

# Edwin Kroke

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

167  
papers

5,229  
citations

31  
h-index

67  
g-index

180  
ext. papers

5,693  
ext. citations

5.8  
avg, IF

5.62  
L-index

#	Paper	IF	Citations
167	Disilanes with Pentacoordinate Si Atoms by Carbon Dioxide Insertion into Aminodisilanes: Syntheses, Molecular Structures, and Dynamic Behavior.. <i>ACS Omega</i> , <b>2022</b> , 7, 9527-9536	3.9	0
166	Formation of Aromatic O-Silylcarbamates from Aminosilanes and Their Subsequent Thermal Decomposition with Formation of Isocyanates. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 2217-2224 <sup>1</sup>	2.3	3
165	Unexpected Formation of the Highly Symmetric Borate Ion [B(SiCl <sub>3</sub> ) <sub>4</sub> ] <sup>-</sup> <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 2583-2594	2.3	1
164	State of the Art in the Preparation and Properties of Molecular Monomeric -Heptazines: Syntheses, Characteristics, and Functional Applications. <i>Chemical Reviews</i> , <b>2021</b> , 121, 2515-2544	68.1	21
163	Syntheses and molecular structures of some di(amidino)monosilanes. <i>Main Group Metal Chemistry</i> , <b>2021</b> , 44, 228-238	1.6	0
162	New cyclic and spirocyclic aminosilanes. <i>Main Group Metal Chemistry</i> , <b>2021</b> , 44, 51-72	1.6	1
161	From Cyclopentasilane to Thin-Film Transistors. <i>Advanced Electronic Materials</i> , <b>2021</b> , 7, 2000422	6.4	2
160	Ionic Dissociation of SiCl : Formation of [SiL]Cl with L=Dimethylphosphinic Acid. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 8003-8006	4.8	1
159	Five- and six-fold coordinated silicon in silicodiphosphonates: short range order investigation by solid-state NMR spectroscopy. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 4613-4620	3.6	3
158	Convenient two step synthesis of Si labelled tetraalkoxysilanes. <i>Chemical Communications</i> , <b>2020</b> , 56, 13631-13633	5.8	
157	CO Capture with Silylated Ethanolamines and Piperazines. <i>ChemistryOpen</i> , <b>2020</b> , 9, 894-902	2.3	3
156	Crystal structure, phase transition and properties of indium(III) sulfide. <i>Dalton Transactions</i> , <b>2020</b> , 49, 15903-15913	4.3	5
155	Syntheses and Molecular Structures of Liquid Pyrophoric Hydridosilanes. <i>ChemistryOpen</i> , <b>2020</b> , 9, 762-772 <sup>3</sup>	2.3	3
154	CO Capture with Silylated Ethanolamines and Piperazines. <i>ChemistryOpen</i> , <b>2020</b> , 9, 893	2.3	1
153	Synthesis of Large Rare Earth Element Germanate Pyrochlore Single Crystals at High Pressure. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 5538-5543	3.5	4
152	Structural Insight into Layered Silicon Hydrogen Phosphates Containing [SiO <sub>6</sub> ] Octahedra Prepared by Different Reaction Routes. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 828-836	2.3	3
151	Synthesis and Properties of Branched Hydrogenated Nonasilanes and Decasilanes. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 8820-8828	5.1	8

150	Dithiocyanurates and thiocamelurates: Thermal thiyl radical generators as flame retardants in polypropylene. <i>Polymer Degradation and Stability</i> , <b>2019</b> , 166, 17-30	4.7	7
149	Lactamomethylsilanes [Synthesis, Structures, and Reactivity towards CO <sub>2</sub> and Phenylisocyanate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2019</b> , 645, 377-387	1.3	4
148	Exploring superiority of silatranyl moiety as anchoring unit over its trialkoxysilyl analogue for covalent grafting via fabrication of functionalized mesoporous silica possessing azomethinic pincers for dye adsorption. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 273, 265-272	5.3	8
147	Synthesis of Thiocameluric Acid C N S H , Its Reaction to Alkali Metal Thiocamelurates and Organic Tris(dithio)cyamelurates. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 15555-15564	4.8	3
146	Wafer Cleaning, Etching, and Texturization <b>2019</b> , 1-48		
145	Wafer Cleaning, Etching, and Texturization <b>2019</b> , 311-358		0
144	Shock synthesis of Sr <sub>2</sub> Si <sub>5</sub> N <sub>8</sub> :Eu <sup>2+</sup> phosphor. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 784, 1270-1275	5.7	6
143	Entrapment and growth of Chlamydomonas reinhardtii in biocompatible silica hydrogels. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 173, 233-241	6	7
142	On The Mechanism of the Anisotropic Dissolution of Silicon in Chlorine Containing Hydrofluoric Acid Solutions. <i>Journal of the Electrochemical Society</i> , <b>2018</b> , 165, H3045-H3050	3.9	4
141	Intrinsic flame resistance of polyurethane flexible foams: Unexpectedly low flammability without any flame retardant. <i>Fire and Materials</i> , <b>2018</b> , 42, 394-402	1.8	7
140	Insertion of CO <sub>2</sub> and related heteroallenes into the SiN-bond of methyl(N-morpholino)silanes. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 473, 20-28	2.7	10
139	Wafer Cleaning, Etching, and Texturization <b>2018</b> , 1-47		1
138	The Reactivity of Cyameluric Chloride C <sub>6</sub> N <sub>7</sub> Cl <sub>3</sub> towards Phosphines and Phosphine Oxides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2018</b> , 644, 121-126	1.3	8
137	Fluorescent biogenic Schiff base compounds of dimethyltin. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 1655-1664	11	
136	A new aspect of the βpseudo water concept of bis(trimethylsilyl)carbodiimide βpseudohydrates of aluminum. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2018</b> , 73, 911-918	1	1
135	Formation of 1-aza-2-silacyclopentanes and unexpected products from the insertion of phenylisocyanate into 2,2-dimethyl-1-(trimethylsilyl)-1-aza-2-silacyclopentane. <i>Main Group Metal Chemistry</i> , <b>2018</b> ,	1.6	2
134	Investigation on the grinding characteristics of binderless nanocrystalline cubic boron nitride (BNNC) as cutting material for the machining of hardened steels and superalloys. <i>Procedia CIRP</i> , <b>2018</b> , 77, 493-496	1.8	4
133	Electrochemically induced phase separation and in situ formation of mesoporous structures in ionic liquid mixtures. <i>Science Advances</i> , <b>2018</b> , 4, eaau9663	14.3	3

132	Sulfides and Disulfides of s-Triazine: Potential Thermal Thiy Radical Generators. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 13596-13606	4.8	6
131	A stannatrane-like [4.4.4.0 1,6 ] heterotricyclic stannate anion possessing rhodanide antennae: A chromoreactand for Fe 3+, Cu 2+ and Co 2+ ions. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 463, 54-60	2.7	5
130	Low cost apparatus for rapid boiling point determination of small air sensitive samples under inert atmosphere. <i>Thermochimica Acta</i> , <b>2017</b> , 654, 81-84	2.9	8
129	Arylthio- and Arylseleno-Substituted s-Heptazines. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 12510-12518	4.8	10
128	Dichlorosilane-derived nano-silicon inside hollow carbon spheres as a high-performance anode for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 9262-9271	1.3	21
127	Proton transfer assisted facile encapsulation of picric acid in sol-gel derived silica decorated with azo-azomethine hosts. <i>Dyes and Pigments</i> , <b>2017</b> , 139, 635-643	4.6	10
126	Etching SiC-slurry and diamond wire-sawn silicon wafers with HF-HCl-Cl2 mixtures: Parameter influences on etch rates and surface structures. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2017</b> , 214, 1700152	1.6	2
125	Insertion of phenyl isocyanate into mono- and diaminosilanes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2017</b> , 72, 909-921	1	6
124	Hexaphenoxycyclotriphosphazene as FR for CFR anionic PA6 via T-RTM: a study of mechanical and thermal properties. <i>Fire and Materials</i> , <b>2017</b> , 41, 291-306	1.8	12
123	Texturing of monocrystalline silicon wafers by HF-HCl-H2O2 mixtures: Generation of random inverted pyramids and simulation of light trapping in PERC solar cells. <i>Solar Energy Materials and Solar Cells</i> , <b>2017</b> , 159, 112-120	6.4	31
122	Etching Silicon with Aqueous Acidic Ozone Solutions: Reactivity Studies and Surface Investigations. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 22349-22357	3.8	7
121	Schiff base tailed silatrane for the fabrication of functionalized silica based magnetic nano-cores possessing active sites for the adsorption of copper ions. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 1640-1648	3.6	30
120	Diverse Molecular Architectures of Si and Sn [4.4.3.01,6]Tridecane Cages Derived from a Mannich Base Possessing Semi-Rigid Unsymmetrical Podands. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 1730-1737	2.3	12
119	[SiSxHy] <sub>n</sub> Perhydridopolysilathianes: Cross-Linked Thio Analogues of Polysiloxanes. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 4557-4560	2.3	1
118	3,5-Dimethylpyrazolyl-Substituted Di- and Trisiloxanes. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 4207-4215	2.3	4
117	Polymer-precursor-derived (am-) SiC/TiC composites for resistive heaters in large volume multi-anvil high pressure/high-temperature apparatus. <i>High Pressure Research</i> , <b>2016</b> , 36, 167-186	1.6	2
116	Unexpected Formation and Crystal Structure of the Highly Symmetric Carbanion [C(SiCl3)3] <sup>-</sup> . <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 5028-5035	2.3	10
115	Spectroscopic Characterization of Rocksalt-Type Aluminum Nitride. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 12581-12588	3.8	12

114	HF-(NH <sub>2</sub> ) <sub>2</sub> O-HCl Mixtures for HNO <sub>3</sub> - and NO <sub>x</sub> -free Etching of Diamond Wire- and SiC-Slurry-Sawn Silicon Wafers: Reactivity Studies, Surface Chemistry, and Unexpected Pyramidal Surface Morphologies. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 8733-42	9.5	15
113	Reactions of CO <sub>2</sub> and CO <sub>2</sub> Analogs (CXY with X, Y=O, S, NR) with Reagents Containing Si <sup>IV</sup> and Si <sup>V</sup> Units. <i>Advances in Inorganic Chemistry</i> , <b>2014</b> , 117-162	2.1	23
112	Thermal conductivity of filled sol-gel-derived hybrid materials. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131,	2.9	6
111	Silicophosphates containing SiO <sub>6</sub> octahedra by hydrous synthesis under ambient conditions. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 744-751	3.6	14
110	gt-C <sub>3</sub> N <sub>4</sub> ist das erste stabile binäre Kohlenstoff(IV)-nitrid. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 11314-11316	3.6	3
109	gt-C <sub>3</sub> N <sub>4</sub> ist the first stable binary carbon(IV) nitride. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 11134-6	16.4	37
108	Hybrid-coatings derived from pyromellitic acid bridged alkoxy-silylalkyl precursors. <i>Journal of Sol-Gel Science and Technology</i> , <b>2014</b> , 70, 191-202	2.3	7
107	Development of new precursors for immobilizing dyes onto silica surfaces. <i>Dyes and Pigments</i> , <b>2014</b> , 108, 41-49	4.6	17
106	Etching Silicon with HF-H <sub>2</sub> O <sub>2</sub> -Based Mixtures: Reactivity Studies and Surface Investigations. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 2044-2051	3.8	56
105	Silicon Compounds of 1,1-Bis(pyrrol-2-yl)ethenes: Molecular Structures and Chemical and Spectroscopic Properties. <i>Organometallics</i> , <b>2014</b> , 33, 112-120	3.8	9
104	High-pressure high-temperature behavior of polymer derived amorphous B-C-N. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 500, 182004	0.3	4
103	Texturing of SiC-slurry and diamond wire sawn silicon wafers by HF-HNO <sub>3</sub> -H <sub>2</sub> SO <sub>4</sub> mixtures. <i>Solar Energy Materials and Solar Cells</i> , <b>2014</b> , 127, 104-110	6.4	46
102	An s-triazine bridged silylalkyl sol-gel precursor synthesis, structure and coating formation for electrical insulation of copper wire and corrosion protection of construction steel. <i>Polymers for Advanced Technologies</i> , <b>2014</b> , 25, 1356-1365	3.2	1
101	2-Acylpyrroles as mono-anionic O,N-chelating ligands in silicon coordination chemistry. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 9409-18	4.8	11
100	Hexamethoxycyclotriphosphazene as a flame retardant for polyurethane foams. <i>Fire and Materials</i> , <b>2014</b> , 38, 462-473	1.8	15
99	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-Oxyquinolinate Coordination Features. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2014</b> , 69, 1109-1118	1	9
98	5,8-Bis[bis-(pyridin-2-yl)amino]-1,3,4,6,7,9,9b-hepta-aza-phenalen-2(1H)-one dimethyl sulfoxide monosolvate dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o456-7	1	
97	Tri-s-triazines (s-heptazines) from a mystery molecule to industrially relevant carbon nitride materials. <i>Coordination Chemistry Reviews</i> , <b>2013</b> , 257, 2032-2062	23.2	174

96	Synthesis of transparent aminosilane-derived silica based networks for entrapment of sensitive materials. <i>Chemical Communications</i> , <b>2013</b> , 49, 10163-5	5.8	5
95	In situ synthesis of Si <sub>2</sub> N <sub>2</sub> O/Si <sub>3</sub> N <sub>4</sub> composite ceramics using polysilyloxycarbodiimide precursors. <i>Journal of the European Ceramic Society</i> , <b>2013</b> , 33, 2181-2189	6	15
94	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> , <b>2013</b> , 2013, 2954-2962 <sup>2,3</sup>	19	
93	Precursors for pyromellit-bridged silica sol-gel hybrid materials. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 169-180	3.6	13
92	Cyclopentasilane Si <sub>5</sub> H <sub>10</sub> : First single crystal X-ray structure of an oligosilane SixHy and thermal analysis with TG/MS. <i>Inorganic Chemistry Communication</i> , <b>2013</b> , 35, 92-95	3.1	7
91	Derivatization of 3-aminopropylsilatrane to introduce azomethine linkage in the axial chain: Synthesis, characterization and structural studies. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 724, 186-193 <sup>3</sup>	22	
90	Higher-Coordinated Molecular Silicon Compounds. <i>Structure and Bonding</i> , <b>2013</b> , 29-105	0.9	27
89	Flame retardancy working mechanism of methyl-DOPO and MPPP in flexible polyurethane foam. <i>Fire and Materials</i> , <b>2012</b> , 36, 1-15	1.8	79
88	Silver Melonates and Coordination Modes of the Multidentate [C <sub>6</sub> N <sub>7</sub> (NCN) <sub>3</sub> ] <sub>3</sub> <sup>-</sup> Anion. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 978-986	2.3	4
87	Etching Silicon with HF-NO <sub>3</sub> -H <sub>2</sub> SO <sub>4</sub> /H <sub>2</sub> O Mixtures - Unprecedented Formation of Trifluorosilane, Hexafluorodisiloxane, and SiF <sub>n</sub> Surface Groups. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 5714-5721	2.3	20
86	Synthesis of silicophosphates containing SiO <sub>6</sub> -octahedra under ambient conditions--reactions of anhydrous H <sub>3</sub> PO <sub>4</sub> with alkoxy silanes. <i>Chemical Communications</i> , <b>2012</b> , 48, 7675-7	5.8	23
85	Properties of Shock-Synthesized Rocksalt-Aluminium Nitride. <i>Ceramic Transactions</i> , <b>2012</b> , 305-311	0.1	4
84	Use of melem as a nucleophilic reagent to form the triphthalimide C <sub>6</sub> N <sub>7</sub> (phthal) <sub>3</sub> --new targets and prospects. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 12052-8	4.8	26
83	From CO <sub>2</sub> to Polysiloxanes: Di(carbamoyloxy)silanes Me <sub>2</sub> Si[(OCO)NRR'] <sub>2</sub> as Precursors for PDMS. <i>Organometallics</i> , <b>2012</b> , 31, 4779-4785	3.8	17
82	Interface phenomena in (super)hard nitride nanocomposites: from coatings to bulk materials. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 5081-101	58.5	25
81	Pentacoordinate Silicon Complexes with N-(2-pyridylmethyl)Salicylamide as a Dianionic (ONN?) Tridentate Chelator. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2012</b> , 638, 1768-1775	1.3	16
80	3,5-Dimethylpyrazole Derivatives of (Hydrido)chlorosilanes. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 2402-2408	2.3	12
79	Shock wave synthesis of aluminium nitride with rocksalt structure. <i>High Pressure Research</i> , <b>2012</b> , 32, 23-296	15	

78	A series of aryl-/alkyl-substituted melems. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 953	3.6	19
77	HF-HNO <sub>3</sub> -H <sub>2</sub> SO <sub>4</sub> /H <sub>2</sub> O Mixtures for Etching Multicrystalline Silicon Surfaces: Formation of NO <sub>2</sub> <sup>+</sup> , Reaction Rates and Surface Morphologies. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2011</b> , 66, 155-163	1	10
76	Copper(II) Melonates Cu <sub>3</sub> [C <sub>6</sub> N <sub>7</sub> (NCN) <sub>3</sub> ] <sub>2</sub> ·BH <sub>2</sub> O and [Cu(C <sub>2</sub> H <sub>8</sub> N <sub>2</sub> ) <sub>2</sub> ] <sub>3</sub> [C <sub>6</sub> N <sub>7</sub> (NCN) <sub>3</sub> ] <sub>2</sub> ·4H <sub>2</sub> O [Using the Terminal Cyano Group of the[C <sub>6</sub> N <sub>7</sub> (NCN) <sub>3</sub> ] <sub>3</sub> <sup>+</sup> Ion for Complexation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2011</b> , 637, 2246-2251	1.3	7
75	Methyl-DOPO® new flame retardant for flexible polyurethane foam. <i>Polymers for Advanced Technologies</i> , <b>2011</b> , 22, 5-13	3.2	87
74	Sol-gel derived Si/C/O/N-materials: molecular model compounds, xerogels and porous ceramics. <i>Applied Organometallic Chemistry</i> , <b>2011</b> , 25, 735-747	3.1	7
73	New silatranes possessing urea functionality: Synthesis, characterization and their structural aspects. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 1341-1348	2.3	19
72	C(6)N(7)Cl[N(C(6)H(5))(2)](2).p-C(6)H(4)(CH(3))(2)-a mono-chloro-tri-s-triazine adduct. <i>Chemical Communications</i> , <b>2010</b> , 46, 2829-31	5.8	15
71	Melem- and melamine-derived iminophosphoranes. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 1893	3.6	21
70	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> , <b>2010</b> , 49, 2667-73	5.1	37
69	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> , <b>2010</b> , 2010, 461-467	2.3	13
68	New insights into acidic wet chemical silicon etching by HF/H <sub>2</sub> O <sub>2</sub> /HNO <sub>3</sub> /H <sub>2</sub> SO <sub>4</sub> solutions. <i>Materials Science in Semiconductor Processing</i> , <b>2010</b> , 13, 71-79	4.3	12
67	Microwave-induced decomposition of nitrogen-rich iron salts and CNT formation from iron(III) melonate Fe[C <sub>9</sub> N <sub>13</sub> ]. <i>Carbon</i> , <b>2010</b> , 48, 1137-1145	10.4	11
66	Lithium Melonate, Li <sub>3</sub> [C <sub>6</sub> N <sub>7</sub> (NCN) <sub>3</sub> ]·6H <sub>2</sub> O [Synthesis, Crystal Structure and Thermal Properties of a Novel Precursor for Graphitic Carbon Nitrides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2010</b> , 636, 196-200	1.3	12
65	Synthesis, spectroscopic characterization, and X-ray crystal structure of tris(trimethylsilyl)cyanurate. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 1278-1284	1.6	2
64	Thermal Decomposition Behavior of the Flame Retardant Melamine in Slabstock Flexible Polyurethane Foams. <i>Journal of Fire Sciences</i> , <b>2009</b> , 27, 187-211	1.5	21
63	Hypercoordinate Silicon Complexes of (O,N,N? vs. O,N,O?) Schiff Base Type N-(2-Carbamidophenyl)imines: Examples of Exclusively O-Silylated Carbamides. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 1027-1035	2.3	24
62	2,5,8-Trihydrazino-s-heptazine: A Precursor for Heptazine-based Iminophosphoranes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, NA-NA	1.3	9
61	Emulsion processing of polymer-derived porous Si/C/(O) ceramic bodies. <i>Journal of the European Ceramic Society</i> , <b>2009</b> , 29, 2857-2865	6	27

60	Hypercoordinate Organosilicon Complexes of an ONN?O? Chelating Ligand: Regio- and Diastereoselectivity of Rearrangement Reactions in Si <sub>3</sub> Balphen Systems. <i>Organometallics</i> , <b>2009</b> , 28, 621-629	<sup>3.8</sup>	35
59	Octahedral HSiCl <sub>3</sub> and HSiCl <sub>2</sub> Me adducts with pyridines. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6855-64	<sup>16.4</sup>	51
58	Cyclic Silylcarbodiimides as Precursors for Porous Si/C/N Materials: Formation, Structures, and Stabilities. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 3941-3949	<sup>9.6</sup>	12
57	Sol-gel analogous aminolysis-ammonolysis of chlorosilanes to chlorine-free Si/(C)/N-materials. <i>Dalton Transactions</i> , <b>2009</b> , 5474-7	<sup>4.3</sup>	9
56	Flexible Polyurethane Foam with the Flame-retardant Melamine. <i>Journal of Cellular Plastics</i> , <b>2008</b> , 44, 469-480	<sup>1.5</sup>	52
55	Polysilazane-induced aggregation of hydrophobic silver colloids. <i>Langmuir</i> , <b>2008</b> , 24, 10709-16	<sup>4</sup>	4
54	Synthesis, microstructure and hardness of bulk ultrahard BN nanocomposites. <i>Journal of Materials Research</i> , <b>2008</b> , 23, 981-993	<sup>2.5</sup>	19
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1	Novel Silyl-Carbodiimide Gels for the Preparation of Si/C/(N) Ceramics812-817		3