

# Jörg Wagler

## List of Publications by Year in descending order

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105  
papers

2,193  
citations

218677

26  
h-index

315739

38  
g-index

110  
all docs

110  
docs citations

110  
times ranked

1351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile Generation of Lithiocarbyne Complexes: $[M(\eta^5\text{-C}_5\text{Me}_5\text{Li})(\text{CO})_2\{\text{HB}(\text{pzMe})_3\}]$ (M = Mo, W; pz = Pyrazol-1-yl). <i>Organometallics</i> , 2008, 27, 5177-5179.	2.3	79
2	$^{29}\text{Si}$ 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
3	The Tautomeric Forms of Cyameluric Acid Derivatives. <i>Chemistry - A European Journal</i> , 2007, 13, 1158-1173.	3.3	70
4	Metallasilatrane: 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
5	Octahedral $\text{HSiCl}_3$ and $\text{HSiCl}_2\text{Me}$ Adducts with Pyridines. <i>Journal of the American Chemical Society</i> , 2009, 131, 6855-6864.	13.7	55
6	Unprecedented Near-Infrared (NIR) Emission in Diplatinum(III) ( $d^7d^7$ ) Complexes at Room Temperature. <i>Journal of the American Chemical Society</i> , 2010, 132, 7094-7103.	13.7	53
7	Atomic Contributions from Spin-Orbit Coupling to $^{29}\text{Si}$ NMR Chemical Shifts in Metallasilatrane Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 12803-12813.	3.3	53
8	Palladastannatranes - a Pd-Sn IV Dative Bond. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4225-4229.	2.0	52
9	Switching between penta- and hexacoordination with salen-silicon-complexes. <i>Inorganica Chimica Acta</i> , 2005, 358, 4270-4286.	2.4	48
10	Stannylenes or Metallastannanes: A Matter of Formalism. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4696-4700.	13.8	47
11	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
12	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
13	Dianion of Pyrrole-2-N-(o-hydroxyphenyl)carbalimine as an Interesting Tridentate (ONN) Ligand System in Hypercoordinate Silicon Complexes. <i>Organometallics</i> , 2007, 26, 234-240.	2.3	40
14	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
15	Silicon-Enamine Complexes: Pentacoordinate Silicon Compounds. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1732-1734.	13.8	39
16	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
17	Octahedral Adducts of Dichlorosilane with Substituted Pyridines: Synthesis, Reactivity and a Comparison of Their Structures and $^{29}\text{Si}$ NMR Chemical Shifts. <i>Chemistry - A European Journal</i> , 2008, 14, 3164-3176.	3.3	38
18	Hypercoordinate Organosilicon Complexes of an ONN $\text{O}^2$ Chelating Ligand: Regio- and Diastereoselectivity of Rearrangement Reactions in Si-Salphen Systems. <i>Organometallics</i> , 2009, 28, 621-629.	2.3	37

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19	Higher-Coordinated Molecular Silicon Compounds. Structure and Bonding, 2013, , 29-105.	1.0	36
20	A Donor-Stabilized Silanethione or a Si-Substituted $\langle i \rangle N \langle /i \rangle$ -Heterocyclic Platinum Carbene?. Chemistry - A European Journal, 2008, 14, 11300-11304.	3.3	31
21	7-Azaindol-7-ylborate: A Novel Bidentate $N^{\wedge}BH_{3} \langle /sub \rangle 3 \langle /sub \rangle$ Chelating Ligand. Organometallics, 2008, 27, 2350-2353.	2.3	31
22	Intramolecular Interligand Charge Transfer in Hexacoordinate Silicon Complexes. Organometallics, 2006, 25, 2929-2933.	2.3	29
23	Hypercoordinate Silicon Complexes of (O,N,N $\wedge$ vs. O,N,O $\wedge$ ) Schiff Base Type N-(2-Carbamidophenyl)imines: Examples of Exclusively O-Silylated Carbamides. European Journal of Inorganic Chemistry, 2009, 2009, 1027-1035.	2.0	28
24	Ylenes in the $M \langle /sup \rangle II \langle /sup \rangle \hat{=} Si \langle /sup \rangle IV \langle /sup \rangle$ (M=Si, Ge, Sn) Coordination Mode. Chemistry - A European Journal, 2010, 16, 13429-13434.	3.3	28
25	A Disilane with a Hypercoordinate Silicon Atom: $\hat{=} \%$ Coordination of an Imine Ligand versus $Si \hat{=} Si$ Bond Splitting. Organometallics, 2007, 26, 155-159.	2.3	27
26	Bis(methimazolyl)silyl Complexes of Ruthenium. Organometallics, 2010, 29, 1026-1031.	2.3	27
27	Derivatization of 3-aminopropylsilatrane to introduce azomethine linkage in the axial chain: Synthesis, characterization and structural studies. Journal of Organometallic Chemistry, 2013, 724, 186-191.	1.8	27
28	Reactions of $[Mo(\hat{=} CBr)(CO)_{2} \langle /sub \rangle \{HB(pzMe)_{2} \langle /sub \rangle \}_{3} \langle /sub \rangle]$ (pz = pyrazol-1-yl) with Amines: Synthesis of Amino, Pyridinium, and Thiolato Carbyne Complexes. Organometallics, 2008, 27, 4532-4540.	2.3	26
29	2-N-(Quinoline-8-yl)iminomethylphenolate $\hat{=} \%$ A (ONN)-tridentate ligand system in silicon complex chemistry. Inorganica Chimica Acta, 2007, 360, 1935-1942.	2.4	25
30	A Pentacoordinate Chlorotrimethylsilane Derivative: A very Polar Snapshot of a Nucleophilic Substitution and its Influence on $\langle /sup \rangle 29 \langle /sup \rangle Si$ Solid State NMR Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1300-1305.	1.2	25
31	Melem- and melamine-derived iminophosphanes. New Journal of Chemistry, 2010, 34, 1893.	2.8	25
32	From CO <sub>2</sub> to Polysiloxanes: Di(carbamoyloxy)silanes $Me_{2}Si[(OCO)NRR]_{2}$ as Precursors for PDMS. Organometallics, 2012, 31, 4779-4785.	2.3	25
33	Stable Trichlorosilane-Pyridine Adducts. European Journal of Inorganic Chemistry, 2008, 2008, 5020-5023.	2.0	23
34	Novel Hexacoordinate Diorganosilanes with Salen-Type Ligands: Molecular Structure versus $^{29}Si$ NMR Chemical Shifts. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2907-2913.	1.2	22
35	Ring Opening of Organosilicon-Substituted Benzoxazolinone: A Convenient Route to Chelating Ureato and Carbamido Ligands. Organometallics, 2008, 27, 6579-6586.	2.3	22
36	$\langle /sup \rangle 29 \langle /sup \rangle Si$ NMR Shielding Tensors in Triphenylsilanes $\hat{=} \%$ $\langle /sup \rangle 29 \langle /sup \rangle Si$ Solid State NMR Experiments and DFT $\hat{=} \%$ GLO Calculations. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 935-944.	1.2	22

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37	Pyridine-2-thiolate bridged tin(II)-palladium complexes with $\text{Sn}(\text{PdN}_2\text{Cl}_2)$ , $\text{Sn}(\text{PdN}_2\text{S}_2)$ , $\text{Sn}(\text{PdN}_2\text{C}_2)$ and $\text{Sn}(\text{Pd}_2\text{N}_4)$ skeletons. <i>Chemical Communications</i> , 2014, 50, 5382-5384.	4.1	22
38	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
39	N-(o-Aminophenyl)-2-oxy-4-methoxybenzophenoneimine (II)-Si-chelation by a tridentate ONN ligand system versus benzimidazoline formation. <i>Inorganic Chemistry Communication</i> , 2008, 11, 492-496.	3.9	21
40	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
41	Crystallization by Slow Halogen Exchange in Hypercoordinate Silicon Chelates and the first X-ray Structure of a trans-Featured Hexacoordinate Difluorosilicon-bis-Chelate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2914-2918.	1.2	20
42	Hypercoordinate Diorganosilanes Featuring an (ONO) <sup>2-</sup> Tridentate Ligand. A Surprising Equilibrium Between Penta- and Tetracoordination. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 225-234.	0.7	20
43	Templated Rearrangement of Silylated Benzoxazolin-2-ones: A Novel Tridentate (ONO) <sup>2-</sup> Chelating Ligand System. <i>Organometallics</i> , 2007, 26, 3630-3632.	2.3	20
44	New silatranes possessing urea functionality: Synthesis, characterization and their structural aspects. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1341-1348.	1.8	20
45	Chlorosilanes and 3,5-Dimethylpyrazole: Multinuclear Complexes, Acetonitrile Insertion and <sup>29</sup> Si NMR Chemical-Shift Anisotropy Studies. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2954-2962.	2.0	20
46	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.. <i>Organometallics</i> , 2009, 28, 6831-6834.	2.3	19
47	7-Azaindol-1-yl(organosilanes and Their PdCl <sub>2</sub> Complexes: Pd-Capped Tetrahedral Silicon Coordination Spheres and Paddlewheels with a Pd-Si Axis. <i>Organometallics</i> , 2014, 33, 2479-2488.	2.3	19
48	Group 10-group 14 metal complexes [E <sup>TM</sup> ] <sub>4</sub> : 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
49	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
50	Pentacoordinate Silicon Complexes with (2-pyridylmethyl)silylamide as a Dianionic (ONN) <sup>2-</sup> Tridentate Chelator. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 1768-1775.	1.2	17
51	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
52	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
53	Fluorescent biogenic Schiff base compounds of dimethyltin. <i>New Journal of Chemistry</i> , 2018, 42, 1655-1664.	2.8	16
54	(2-Pyridyloxy)silanes as Ligands in Transition Metal Coordination Chemistry. <i>Inorganics</i> , 2018, 6, 119.	2.7	16

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55	Cyclic Silylcarbodiimides as Precursors for Porous Si/C/N Materials: Formation, Structures, and Stabilities. <i>Chemistry of Materials</i> , 2009, 21, 3941-3949.	6.7	15
56	A Distorted Trigonal Antiprismatic Cationic Silicon Complex with Ureato Ligands: Syntheses, Crystal Structures and Solid State <sup>29</sup> Si NMR Properties. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 461-467.	2.0	15
57	The significance of phosphoniocarbynes in halocarbyne cross-coupling reactions. <i>Chemical Communications</i> , 2020, 56, 5673-5676.	4.1	15
58	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
59	Tin(IV) Compounds with 2-C <sub>6</sub> F <sub>4</sub> PPh <sub>2</sub> Substituents and Their Reactivity toward Palladium(0): Formation of Tin <sup>II</sup> Palladium Complexes via Oxidative Addition. <i>Inorganic Chemistry</i> , 2017, 56, 5316-5327.	4.0	14
60	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
61	3,5-Dimethylpyrazole Derivatives of (Hydrido)chlorosilanes. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2402-2408.	2.0	13
62	Disilicon Complexes with Two Hexacoordinate Si Atoms: Paddlewheel-Shaped Isomers with (ClN <sub>4</sub> )Si <sub>2</sub> Si(S <sub>4</sub> Cl) and (ClN <sub>2</sub> S <sub>2</sub> )Si <sub>2</sub> Si(S <sub>2</sub> N <sub>2</sub> Cl) Skeletons. <i>Chemistry - A European Journal</i> , 2013, 19, 14296-14303.	3.3	13
63	Acylpyrroles as Monoanionic <i>κ</i> O, <i>κ</i> N Chelating Ligands in Silicon Coordination Chemistry. <i>Chemistry - A European Journal</i> , 2014, 20, 9409-9418.	3.3	13
64	Ruthenium complexes of diphenylphosphino derivatives of carboxylic amides: Synthesis and characterization of bidentate P,N- and P,O-chelate ligands and their reactivity towards [RuCl <sub>2</sub> (PPh <sub>3</sub> ) <sub>3</sub> ]. <i>Polyhedron</i> , 2016, 120, 134-141.	2.2	13
65	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
66	Arylthio- and Arylseleno-Substituted <i>κ</i> S, <i>κ</i> N Heptazines. <i>Chemistry - A European Journal</i> , 2017, 23, 12510-12518.	3.3	12
67	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
68	New Insights into Hexacoordinated Silicon Complexes with 8-Oxyquinolato Ligands: 1,3-Shift of Si-Bound Hydrocarbyl Substituents and the Influence of Si-Bound Halides on the 8-Oxyquinolate Coordination Features. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014, 69, 1402-1418.	0.7	10
69	Synthesis and Oxidation of a Paddlewheel-Shaped Rhodium/Antimony Complex Featuring Pyridine- <i>κ</i> 2 Thiolate Ligands. <i>Chemistry - A European Journal</i> , 2017, 23, 3447-3454.	3.3	10
70	Ruthenium complexes of phosphino derivatives of carboxylic amides: Synthesis and characterization of tridentate P,E <sub>2</sub> and tetradentate P,E <sub>3</sub> (E = N,O) ligands and their reactivity towards [RuCl <sub>2</sub> (PPh <sub>3</sub> ) <sub>3</sub> ]. <i>Polyhedron</i> , 2017, 125, 57-67.	2.2	10
71	Crystal structure, phase transition and properties of indium( <i>κ</i> 3) sulfide. <i>Dalton Transactions</i> , 2020, 49, 15903-15913.	3.3	10
72	Ruthenium Complexes of Stibino Derivatives of Carboxylic Amides: Synthesis and Characterization of Bidentate Sb,E, Tridentate Sb,E <sub>2</sub> , and Tetradentate Sb,E <sub>3</sub> (E = N and O) Ligands and Their Reactivity Toward [RuCl <sub>2</sub> (PPh <sub>3</sub> ) <sub>3</sub> ]. <i>Inorganic Chemistry</i> , 2020, 59, 6359-6375.	4.0	10

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73	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
74	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
75	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
76	Tp*Cu(–)–CN–SiL <sub>2</sub> –NC–Cu(–)Tp* – a hexacoordinate Si-complex as connector for redox active metals via –conjugated ligands. <i>Dalton Transactions</i> , 2015, 44, 4744-4750.	3.3	9
77	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
78	CO <sub>2</sub> Capture with Silylated Ethanolamines and Piperazines. <i>ChemistryOpen</i> , 2020, 9, 894-902.	1.9	7
79	Trivalent Antimony as L-, X-, and Z-Type Ligand: The Full Set of Possible Coordination Modes in Pt–Sb Bonds. <i>Inorganic Chemistry</i> , 2020, 59, 15541-15552.	4.0	7
80	The direct and reversible hydrogenation of activated aluminium supported by piperidine. <i>Dalton Transactions</i> , 2020, 49, 17689-17698.	3.3	7
81	Valence fluctuations in the 3D + 3 modulated Yb <sub>3</sub> Co <sub>4</sub> Ge <sub>13</sub> Remeika phase. <i>Dalton Transactions</i> , 2021, 50, 13580-13590.	3.3	7
82	Formation of Metallacyclobutene Complexes via the Addition of Hydrazines to Ruthenium Vinylidene Complexes. <i>Organometallics</i> , 2008, 27, 4657-4665.	2.3	6
83	Die rotationsfehlgeordnete Kristallstruktur von Tropyliumbromid C <sub>7</sub> H <sub>7</sub> <sup>+</sup> Br <sup>–</sup> / The Rotationally Disordered Crystal Structure of Tropylium Bromide C <sub>7</sub> H <sub>7</sub> <sup>+</sup> Br <sup>–</sup> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 1137-1142.	0.7	6
84	Phosphorus as Lone Pair Donor and Ligand Acceptor: A Paddlewheel with Ru–P Axis. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 86-90.	2.0	6
85	New cyclic and spirocyclic aminosilanes. <i>Main Group Metal Chemistry</i> , 2021, 44, 51-72.	1.6	6
86	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
87	Neutral Hexacoordinate Mixed Trichelate Silicon Complexes, Structure and Stereodynamics. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 1321-1325.	1.2	5
88	3,5-Dimethylpyrazolyl–Substituted Di– and Trisiloxanes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4207-4215.	2.0	5
89	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
90	Hexacoordinate Silicon Compounds with a Dianionic Tetradentate (N,N– <sup>2</sup> ,N– <sup>2</sup> ,N)-Chelating Ligand. <i>Inorganics</i> , 2016, 4, 8.	2.7	4

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91	Formation of Aromatic O-Silylcarbamates from Aminosilanes and Their Subsequent Thermal Decomposition with Formation of Isocyanates. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2211-2224.	2.0	4
92	Coordination and Electrochemical Switching on Paddle-Wheel Complexes Containing an As-Ru or a Sb-Ru Axis. <i>Inorganic Chemistry</i> , 2021, 60, 18122-18132.	4.0	4
93	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
94	Molecular structures of various alkyldichlorosilanes in the solid state. <i>Dalton Transactions</i> , 2017, 46, 8875-8882.	3.3	3
95	CO <sub>2</sub> Capture with Silylated Ethanolamines and Piperazines. <i>ChemistryOpen</i> , 2020, 9, 893-893.	1.9	3
96	Ionic Dissociation of SiCl <sub>4</sub> : Formation of [SiL <sub>6</sub> ]Cl <sub>4</sub> with L=Dimethylphosphinic Acid. <i>Chemistry - A European Journal</i> , 2020, 26, 8003-8006.	3.3	3
97	(2-Pyridyloxy)arsines as ligands in transition metal chemistry: a stepwise As(III) → As(II) → As(I) reduction. <i>Dalton Transactions</i> , 2020, 49, 10042-10051.	3.3	3
98	Sc <sub>3</sub> Ir <sub>4</sub> Si <sub>13</sub> and Sc <sub>4</sub> Ir <sub>7</sub> Ge <sub>6</sub> – the perovskite-related crystal structures. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2021, 236, 313-323.	0.8	3
99	Compounds of the types Pn(pyS) <sub>3</sub> (Pn = P, As, Bi; pyS: pyridine-2-thiolate) and Sb(pyS) <sub>x</sub> Ph <sub>3</sub> (x = 3); molecular structures and electronic situations of the Pn atoms. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2021, 76, 103-118.	0.7	2
100	Disilanes with Pentacoordinate Si Atoms by Carbon Dioxide Insertion into Aminodisilanes: Syntheses, Molecular Structures, and Dynamic Behavior. <i>ACS Omega</i> , 2022, 7, 9527-9536.	3.5	2
101	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
102	Valinate and SiMe <sub>2</sub> – An interesting couple in pentacoordinate Si-complexes: Templated generation of the dipeptide val-val and formation of an organosilicon-ammonia-adduct. <i>Journal of Organometallic Chemistry</i> , 2021, 956, 122126.	1.8	1
103	Phenylarsonic acid-DMPS redox reaction and conjugation investigated by NMR spectroscopy and X-ray diffraction. <i>Environmental Toxicology and Pharmacology</i> , 2022, 92, 103837.	4.0	1
104	P-Ru-Complexes with a Chelate-Bridge-Switch: A Comparison of 2-Picolyl and 2-Pyridyloxy Moieties as Bridging Ligands. <i>Molecules</i> , 2022, 27, 2778.	3.8	1
105	Convenient two step synthesis of <sup>29</sup> Si labelled tetraalkoxysilanes. <i>Chemical Communications</i> , 2020, 56, 13631-13633.	4.1	0