization of Polyolefins (â€œRubberâ€). Chemistry - A European Journal, 2006, 12, 8589-8602.	3.3	33
20	Synthese von S11 und S13. Angewandte Chemie, 2006, 94, 782-783.	2.0	18
21	Isomers of cyclo-Heptasulfur and Their Coordination to Li+:â€‰ an Ab Initio Molecular Orbital Study. Inorganic Chemistry, 2005, 44, 8908-8915.	4.0	19
22	Coordination of Li+, Ca+, V+, and Cu+ to the Molecules S8 and S4 -A Computational Study. European Journal of Inorganic Chemistry, 2005, 2005, 2514-2525.	2.0	14
23	Electrophilic Attack on Sulfur-Sulfur Bonds: Coordination of Lithium Cations to Sulfur-Rich Molecules Studied by Ab Initio MO Methods. Chemistry - A European Journal, 2005, 11, 1281-1293.	3.3	16
24	Coordination of Li+, Ca+, V+, and Cu+ to the Molecules S8 and S4 â€” A Computational Study. ChemInform, 2005, 36, no.	0.0	0
25	Structures of the Trisulfur Oxides S3O and S3O <sup>+</sup> : Branched Rings, Not Open Chains. ChemInform, 2005, 36, no.	0.0	0
26	Structures of the trisulfur oxides S3O and S3O <sup>+</sup> : branched rings, not open chains. Chemical Communications, 2005, , 3712.	4.1	12
27	On the Existence and Stability of Branched Selenium Chains:â€‰ Isomers of Me2Se3 and Et2Se3. Inorganic Chemistry, 2005, 44, 3007-3009.	4.0	4
28	Electrophilic Attack on Sulfurâ€”Sulfur Bonds. 1. Protonation of Various Isomers of the Homoatomic Sulfur Molecules Sn (n= 2â€”8). Journal of Physical Chemistry A, 2004, 108, 7091-7098.	2.5	7
29	Preparation of 17 Sulfur-Rich Chain-Like Thiaalkanes R <sup>x</sup> S <sup>y</sup> R <sup>z</sup> and R <sup>x</sup> S <sup>y</sup> R <sup>z</sup> (x,y,zâ€”2) from Titanocene Thiolate Complexes. European Journal of Inorganic Chemistry, 2004, 2004, 718-725.	2.0	3
30	The Thermal Decomposition of S2O Forming SO2, S3, S4 and S5Oâ€” An ab initio MO Study. European Journal of Inorganic Chemistry, 2004, 2004, 3513-3521.	2.0	21
31	Electrophilic Attack on Sulfurâ€”Sulfur Bonds. Part 1. Protonation of Various Isomers of the Homoatomic Sulfur Molecules Sn (n = 2â€”8).. ChemInform, 2004, 35, no.	0.0	0
32	Comment on â€œProbing the sulfur polymerization transition in situ with Raman spectroscopyâ€[J. Chem. Phys. 118, 8460 (2003)]. Journal of Chemical Physics, 2004, 121, 6573-6574.	3.0	9
33	Novel isomers of hexasulfur: Prediction of a stable prism isomer and implications for the thermal reactivity of elemental sulfur. Journal of Chemical Physics, 2004, 121, 5899-5907.	3.0	20
34	Structure and spectra of tetrasulfur S4 â€” an ab initio MO study. Chemical Physics Letters, 2003, 379, 162-169.	2.6	43
35	The Chemistry of Organic Polysulfanes Râ€”Snâ€”R (n > 2). ChemInform, 2003, 34, no.	0.0	0
36	Liquid Sulfur. Topics in Current Chemistry, 2003, , 81-116.	4.0	52

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37	Solid Sulfur Allotropes. Topics in Current Chemistry, 2003, , 1-80.	4.0	131
38	Reviews and Monographs on the Chemistry of Sulfur-Rich Compounds. Topics in Current Chemistry, 2003, , 249-259.	4.0	0
39	Sulfur-Rich Oxides $S_nO$ and $S_nO_2$ ( $n > 1$ ). Topics in Current Chemistry, 2003, , 203-230.	4.0	28
40	Inorganic Polysulfides $S_n^{2-}$ and Radical Anions $S_n^{\cdot-}$ . Topics in Current Chemistry, 2003, , 127-152.	4.0	83
41	Molecular Spectra of Sulfur Molecules and Solid Sulfur Allotropes. Topics in Current Chemistry, 2003, , 31-98.	4.0	98
42	Inorganic Polysulfanes $H_2S_n$ with $n \geq 1$ . Topics in Current Chemistry, 2003, , 99-126.	4.0	33
43	The Chemistry of Organic Polysulfanes $R-S_n-R$ ( $n > 2$ ). Chemical Reviews, 2002, 102, 3905-3946.	47.7	209
44	Synthetic and Electrochemical Studies on 1,1'-Dithia-Substituted Derivatives of Ferrocene and Structure of 1,3-Dithia[3]ferrocenophane $[Fe(C_5H_4S)_2CH_2]$ . Organometallics, 2002, 21, 2604-2608.	2.3	16
45	The Thermal Decomposition of Thiirane: A Mechanistic Study by Ab Initio MO Theory. Chemistry - A European Journal, 2002, 8, 217-228.	3.3	30
46	Novel species for the sulfur zoo: isomers of $S_8$ . Chemical Physics Letters, 2002, 364, 387-392.	2.6	48
47	An ab initio MO Study of the Gas-Phase Reactions $2 SF_2 \rightarrow FS_2SF_3 \rightarrow S=SF_4$ Molecular Structures, Reaction Enthalpies and Activation Energies. European Journal of Inorganic Chemistry, 2001, 2001, 2543-2548.	2.0	8
48	Gas-Phase Structures and Acidities of the Sulfur Oxoacids $H_2SnO_6$ ( $n = 2-4$ ) and $H_2S_2O_7$ . European Journal of Inorganic Chemistry, 2001, 2001, 3047-3054.	2.0	8
49	Synthesis and Structure of the Sulfur-Rich Macrocycle $(1,2-C_6H_4S_8)_2$ . European Journal of Organic Chemistry, 2001, 2001, 2815.	2.4	5
50	Does the Interconversion of Polysulfur Compounds Proceed Via Hypervalent Intermediates? An Ab Initio MO Study. Chemistry - A European Journal, 2001, 7, 3281-3290.	3.3	20
51	Gas-Phase Acidities of Nine Sulfur Oxoacids of Composition $[H_2S_nO_n]$ ( $n = 1-4$ ). European Journal of Inorganic Chemistry, 2000, 2000, 617-624.	2.0	17
52	Preparation of Organic Polysulfanes $R_2S_n$ ( $n = 5, 7, 8, 9$ ) from Sulfenyl Chlorides, $RS_2Cl$ , and Transition Metal Polysulfido Complexes. European Journal of Inorganic Chemistry, 2000, 2000, 921-928.	2.0	21
53	Geometries, Acidities, and Dissociation Reactions of the Gaseous Superacids $H_2S_2O_3$ , $H_2SO_5$ , $HSO_3F$ , and $HSO_3Cl$ . European Journal of Inorganic Chemistry, 2000, 2000, 2379-2386.	2.0	15
54	Oxidation Products of 1,2,3-Trithia[3]ferrocenophane: Structures of the Corresponding Sulfoxide and Sulfone. Organometallics, 2000, 19, 5244-5246.	2.3	4

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55	The Gas Phase Acidities of the Sulfanes H <sub>2</sub> Sn (n = 1-4). European Journal of Inorganic Chemistry, 1999, 1999, 2057-2061.	2.0	18
56	Synthesis and Crystal Structure of [Fe(C <sub>5</sub> H <sub>4</sub> ) <sub>2</sub> S <sub>3</sub> O]: The First Organometallic Trisulfane Oxide. Organometallics, 1999, 18, 2910-2911.	2.3	6
57	In situ analysis of sulfur in the sulfur globules of phototrophic sulfur bacteria by X-ray absorption near edge spectroscopy. Biochimica Et Biophysica Acta - General Subjects, 1999, 1428, 446-454.	2.4	75
58	A New Allotrope of Elemental Sulfur: Convenient Preparation of cyclo-S <sub>14</sub> from S <sub>8</sub> . Angewandte Chemie - International Edition, 1998, 37, 2377-2378.	13.8	26
59	Structures and Energies of Various Isomers of Dithionous Acid, H <sub>2</sub> S <sub>2</sub> O <sub>4</sub> , and of Its Anion HS <sub>2</sub> O <sub>4</sub> <sup>-</sup> . Journal of Physical Chemistry A, 1998, 102, 990-996.	2.5	15
60	New Titanocene Complexes [Cp <sub>2</sub> Ti(1/4-S <sub>2</sub> ) <sub>2</sub> NR] (with R = Me and n Oct) as Transfer Reagents for the Synthesis of the Heterocycles S <sub>5</sub> NR and S <sub>6</sub> NR. Phosphorus, Sulfur and Silicon and the Related Elements, 1997, 124, 529-532.	1.6	0
61	Cyclic Sulfur Imides: When and Why is the Geometry at Nitrogen Planar? - an Ab-Initio Study. Phosphorus, Sulfur and Silicon and the Related Elements, 1997, 124, 521-524.	1.6	0
62	Synthesis of Large C <sub>4</sub> -S <sub>4</sub> -N Heterocycles from [Cp <sub>2</sub> TiS <sub>7</sub> NR] and Aromatic Bis-Sulfonyl Chlorides (R = H,). Phosphorus, Sulfur and Silicon and the Related Elements, 1997, 124, 511-514.	1.6	0
63	Synthesis and Structure of Bis[di(methylcyclopentadienyl)chloro-titanium]trisulfide [(Cp <sub>2</sub> TiCl) <sub>2</sub> (S <sub>3</sub> ) <sub>2</sub> ] - a Reagent for Trisulfide Ligand Transfer Reactions [1]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1997, 52, 79-82.	0.7	12
64	How Unstable are Thiosulfoxides? An ab Initio MO Study of Various Disulfanes RSSR (R = H, Me, Pr, All), Their Branched Isomers R <sub>2</sub> SS, and the Related Transition States <sup>1,2</sup> . Journal of the American Chemical Society, 1997, 119, 1990-1996.	13.7	67
65	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
66	Application of Dicyanohexasulfane for the Synthesis of cyclo-Nonasulfur. Crystal and Molecular Structures of S <sub>6</sub> (CN) <sub>2</sub> and of S <sub>9</sub> . Inorganic Chemistry, 1996, 35, 2184-2188.	4.0	38
67	Mechanism for the Formation of Elemental Sulfur from Aqueous Sulfide in Chemical and Microbiological Desulfurization Processes. Industrial & Engineering Chemistry Research, 1996, 35, 1417-1423.	3.7	259
68	Große Schwefelstickstoff-Heterocyclen: Synthese der Schwefelimide S <sub>n</sub> NH (n = 8, 9, 11) und Strukturen von S <sub>8</sub> NH und S <sub>9</sub> NH. Angewandte Chemie, 1996, 108, 2641-2643.	2.0	7
69	Preparation of spiro-cyclic organic polysulfanes of type C <sub>6</sub> H <sub>10</sub> S <sub>n</sub> and x-ray structural analysis of C <sub>6</sub> H <sub>10</sub> S <sub>11</sub> , a derivative of cyclo-dodecasulfur. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1996, 622, 1594-1600.	1.2	18
70	Oxidation Products of Organic Trisulfanes: Molecular Structures and Energies of Various Isomers of the Dimethyltrisulfane Oxides Me <sub>2</sub> S <sub>3</sub> O and Me <sub>2</sub> S <sub>3</sub> O and of 1,3-Bu <sub>2</sub> S <sub>3</sub> O <sub>2</sub> . Chemistry - A European Journal, 1996, 2, 1060-1067.	3.3	10
71	Structures, Energies, Torsional Barriers, and Vibrational Spectra of Three Rotamers of Tetrasulfane, H <sub>2</sub> S <sub>4</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1995, 50, 889-893.	0.7	15
72	Gas-Phase Structure and Vibrational Spectra of Dimethoxydisulfane, (CH <sub>3</sub> O) <sub>2</sub> S <sub>2</sub> . The Journal of Physical Chemistry, 1995, 99, 8987-8993.	2.9	32

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73	Schwefelsäure aus Schwefeltrioxid und Wasser – eine überraschend komplexe Reaktion. Angewandte Chemie, 1995, 107, 1433-1435.	2.0	5
74	S <sub>7</sub> NH und S <sub>7</sub> NCH <sub>3</sub> als neue Chelatliganden in [(i <sup>5</sup> -C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> Ti] Komplexen – Synthese mittelgroßer Schwefel- Stickstoff-Ringe durch Ligandentransfer. Angewandte Chemie, 1995, 107, 1481-1483.	2.0	7
75	The Reaction of H <sub>2</sub> S with SO <sub>2</sub> : Molecular Structures, Energies, and Vibrational Data of Seven Isomeric Forms of H <sub>2</sub> S <sub>3</sub> O. Chemistry - A European Journal, 1995, 1, 193-198.	3.3	21
76	Sulfur Compounds, Part 186. The Synthesis of Cyclic Organosulfur Compounds from (C <sub>5</sub> H <sub>5</sub> ) <sub>4</sub> Ti <sub>2</sub> C <sub>2</sub> S <sub>4</sub> by Ligand Transfer Reactions. Chemische Berichte, 1995, 128, 561-564.	0.2	7
77	Synthesis of Bis(trichloromethyl)tetra- and heptasulfane from Titanocene Polysulfide Complexes and Structure of (CCl <sub>3</sub> ) <sub>2</sub> S <sub>7</sub> . Chemische Berichte, 1995, 128, 725-728.	0.2	20
78	Sulfuric Acid from Sulfur Trioxide and Water – A Surprisingly Complex Reaction. Angewandte Chemie International Edition in English, 1995, 34, 1313-1315.	4.4	48
79	S <sub>7</sub> NH and S <sub>7</sub> NCH <sub>3</sub> as Novel Chelating Ligands in [(i <sup>5</sup> -C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> Ti] Complexes: Synthesis of Medium-Sized Sulfur-Nitrogen Rings by Ligand Transfer. Angewandte Chemie International Edition in English, 1995, 34, 1330-1331.	4.4	16
80	Crystal and Molecular Structures as well as Spectra of Two Organic Tetrasulfanes R <sub>2</sub> S <sub>4</sub> (R =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 T 1021-1024.	1.2	8
81	Sulfur Compounds. 183. A Derivative of Perthiocarbonic Acid H <sub>2</sub> CS <sub>4</sub> : X-ray structural analysis of bis(triphenylmethyl) perthiocarbonate (Ph <sub>3</sub> C) <sub>2</sub> CS <sub>4</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1995, 621, 1513-1516.	1.2	2
82	Preparation and X-Ray structural analysis of the remarkably stable Bis(triphenylmethyl)trisulfane-2-oxide R <sub>2</sub> S <sub>3</sub> O. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1995, 621, 1672-1676.	1.2	4
83	Synthesis of the Dicyclopentadiene Polysulfanes C <sub>10</sub> H <sub>12</sub> Sn with n = 4-8 Using Titanocene Polysulfide Complexes as Sulfur-Transfer Reagents. Journal of Organic Chemistry, 1995, 60, 8056-8061.	3.2	29
84	The Utilization of Titanocene Polysulfide Complexes for the Synthesis of Organic Polysulfanes <sup>1</sup> . Phosphorus, Sulfur and Silicon and the Related Elements, 1994, 93, 61-72.	1.6	9
85	Crystal and molecular structure of Dicyanotetrasulfane S <sub>4</sub> (CN) <sub>2</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1994, 620, 117-120.	1.2	11
86	The Decomposition of Aqueous Dithionite and its reactions with polythionates SnO <sub>2</sub> ·6 (n = 3-5) studied by ion-pair chromatography. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1994, 620, 121-126.	1.2	22
87	Sulfur Compounds, 174. Preparation of Long-Chain Polysulfanes from Dialkoxysulfanes: Synthesis of Bis(2,3,4,6-tetra-O-acetyl-1-deoxy-β-D-glucopyranosyl)tetrasulfane and undecasulfane. Chemische Berichte, 1994, 127, 1219-1221.		11
88	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
89	Sulfur compounds. Part 173. Structure and Electron Density of Solid Dimethoxydisulfane, (CH <sub>3</sub> O) <sub>2</sub> S <sub>2</sub> . The Journal of Physical Chemistry, 1994, 98, 5416-5421.	2.9	26
90	Structures, energies and vibrational spectra of four isomers of hydrogendioxothiosulfate(IV) anion (HS <sub>2</sub> O <sub>2</sub> <sup>2-</sup> ) and of the related anion ClSO <sub>2</sub> <sup>2-</sup> : an ab-initio molecular-orbital study. Journal of the Chemical Society Dalton Transactions, 1994, , 2919-2923.	1.1	6

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91	Synthesis and vibrational spectra of new bis(alkoxysulfane)-dichloropalladium(II) complexes and X-ray structural analysis of $[\text{PdCl}_2\{\text{S}(\text{OPri})_2\}_2]$ . Journal of the Chemical Society Dalton Transactions, 1994, , 2509.	1.1	3
92	The Photoelectron Spectra of Dimethoxysulfane and Dimethoxydisulfane. Chemische Berichte, 1993, 126, 2363-2365.	0.2	15
93	Dicyanononasulfane $\text{S}_9(\text{CN})_2$ "An Unbranched Chain of Thirteen Atoms. Angewandte Chemie International Edition in English, 1993, 32, 1702-1703.	4.4	9
94	Dicyanononasulfan $\text{S}_9(\text{CN})_2$ "eine unverzweigte Kette aus 13 Atomen. Angewandte Chemie, 1993, 105, 1781-1782.	2.0	11
95	Sulfur Compounds. 164 Thermal Polymerization of the Cyclic Seleniumsulfide 1,2-Se <sub>2</sub> S <sub>5</sub> Studied by DSC, HPLC, Raman Spectroscopy, and X-Ray Diffraction. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1993, 619, 1589-1596.	1.2	13
96	Synthesis and spectroscopic properties of diarylpolyselanes $\text{R}_2\text{Se}_x$ ( $x = 2-7$ ) and of diaryldiselenapolysulphanes $(\text{RSe})_2\text{S}_y$ ( $y = 1-15$ ) with $\text{R} = 4\text{-Cl-C}_6\text{H}_4$ . Polyhedron, 1993, 12, 2577-2585.	2.2	26
97	Sulfur compounds. Part 162. Geometries and energies of the radical anion $\text{SO}_2^{\cdot-}$ and of three isomeric structures of the dithionite anion $\text{S}_2\text{O}_4^{2-}$ . Computational and Theoretical Chemistry, 1993, 284, 55-59.	1.5	14
98	X-Ray Structural Analysis and Vibrational Spectra of Sodium Cysteine-S-sulfonate, $+\text{H}_3\text{NCH}(\text{COO})\text{CH}_2\text{S}_2\text{O}_3\text{Na} \cdot \frac{3}{2}\text{H}_2\text{O}$ [1]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1993, 48, 555-560.	0.7	5
99	Crystal and Molecular Structures of the Sulfur-Rich Organic Polysulfanes Heptathiacyclononane ( $\text{C}_2\text{H}_4\text{S}_7$ ) and Bis(triphenylmethyl)pentaand hexasulfane. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1993, 48, 928-934.	0.7	21
100	Sulfur compounds. 158. Structure and electron density of solid dimethoxysulfane, $(\text{CH}_3\text{O})_2\text{S}$ . The Journal of Physical Chemistry, 1992, 96, 9243-9250.	2.9	10
101	Silicon- and Germanium-Containing Titanocene Chalcogenide Complexes as Transfer Reagents in Ring Synthesis <sup>1</sup> . Phosphorus, Sulfur and Silicon and the Related Elements, 1992, 65, 165-168.	1.6	5
102	Synthesis, Structure, and Reactions of $\text{Cp}_2\text{TiSe}_3\text{S}_2$ and $\text{Cp}_2\text{TiSe}_4\text{S}$ ( $\text{Cp}' = \text{Z-C}_5\text{H}_4\text{CH}_3$ ) <sup>1</sup> . Phosphorus, Sulfur and Silicon and the Related Elements, 1992, 65, 161-164.	1.6	6
103	New Titanacycles with Chelating Polychalcogenide Ligands <sup>1</sup> . Phosphorus, Sulfur and Silicon and the Related Elements, 1992, 65, 157-160.	1.6	3
104	Chlorination of The Heterocycle 1,2-Se <sub>2</sub> S <sub>5</sub> to Give Se <sub>2</sub> S <sub>5</sub> Cl <sub>2</sub> . Phosphorus, Sulfur and Silicon and the Related Elements, 1992, 65, 169-172.	1.6	12
105	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
106	Sulphur compounds. Computational and Theoretical Chemistry, 1992, 257, 313-323.	1.5	17
107	Sulphur compounds. Journal of Organometallic Chemistry, 1992, 424, 153-158.	1.8	18
108	Sulphur compounds. Journal of Chromatography A, 1992, 623, 174-177.	3.7	19

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109	Sulphur compounds. Journal of Chromatography A, 1992, 606, 260-263.	3.7	17
110	The Structures of Thiosulfuric Acid H <sub>2</sub> S <sub>2</sub> O <sub>3</sub> and Its Monoanion HS <sub>2</sub> O <sub>3</sub> <sup>âˆ’</sup> . Angewandte Chemie International Edition in English, 1992, 31, 58-59.	4.4	20
111	Die Struktur der Thioschwefelsäure H <sub>2</sub> S <sub>2</sub> O <sub>3</sub> und ihres Monoanions HS <sub>2</sub> O <sub>3</sub> <sup>âˆ’</sup> . Angewandte Chemie, 1992, 104, 87-89.	2.0	12
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