

Jörg Wagler

List of Publications by Year in descending order

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105
papers

2,193
citations

218677

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110
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110
docs citations

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1351
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Disilanes with Pentacoordinate Si Atoms by Carbon Dioxide Insertion into Aminodisilanes: Syntheses, Molecular Structures, and Dynamic Behavior. ACS Omega, 2022, 7, 9527-9536. | 3.5 | 2 |
| 2 | Phenylarsonic acidâ€“DMPS redox reaction and conjugation investigated by NMR spectroscopy and X-ray diffraction. Environmental Toxicology and Pharmacology, 2022, 92, 103837. | 4.0 | 1 |
| 3 | Pâ€“Ru-Complexes with a Chelate-Bridge-Switch: A Comparison of 2-Picolyl and 2-Pyridyloxy Moieties as Bridging Ligands. Molecules, 2022, 27, 2778. | 3.8 | 1 |
| 4 | Compounds of the types Pn(pyS)3 (Pn = P, As, Bi; pyS: pyridine-2-thiolate) and Sb(pyS) x Ph3â€“x (x = 3â€“1); molecular structures and electronic situations of the Pn atoms. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 103-118. | 0.7 | 2 |
| 5 | New cyclic and spirocyclic aminosilanes. Main Group Metal Chemistry, 2021, 44, 51-72. | 1.6 | 6 |
| 6 | Valence fluctuations in the 3D + 3 modulated Yb3Co4Ge13 Remeika phase. Dalton Transactions, 2021, 50, 13580-13590. | 3.3 | 7 |
| 7 | Formation of Aromatic O â€“Silylcarbamates from Aminosilanes and Their Subsequent Thermal Decomposition with Formation of Isocyanates. European Journal of Inorganic Chemistry, 2021, 2021, 2211-2224. | 2.0 | 4 |
| 8 | Valinate and SiMe2 â€“ An interesting couple in pentacoordinate Si-complexes: Templated generation of the dipeptide val-val and formation of an organosilicon-ammonia-adduct. Journal of Organometallic Chemistry, 2021, 956, 122126. | 1.8 | 1 |
| 9 | Coordination and Electrochemical Switching on Paddle-Wheel Complexes Containing an Asâ€“Ru or a Sbâ€“Ru Axis. Inorganic Chemistry, 2021, 60, 18122-18132. | 4.0 | 4 |
| 10 | Sc₃Ir₄Si₁₃ and Sc₄Ir₇Ge₆ the perovskite-related crystal structures. Zeitschrift Fur Kristallographie - Crystalline Materials, 2021, 236, 313-323. | 0.8 | 3 |
| 11 | CO 2 Capture with Silylated Ethanolamines and Piperazines. ChemistryOpen, 2020, 9, 894-902. | 1.9 | 7 |
| 12 | Trivalent Antimony as L-, X-, and Z-Type Ligand: The Full Set of Possible Coordination Modes in Ptâ€“Sb Bonds. Inorganic Chemistry, 2020, 59, 15541-15552. | 4.0 | 7 |
| 13 | Crystal structure, phase transition and properties of indium(<sc>iii</sc>) sulfide. Dalton Transactions, 2020, 49, 15903-15913. | 3.3 | 10 |
| 14 | CO 2 Capture with Silylated Ethanolamines and Piperazines. ChemistryOpen, 2020, 9, 893-893. | 1.9 | 3 |
| 15 | The direct and reversible hydrogenation of activated aluminium supported by piperidine. Dalton Transactions, 2020, 49, 17689-17698. | 3.3 | 7 |
| 16 | Ionic Dissociation of SiCl₄: Formation of [SiL₆]Cl₄ with L=Dimethylphosphinic Acid. Chemistry - A European Journal, 2020, 26, 8003-8006. | 3.3 | 3 |
| 17 | (2-Pyridyloxy)arsines as ligands in transition metal chemistry: a stepwise As(iii) â†’ As(ii) â†’ As(i) reduction. Dalton Transactions, 2020, 49, 10042-10051. | 3.3 | 3 |
| 18 | Ruthenium Complexes of Stibino Derivatives of Carboxylic Amides: Synthesis and Characterization of Bidentate Sb,E, Tridentate Sb,E₂, and Tetradentate Sb,E₃ (E = N and O) Ligands and Their Reactivity Toward [RuCl₂(PPh₃)₃]. Inorganic Chemistry, 2020, 59, 6359-6375. | 4.0 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | The significance of phosphoniocarbynes in halocarbyne cross-coupling reactions. <i>Chemical Communications</i> , 2020, 56, 5673-5676. | 4.1 | 15 |
| 20 | Convenient two step synthesis of ²⁹ Si labelled tetraalkoxysilanes. <i>Chemical Communications</i> , 2020, 56, 13631-13633. | 4.1 | 0 |
| 21 | Phosphorus as Lone Pair Donor and Ligand Acceptor: A Paddlewheel with Ru ^{II} P Axis. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 86-90. | 2.0 | 6 |
| 22 | Fluorescent biogenic Schiff base compounds of dimethyltin. <i>New Journal of Chemistry</i> , 2018, 42, 1655-1664. | 2.8 | 16 |
| 23 | A new aspect of the "pseudo water" concept of bis(trimethylsilyl)carbodiimide "pseudohydrates" of aluminum. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 911-918. | 0.7 | 1 |
| 24 | (2-Pyridyloxy)silanes as Ligands in Transition Metal Coordination Chemistry. <i>Inorganics</i> , 2018, 6, 119. | 2.7 | 16 |
| 25 | Synthesis and Oxidation of a Paddlewheel-Shaped Rhodium/Antimony Complex Featuring Pyridine ² -Thiolate Ligands. <i>Chemistry - A European Journal</i> , 2017, 23, 3447-3454. | 3.3 | 10 |
| 26 | Tin(IV) Compounds with 2-C ₆ F ₄ PPH ₂ Substituents and Their Reactivity toward Palladium(0): Formation of Tin ^{IV} -Palladium Complexes via Oxidative Addition. <i>Inorganic Chemistry</i> , 2017, 56, 5316-5327. | 4.0 | 14 |
| 27 | Molecular structures of various alkylchlorosilanes in the solid state. <i>Dalton Transactions</i> , 2017, 46, 8875-8882. | 3.3 | 3 |
| 28 | Arylthio- and Arylseleno-Substituted <i>s</i> -Heptazines. <i>Chemistry - A European Journal</i> , 2017, 23, 12510-12518. | 3.3 | 12 |
| 29 | Insertion of phenyl isocyanate into mono- and diaminosilanes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017, 72, 909-921. | 0.7 | 14 |
| 30 | Ruthenium complexes of phosphino derivatives of carboxylic amides: Synthesis and characterization of tridentate P ₂ E and tetradentate P ₃ E (E = N,O) ligands and their reactivity towards [RuCl ₂ (PPh ₃) ₃]. <i>Polyhedron</i> , 2017, 125, 57-67. | 2.2 | 10 |
| 31 | Hexacoordinate Silicon Compounds with a Dianionic Tetradentate (N,N ² ,N ² ,N)-Chelating Ligand. <i>Inorganics</i> , 2016, 4, 8. | 2.7 | 4 |
| 32 | 3,5-Dimethylpyrazolyl-Substituted Di- and Trisiloxanes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4207-4215. | 2.0 | 5 |
| 33 | Group 10-group 14 metal complexes [E TM] _{IV} : the role of the group 14 site as an L, X and Z-type ligand. <i>Dalton Transactions</i> , 2016, 45, 14252-14264. | 3.3 | 19 |
| 34 | Ruthenium complexes of diphenylphosphino derivatives of carboxylic amides: Synthesis and characterization of bidentate P ₂ N- and P ₂ O-chelate ligands and their reactivity towards [RuCl ₂ (PPh ₃) ₃]. <i>Polyhedron</i> , 2016, 120, 134-141. | 2.2 | 13 |
| 35 | L-Valinate hydrates of nickel, copper and zinc " a structural study. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2015, 70, 879-883. | 0.7 | 3 |
| 36 | Tp [*] Cu(ⁱ)-CN ⁻ SiL ₂ -NC ⁺ Cu(ⁱ)Tp [*] " a hexacoordinate Si-complex as connector for redox active metals via π -conjugated ligands. <i>Dalton Transactions</i> , 2015, 44, 4744-4750. | 3.3 | 9 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | 2- <i>n</i> -Acylpyrroles as Monoanionic <i>O,N</i> -Chelating Ligands in Silicon Coordination Chemistry. <i>Chemistry - A European Journal</i> , 2014, 20, 9409-9418. | 3.3 | 13 |
| 38 | New Insights into Hexacoordinated Silicon Complexes with 8-Oxyquinolinato Ligands: 1,3-Shift of Si-Bound Hydrocarbyl Substituents and the Influence of Si-Bound Halides on the 8-Oxyquinolinato Coordination Features. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014, 69, 1402-1418. | 0.7 | 10 |
| 39 | Molecular structures of Sn(II) and Sn(IV) compounds with di-, tri- and tetramethylene bridged salen* type ligands. <i>Main Group Metal Chemistry</i> , 2014, 37, 1-9. | 1.6 | 4 |
| 40 | Pyridine-2-thiolate bridged tin(II)-palladium complexes with Sn(PdN ₂ Cl ₂), Sn(PdN ₂ S ₂), Sn(PdN ₂ C ₂) and Sn(Pd ₂ N ₄) skeletons. <i>Chemical Communications</i> , 2014, 50, 5382-5384. | 4.1 | 22 |
| 41 | Kinetics and activation parameters of the reaction of organoarsenic(V) compounds with glutathione. <i>Journal of Hazardous Materials</i> , 2014, 280, 734-740. | 12.4 | 14 |
| 42 | 7-Azaindol-1-yl(organo)silanes and Their PdCl ₂ Complexes: Pd-Capped Tetrahedral Silicon Coordination Spheres and Paddlewheels with a Pd-Si Axis. <i>Organometallics</i> , 2014, 33, 2479-2488. | 2.3 | 19 |
| 43 | Silicon Compounds of 1,1-Bis(pyrrol-2-yl)ethenes: Molecular Structures and Chemical and Spectroscopic Properties. <i>Organometallics</i> , 2014, 33, 112-120. | 2.3 | 12 |
| 44 | Disilicon Complexes with Two Hexacoordinate Si Atoms: Paddlewheel-Shaped Isomers with (ClN ₄)Si ₂ Si(S ₄ Cl) and (ClN ₂ S ₂)Si ₂ Si(S ₂ N ₂ Cl) Skeletons. <i>Chemistry - A European Journal</i> , 2013, 19, 14296-14303. | 3.3 | 13 |
| 45 | Chlorosilanes and 3,5-Dimethylpyrazole: Multinuclear Complexes, Acetonitrile Insertion and ²⁹ Si NMR Chemical-Shift Anisotropy Studies. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2954-2962. | 2.0 | 20 |
| 46 | Derivatization of 3-aminopropylsilatrane to introduce azomethine linkage in the axial chain: Synthesis, characterization and structural studies. <i>Journal of Organometallic Chemistry</i> , 2013, 724, 186-191. | 1.8 | 27 |
| 47 | Dichotomy between Palladium(II)-Tin(II) and Palladium(0)-Tin(IV) in Complexes of a Sn,As-Based Chelate Ligand. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1997-2001. | 2.0 | 9 |
| 48 | Higher-Coordinated Molecular Silicon Compounds. <i>Structure and Bonding</i> , 2013, , 29-105. | 1.0 | 36 |
| 49 | Molecular structures of pyridinethiolato complexes of Sn(II), Sn(IV), Ge(IV), and Si(IV). <i>Main Group Metal Chemistry</i> , 2013, 36, . | 1.6 | 21 |
| 50 | Atomic Contributions from Spin-Orbit Coupling to ²⁹ Si NMR Chemical Shifts in Metallasilatrane Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 12803-12813. | 3.3 | 53 |
| 51 | From CO ₂ to Polysiloxanes: Di(carbamoyloxy)silanes Me ₂ Si[(OCO)NRR ²] ₂ as Precursors for PDMS. <i>Organometallics</i> , 2012, 31, 4779-4785. | 2.3 | 25 |
| 52 | Pentacoordinate Silicon Complexes with <i>N,N</i> -(2-pyridylmethyl)malicamide as a Dianionic (<i>ONN</i> ²⁻) Tridentate Chelator. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 1768-1775. | 1.2 | 17 |
| 53 | ²⁹ Si NMR Shielding Tensors in Triphenylsilanes - ²⁹ Si Solid State NMR Experiments and DFT-GLO Calculations. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 935-944. | 1.2 | 22 |
| 54 | 3,5-Dimethylpyrazole Derivatives of (Hydrido)chlorosilanes. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2402-2408. | 2.0 | 13 |

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| 55 | ²⁹ Si DFT/NMR Observation of Spin-Orbit Effect in Metallasilatrane Sheds Some Light on the Strength of the Metal-Silicon Interaction. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 255-259. | 13.8 | 71 |
| 56 | Stannylene or Metallastanna(IV)ocane: A Matter of Formalism. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4696-4700. | 13.8 | 47 |
| 57 | Sol-gel derived Si/C/O/N materials: molecular model compounds, xerogels and porous ceramics. <i>Applied Organometallic Chemistry</i> , 2011, 25, 735-747. | 3.5 | 8 |
| 58 | New silatranes possessing urea functionality: Synthesis, characterization and their structural aspects. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1341-1348. | 1.8 | 20 |
| 59 | Reactions of Hydridochlorosilanes with 2,2'-Bipyridine and 1,10-Phenanthroline: Complexation versus Dismutation and Metal-Catalyst-Free 1,4-Hydrosilylation. <i>Inorganic Chemistry</i> , 2010, 49, 2667-2673. | 4.0 | 40 |
| 60 | A Distorted Trigonal Antiprismatic Cationic Silicon Complex with Ureato Ligands: Syntheses, Crystal Structures and Solid State ²⁹ Si NMR Properties. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 461-467. | 2.0 | 15 |
| 61 | Ylenes in the M ^{II} -Si ^{IV} (M=Si, Ge, Sn) Coordination Mode. <i>Chemistry - A European Journal</i> , 2010, 16, 13429-13434. | 3.3 | 28 |
| 62 | Metallasilatranes: Palladium(II) and Platinum(II) as Lone-Pair Donors to Silicon(IV). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 624-627. | 13.8 | 69 |
| 63 | Die rotationsfehlgeordnete Kristallstruktur von Tropyliumbromid C ₇ H ₇ Br / The Rotationally Disordered Crystal Structure of Tropylium Bromide C ₇ H ₇ Br. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 1137-1142. | 0.7 | 6 |
| 64 | Unprecedented Near-Infrared (NIR) Emission in Diplatinum(III) (d ⁷ -d ⁷) Complexes at Room Temperature. <i>Journal of the American Chemical Society</i> , 2010, 132, 7094-7103. | 13.7 | 53 |
| 65 | Bis(methimazolyl)silyl Complexes of Ruthenium. <i>Organometallics</i> , 2010, 29, 1026-1031. | 2.3 | 27 |
| 66 | Melem- and melamine-derived iminophosphanes. <i>New Journal of Chemistry</i> , 2010, 34, 1893. | 2.8 | 25 |
| 67 | Silicon(IV) Chelates of an (ONN')-Tridentate Pyrrole-2-Carbaldimine Ligand: Syntheses, Structures and UV/Vis Properties. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009, 64, 1571-1579. | 0.7 | 5 |
| 68 | Hypercoordinate Silicon Complexes of (O,N,N ² vs. O,N,O ²) Schiff Base Type N-(2-Carbamidophenyl)imines: Examples of Exclusively O-Silylated Carbamides. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1027-1035. | 2.0 | 28 |
| 69 | A Pentacoordinate Chlorotrimethylsilane Derivative: A very Polar Snapshot of a Nucleophilic Substitution and its Influence on ²⁹ Si Solid State NMR Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 1300-1305. | 1.2 | 25 |
| 70 | Photo-Driven Si-C Bond Cleavage in Hexacoordinate Silicon Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 1279-1287. | 1.2 | 16 |
| 71 | Neutral Hexacoordinate Mixed Trichelate Silicon Complexes, Structure and Stereodynamics. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 1321-1325. | 1.2 | 5 |
| 72 | Hypercoordinate Organosilicon Complexes of an ONN ² O ² Chelating Ligand: Regio- and Diastereoselectivity of Rearrangement Reactions in Si ^{IV} -Salphen Systems. <i>Organometallics</i> , 2009, 28, 621-629. | 2.3 | 37 |

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| 73 | Octahedral HSiCl ₃ and HSiCl ₂ Me Adducts with Pyridines. Journal of the American Chemical Society, 2009, 131, 6855-6864. | 13.7 | 55 |
| 74 | Cyclic Silylcarbodiimides as Precursors for Porous Si/C/N Materials: Formation, Structures, and Stabilities. Chemistry of Materials, 2009, 21, 3941-3949. | 6.7 | 15 |
| 75 | Ring-Strain-Formation Lewis Acidity? A Pentacoordinate Silacyclobutane Comprising Exclusively Equatorial Si ⁺ C Bonds Dedicated to Prof. Dr. Reinhold Tacke on the occasion of his 60th birthday.. Organometallics, 2009, 28, 6831-6834. | 2.3 | 19 |
| 76 | Octahedral Adducts of Dichlorosilane with Substituted Pyridines: Synthesis, Reactivity and a Comparison of Their Structures and ²⁹ Si NMR Chemical Shifts. Chemistry - A European Journal, 2008, 14, 3164-3176. | 3.3 | 38 |
| 77 | A Donor-Stabilized Silanethione or a Si-Substituted Heterocyclic Platinum Carbene?. Chemistry - A European Journal, 2008, 14, 11300-11304. | 3.3 | 31 |
| 78 | Palladastannatrane - a Pd-Sn Dative Bond. European Journal of Inorganic Chemistry, 2008, 2008, 4225-4229. | 2.0 | 52 |
| 79 | Stable Trichlorosilane-Pyridine Adducts. European Journal of Inorganic Chemistry, 2008, 2008, 5020-5023. | 2.0 | 23 |
| 80 | N-(o-Aminophenyl)-2-oxy-4-methoxybenzophenoneimine Si-chelation by a tridentate ONN ligand system versus benzimidazoline formation. Inorganic Chemistry Communication, 2008, 11, 492-496. | 3.9 | 21 |
| 81 | Ring Opening of Organosilicon-Substituted Benzoxazolinone: A Convenient Route to Chelating Ureato and Carbamido Ligands. Organometallics, 2008, 27, 6579-6586. | 2.3 | 22 |
| 82 | 7-Azaindol-7-ylborate: A Novel Bidentate N ^{BH} ₃ Chelating Ligand. Organometallics, 2008, 27, 2350-2353. | 2.3 | 31 |
| 83 | Facile Generation of Lithiocarbyne Complexes: [M(μ-Cl)(CO) ₂ {HB(pzMe) ₂ } ₃] (M = Mo, W; pz = Pyrazol-1-yl). Organometallics, 2008, 27, 5177-5179. | 2.3 | 79 |
| 84 | Formation of Metallacyclobutene Complexes via the Addition of Hydrazines to Ruthenium Vinylidene Complexes. Organometallics, 2008, 27, 4657-4665. | 2.3 | 6 |
| 85 | Reactions of [Mo(μ-Cl)(CO) ₂ {HB(pzMe) ₂ } ₃] (pz = pyrazol-1-yl) with Amines: Synthesis of Amino, Pyridinium, and Thiolato Carbyne Complexes. Organometallics, 2008, 27, 4532-4540. | 2.3 | 26 |
| 86 | Hypercoordinate Diorganosilanes Featuring an ¹⁸ O Tridentate Ligand. A Surprising Equilibrium Between Penta- and Tetracoordination. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 225-234. | 0.7 | 20 |
| 87 | A Disilane with a Hypercoordinate Silicon Atom: Coordination of an Imine Ligand versus Si ⁺ Si Bond Splitting. Organometallics, 2007, 26, 155-159. | 2.3 | 27 |
| 88 | Dianion of Pyrrole-2-N-(o-hydroxyphenyl)carbaldimine as an Interesting Tridentate (ONN) Ligand System in Hypercoordinate Silicon Complexes. Organometallics, 2007, 26, 234-240. | 2.3 | 40 |
| 89 | Templated Rearrangement of Silylated Benzoxazolin-2-ones: A Novel Tridentate (ONO) ₂ -Chelating Ligand System. Organometallics, 2007, 26, 3630-3632. | 2.3 | 20 |
| 90 | The Tautomeric Forms of Cyameluric Acid Derivatives. Chemistry - A European Journal, 2007, 13, 1158-1173. | 3.3 | 70 |

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| 91 | Tetra(o-phenyldiazo-p-methylphenoxy)silane – A silicon complex with a fourfold capped-tetrahedral [4+4] coordination sphere. <i>Inorganic Chemistry Communication</i> , 2007, 10, 952-955. | 3.9 | 9 |
| 92 | Intramolecular interligand charge transfer and a red hexacoordinate Si-complex with salen-type ligand vs. colorless tetracoordinate salen-Si-complexes with similar substituents. <i>Inorganica Chimica Acta</i> , 2007, 360, 1717-1724. | 2.4 | 16 |
| 93 | 2-N-(Quinoline-8-yl)iminomethylphenolate – A (ONN)-tridentate ligand system in silicon complex chemistry. <i>Inorganica Chimica Acta</i> , 2007, 360, 1935-1942. | 2.4 | 25 |
| 94 | Intramolecular Interligand Charge Transfer in Hexacoordinate Silicon Complexes. <i>Organometallics</i> , 2006, 25, 2929-2933. | 2.3 | 29 |
| 95 | Syntheses of Allyl- and 3-Silylpropyl-substituted Salen-like Tetradentate Ligands via Hypercoordinate Silicon Complexes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2006, 61, 1406-1412. | 0.7 | 9 |
| 96 | Switching between penta- and hexacoordination with salen-silicon-complexes. <i>Inorganica Chimica Acta</i> , 2005, 358, 4270-4286. | 2.4 | 48 |
| 97 | Novel Hexacoordinate Diorganosilanes with Salen-Type Ligands: Molecular Structure versus ²⁹ Si NMR Chemical Shifts. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2907-2913. | 1.2 | 22 |
| 98 | Crystallization by Slow Halogen Exchange in Hypercoordinate Silicon Chelates and the first X-ray Structure of atrans-Featured Hexacoordinate Difluorosilicon-bis-Chelate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2914-2918. | 1.2 | 20 |
| 99 | First X-Ray Structures of Ethylene Bridged Neutral Dimeric Hexacoordinate Silicon Complexes with Tetradentate Salen-Type Ligands. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2005, 60, 709-714. | 0.7 | 11 |
| 100 | Surprising Insights in the Various Molecular Structures of Hypercoordinate Bis(oxinato)silicon Complexes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2005, 60, 1054-1064. | 0.7 | 17 |
| 101 | Equilibrium between Tetra-, Penta-, and Hexacoordinate Imine and Enamine Chelates of Silicon: Crystal Structure and Variable-Temperature NMR. <i>Organometallics</i> , 2005, 24, 1348-1350. | 2.3 | 39 |
| 102 | Synthesis of Amines from Imines in the Coordination Sphere of Silicon – Surprising Photo-Rearrangement of Hexacoordinate Organosilanes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2441-2444. | 13.8 | 45 |
| 103 | Activation of a Si–Si Bond by Hypercoordination: Cleavage of a Disilane and Formation of a Si–C Bond. <i>Organometallics</i> , 2004, 23, 6066-6069. | 2.3 | 41 |
| 104 | First X-Ray Structure of a Cationic Silicon Complex with Salen-Type Ligand: An Unusual Compound with Two Different Si-N Dative Bonds. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2004, 59, 1348-1352. | 0.7 | 22 |
| 105 | Silicon-Enamine Complexes: Pentacoordinate Silicon Compounds. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1732-1734. | 13.8 | 39 |