

# Rhett Kempe

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6768481/rhett-kempe-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

376  
papers

15,476  
citations

64  
h-index

106  
g-index

439  
ext. papers

16,915  
ext. citations

5.4  
avg, IF

7.32  
L-index

#	Paper	IF	Citations
376	Elongation and branching of telefins by two ethylene molecules.. <i>Science</i> , <b>2022</b> , 375, 1021-1024	33.3	2
375	Combining Metal Nanoparticles with an Ir(III) Photosensitizer. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 25765-25773	3.8	
374	Co-Catalyzed Synthesis of Primary Amines via Reductive Amination employing Hydrogen under very mild Conditions. <i>ChemSusChem</i> , <b>2021</b> , 14, 2360-2366	8.3	4
373	Key Parameters for the Synthesis of Active and Selective Nanostructured 3d Metal Catalysts Starting from Coordination Compounds [Case Study: Nickel Mediated Reductive Amination. <i>ChemCatChem</i> , <b>2021</b> , 13, 3257-3261	5.2	2
372	Guanidinate Zn(II) Complexes as Efficient Catalysts for Lactide Homo- and Copolymerization under Industrially Relevant Conditions. <i>ACS Applied Polymer Materials</i> , <b>2021</b> , 3, 4035-4043	4.3	3
371	General Synthesis of Secondary Alkylamines by Reductive Alkylation of Nitriles by Aldehydes and Ketones. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 1609-1614	4.8	9
370	Synthesis of 1,3-diketones from esters via liberation of hydrogen. <i>Chem Catalysis</i> , <b>2021</b> , 1, 681-690		7
369	Visible Light-driven Dehydrogenation of Benzylamine under Liberation of H <sub>2</sub> . <i>ChemCatChem</i> , <b>2020</b> , 12, 4593-4599	5.2	6
368	Chromium-Catalyzed Alkylation of Amines by Alcohols. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 11789-11793	16.4	31
367	Chromium-Catalyzed Alkylation of Amines by Alcohols. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 11887-11891	3.6	2
366	Formation of a dimeric tungsten(i) complex via C-H activation. <i>Dalton Transactions</i> , <b>2020</b> , 49, 1992-1996	4.3	2
365	The Synthesis of Primary Amines through Reductive Amination Employing an Iron Catalyst. <i>ChemSusChem</i> , <b>2020</b> , 13, 3110-3114	8.3	25
364	Manganese-Catalyzed $\alpha$ -Methylation of Alcohols by Methanol. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 1485-1490	16.4	49
363	Manganese-Catalyzed $\alpha$ -Methylation of Alcohols by Methanol. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1501-1506	3.6	16
362	Transition-Metal-Catalyzed Reductive Amination Employing Hydrogen. <i>Chemical Reviews</i> , <b>2020</b> , 120, 9583-9674	68.1	81
361	A Cobalt Catalyst Permits the Direct Hydrogenative Synthesis of 1H-Perimidines from a Dinitroarene and an Aldehyde. <i>ChemSusChem</i> , <b>2019</b> , 12, 3013-3017	8.3	13
360	Mechanistic Studies of Hydride Transfer to Imines from a Highly Active and Chemoselective Manganate Catalyst. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 11677-11685	16.4	54

359	H <sub>2</sub> -Generation from Alcohols by the MOF-Based Noble Metal-Free Photocatalyst Ni/CdS/TiO <sub>2</sub> @MIL-101. <i>Australian Journal of Chemistry</i> , <b>2019</b> , 72, 842	1.2	10
358	Iridium Catalyzed Synthesis of Tetrahydro-1H-Indoles by Dehydrogenative Condensation. <i>Inorganics</i> , <b>2019</b> , 7, 97	2.9	4
357	General and selective deoxygenation by hydrogen using a reusable earth-abundant metal catalyst. <i>Science Advances</i> , <b>2019</b> , 5, eaav3680	14.3	14
356	Synthesis, structures and cytotoxic effects in vitro of cis- and trans-[PtCl(NHC)] complexes and their Pt precursors. <i>Dalton Transactions</i> , <b>2019</b> , 48, 16358-16365	4.3	8
355	General synthesis of primary amines via reductive amination employing a reusable nickel catalyst. <i>Nature Catalysis</i> , <b>2019</b> , 2, 71-77	36.5	94
354	3d-Metal Catalyzed N- and C-Alkylation Reactions via Borrowing Hydrogen or Hydrogen Autotransfer. <i>Chemical Reviews</i> , <b>2019</b> , 119, 2524-2549	68.1	355
353	The Direct Synthesis of Imines, Benzimidazoles and Quinoxalines from Nitroarenes and Carbonyl Compounds by Selective Nitroarene Hydrogenation Employing a Reusable Iron Catalyst. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 8989-8993	4.8	22
352	Nitrogen-doped mesoporous SiC materials with catalytically active cobalt nanoparticles for the efficient and selective hydrogenation of nitroarenes. <i>Scientific Reports</i> , <b>2018</b> , 8, 2567	4.9	17
351	A Metal-Organic Framework Supported Nonprecious Metal Photocatalyst for Visible-Light-Driven Wastewater Treatment. <i>ChemPhotoChem</i> , <b>2018</b> , 2, 349-352	3.3	9
350	Manganese-Catalyzed Dehydrogenative Alkylation or $\alpha$ -Olefination of Alkyl-Substituted N-Heteroarenes with Alcohols. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 9131-9135	16.4	99
349	Catalytic condensation for the formation of polycyclic heteroaromatic compounds. <i>Nature Communications</i> , <b>2018</b> , 9, 1751	17.4	22
348	Manganese Complexes for (De)Hydrogenation Catalysis: A Comparison to Cobalt and Iron Catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 46-60	16.4	337
347	Mangankomplexe in der (De)Hydrier-Katalyse – Ein Vergleich mit Cobalt- und Eisenkatalysatoren. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 48-63	3.6	94
346	Synthesis of Linear $\alpha$ -Olefin Distributions with Flexible Mean Molecular Weight by a Ti-Al-Ni Catalyst System. <i>Organometallics</i> , <b>2018</b> , 37, 2395-2398	3.8	4
345	Mangan-katalysierte dehydrierende Alkylierung oder $\alpha$ -Olefinierung von Alkyl-N-heteroarenen durch Alkohole. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 9269-9273	3.6	22
344	Manganese-Catalyzed and Base-Switchable Synthesis of Amines or Imines via Borrowing Hydrogen or Dehydrogenative Condensation. <i>ACS Catalysis</i> , <b>2018</b> , 8, 8525-8530	13.1	109
343	N,N-Dialkylbenzimidazol-2-ylidene platinum complexes - effects of alkyl residues and ancillary cis-ligands on anticancer activity. <i>Dalton Transactions</i> , <b>2018</b> , 47, 17367-17381	4.3	13
342	Nanometer-scaled iridium particles gas-phase-loaded into the pores of the metal-organic framework MIL-101. <i>Polyhedron</i> , <b>2018</b> , 155, 441-446	2.7	4

341	Mangan-katalysierte Mehrkomponentensynthese von Pyrimidinen aus Alkoholen und Amidinen. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 1685-1688	3.6	57
340	Manganese-Catalyzed Multicomponent Synthesis of Pyrimidines from Alcohols and Amidines. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 1663-1666	16.4	191
339	Regioselective Heterodimerization of Styrenes with Diarylethene and Vinyl naphthalene by a Catalyst System Consisting of Simple Acid and a Ketone. <i>ChemistrySelect</i> , <b>2017</b> , 2, 3289-3292	1.8	1
338	Mangan-katalysierte nachhaltige Synthese von Pyrrolen aus Alkoholen und Aminoalkoholen. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 7367-7371	3.6	32
337	Manganese-Catalyzed Sustainable Synthesis of Pyrroles from Alcohols and Amino Alcohols. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 7261-7265	16.4	152
336	Cobalt-Catalyzed Alkylation of Secondary Alcohols with Primary Alcohols via Borrowing Hydrogen/Hydrogen Autotransfer. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 12110-12113	4.8	81
335	Synthesis of meta-Functionalized Pyridines by Selective Dehydrogenative Heterocondensation of $\beta$ -Amino Alcohols. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 371-374	16.4	63
334	A novel PAN/silazane hybrid polymer for processing of carbon-based fibres with extraordinary oxidation resistance. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 720-729	13	22
333	A Plasmonic Colloidal Photocatalyst Composed of a Metal-Organic Framework Core and a Gold/Anatase Shell for Visible-Light-Driven Wastewater Purification from Antibiotics and Hydrogen Evolution. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 3184-3190	4.8	42
332	Synthese meta-funktionalisierter Pyridine über selektive dehydrierende Heterokondensation von $\beta$ -Aminoalkoholen. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 377-381	3.6	14
331	New Trends in Organometallic Catalysts <b>2017</b> , 691-808		1
330	A broadly tunable synthesis of linear $\beta$ -olefins. <i>Nature Communications</i> , <b>2017</b> , 8, 1226	17.4	27
329	Novel cis-[(NHC)(NHC)(L)Cl]platinum(ii) complexes - synthesis, structures, and anticancer activities. <i>Dalton Transactions</i> , <b>2016</b> , 45, 15390-15398	4.3	20
328	Highly Active and Selective Manganese C=O Bond Hydrogenation Catalysts: The Importance of the Multidentate Ligand, the Ancillary Ligands, and the Oxidation State. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11806-9	16.4	221
327	Cyclic Hydroboration The Structure of Perhydro-9b-boraphenalenenes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2016</b> , 642, 922-924	1.3	3
326	A Reusable Mesoporous Nickel Nanocomposite Catalyst for the Selective Hydrogenation of Nitroarenes in the Presence of Sensitive Functional Groups. <i>ChemCatChem</i> , <b>2016</b> , 8, 2461-2465	5.2	37
325	Ein wiederverwendbarer Cobaltkatalysator für die selektive Hydrierung von funktionalisierten Nitroarenen und die direkte Synthese von Iminen und Benzimidazolen aus Nitroarenen und Aldehyden. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 15400-15404	3.6	31
324	Single-catalyst high-weight% hydrogen storage in an N-heterocycle synthesized from lignin hydrogenolysis products and ammonia. <i>Nature Communications</i> , <b>2016</b> , 7, 13201	17.4	105

323	A Reusable Co Catalyst for the Selective Hydrogenation of Functionalized Nitroarenes and the Direct Synthesis of Imines and Benzimidazoles from Nitroarenes and Aldehydes. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 15175-15179	16.4	139
322	Mesoporous silica nanosphere supported platinum nanoparticles (Pt@MSN): one-pot synthesis and catalytic hydrogen generation. <i>RSC Advances</i> , <b>2016</b> , 6, 10438-10441	3.7	20
321	Cleavage of P-X bond of phosphines by a dichromium complex containing a quintuple bond. <i>Journal of Organometallic Chemistry</i> , <b>2016</b> , 821, 150-153	2.3	5
320	Investigating the electronic structure of a supported metal nanoparticle: Pd in SiCN. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 31966-31972	3.6	3
319	Phosphine-free chiral iridium catalysts for asymmetric catalytic hydrogenation of simple ketones. <i>RSC Advances</i> , <b>2016</b> , 6, 39335-39342	3.7	2
318	Robustly supported rhodium nanoclusters: synthesis and application in selective hydrogenation of lignin derived phenolic compounds. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 9252-9256	3.6	12
317	Micro-/Mesoporous Platinum-SiCN Nanocomposite Catalysts (Pt@SiCN): From Design to Catalytic Applications. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 15508-15512	4.8	36
316	Hochaktive und selektive Mangankatalysatoren zur Hydrierung von C=O-Bindungen Die Bedeutung des mehrzähligen Liganden, der Coliganden und der Oxidationsstufe. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 11984-11988	3.6	76
315	General and Mild Cobalt-Catalyzed C-Alkylation of Unactivated Amides and Esters with Alcohols. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 10786-9	16.4	165
314	Adjusting the DNA Interaction and Anticancer Activity of Pt(II) N-Heterocyclic Carbene Complexes by Steric Shielding of the Trans Leaving Group. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 6283-92	8.3	59
313	A Highly Active and Easily Accessible Cobalt Catalyst for Selective Hydrogenation of C=O Bonds. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 7998-8001	16.4	166
312	Group 3, Lanthanide, and Actinide Metal-Metal Bonds <b>2015</b> , 47-71		2
311	A Sustainable Multicomponent Pyrimidine Synthesis. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 12804-7	16.4	155
310	Hydrogen binding energies and electronic structure of Ni-Pd particles: a clue to their special catalytic properties. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 26140-8	3.6	14
309	Rare earth-metal bonding in molecular compounds: recent advances, challenges, and perspectives. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 7544-7558	3.6	36
308	Iron(II) Spin-Crossover Complexes with Schiff Base Like Ligands and N-Alkylimidazoles. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 408-413	2.3	4
307	M5M Key compounds of the research field metal-metal quintuple bonding. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 424, 75-82	2.7	26
306	Synthesis of 4-silaspiro[3.4]octa-1,5-diene derivatives: hybrid spiro compounds. <i>Applied Organometallic Chemistry</i> , <b>2015</b> , 29, 384-391	3.1	5

305	Cobalt-katalysierte Alkylierung von aromatischen Aminen durch Alkohole. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 15260-15264	3.6	64
304	Cobalt-Catalyzed Alkylation of Aromatic Amines by Alcohols. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 15046-50	16.4	240
303	Titanium Dioxide Reinforced MetalOrganic Framework Pd Catalysts: Activity and Reusability Enhancement in Alcohol Dehydrogenation Reactions and Improved Photocatalytic Performance. <i>ChemCatChem</i> , <b>2015</b> , 7, 3916-3922	5.2	27
302	Synthesis of Hierarchically Porous SiCN Materials and Pd Catalysts based on it for the Oxidation of Methane. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2015</b> , 641, 2266-2271	1.3	11
301	Meso-Structuring of SiCN Ceramics by Polystyrene Templates. <i>Nanomaterials</i> , <b>2015</b> , 5, 425-435	5.4	12
300	Enhanced capacitance of nitrogen-doped hierarchically porous carbide-derived carbon in matched ionic liquids. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 18906-18912	13	57
299	Low-Valent Aminopyridinato Chromium Methyl Complexes via Reductive Alkylation and via Oxidative Addition of Iodomethane by a CrCr Quintuple Bond. <i>Organometallics</i> , <b>2015</b> , 34, 2122-2125	3.8	26
298	Catalytic Hydrogenolysis of Aryl Ethers: A Key Step in Lignin Valorization to Valuable Chemicals. <i>ACS Catalysis</i> , <b>2015</b> , 5, 1675-1684	13.1	173
297	Efficient Synthesis of Aluminium-Terminated Polyethylene by Means of Irreversible Coordinative Chain-Transfer Polymerisation Using a Guanidinatotitanium Catalyst. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 1446-1453	2.3	12
296	The synthesis of benzimidazoles and quinoxalines from aromatic diamines and alcohols by iridium-catalyzed acceptorless dehydrogenative alkylation. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 5569-72	4.8	125
295	From chromium-chromium quintuple bonds to molecular squares and porous coordination polymers. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 12283-8	5.1	12
294	New iridium catalysts for the selective alkylation of amines by alcohols under mild conditions and for the synthesis of quinolines by acceptor-less dehydrogenative condensation. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 13279-85	4.8	132
293	Syntheses, molecular structure, and electrochemical investigations of cobalt(II), copper(II), palladium(II), and zinc(II) complexes with 3-methylpyrazole. <i>Journal of Coordination Chemistry</i> , <b>2014</b> , 67, 2425-2434	1.6	12
292	CO <sub>2</sub> and SO <sub>2</sub> activation by a Cr-Cr quintuple bond. <i>Chemical Communications</i> , <b>2014</b> , 50, 13127-30	5.8	28
291	Lanthanoid-transition-metal bonding in bismetallocenes. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 2804-18	4.8	19
290	The synthesis of pyrroles via acceptorless dehydrogenative condensation of secondary alcohols and 1,2-amino alcohols mediated by a robust and reusable catalyst based on nanometer-sized iridium particles. <i>Catalysis Science and Technology</i> , <b>2014</b> , 4, 4188-4192	5.5	73
289	Synthesis and Characterization of Spirosilanes $\sigma$ ,2-Hydroboration and 1,1-Carboboration. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3411-3419	2.3	5
288	Robust Heterogeneous Nickel Catalysts with Tailored Porosity for the Selective Hydrogenolysis of Aryl Ethers. <i>ChemCatChem</i> , <b>2014</b> , 6, 91-95	5.2	72

287	Selective Synthesis of Stannoles by 1,1-Carboboration of Bis(trimethylsilylethynyl)tin Compounds Using Weakly and Strongly Electrophilic Triorganoboranes: Characterization of a Zwitterionic Intermediate. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 2103-2112	2.3	14
286	Alkane Elimination Reactions between Yttrium Alkyls and Tungsten Hydrides. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 1211-1217	2.3	4
285	The ligand-based quintuple bond-shortening concept and some of its limitations. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 9825-32	4.8	60
284	Regioselektiv funktionalisierte Pyridine aus nachhaltigen Ressourcen. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 6450-6454	3.6	52
283	Colloidal size effect and metal-particle migration in M@MOF/PCP catalysis. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 13652-7	4.8	33
282	A New Iron(II) Complex with Strongly Saddle Shaped Schiff Base like Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2013</b> , 639, 1763-1767	1.3	2
281	Ternary rare-earth transition-metal polyhydride cluster compounds. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 8732-5	4.8	13
280	Quintuple bond reactivity toward group 16 and 17 elements: addition vs insertion. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 329-36	5.1	39
279	Heterometallic Hydride Complexes of Rare-Earth Metals and Ruthenium through C≡B Bond Activation. <i>Organometallics</i> , <b>2013</b> , 32, 1363-1369	3.8	18
278	An Efficient Titanium Amidinate Catalyzed Version of Ziegler's Aufbaureaktion. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 537-544	2.3	12
277	Selective O-methylations of 3-[(triphenylphosphoranylidene)acetyl]tetronic and -tetramic acids. <i>Tetrahedron</i> , <b>2013</b> , 69, 3677-3682	2.4	4
276	2-Aminopyridinate Titanium Complexes for the Catalytic Hydroamination of Primary Aminoalkenes. <i>Organometallics</i> , <b>2013</b> , 32, 1858-1865	3.8	44
275	A sustainable catalytic pyrrole synthesis. <i>Nature Chemistry</i> , <b>2013</b> , 5, 140-4	17.6	357
274	A highly efficient titanium catalyst for the synthesis of ultrahigh-molecular-weight polyethylene (UHMWPE). <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 9132-6	4.8	15
273	Regioselectively functionalized pyridines from sustainable resources. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 6326-9	16.4	150
272	SiCN nanofibers with a diameter below 100 nm synthesized via concerted block copolymer formation, microphase separation, and crosslinking. <i>Small</i> , <b>2013</b> , 9, 984-9	11	6
271	SiCN Nanofibers with a Diameter Below 100 nm Synthesized via Concerted Block Copolymer Formation, Microphase Separation, and Crosslinking. <i>Small</i> , <b>2013</b> , 9, 984-989	11	14
270	Aminopyridinate-FI hybrids, their hafnium and titanium complexes, and their application in the living polymerization of 1-hexene. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 14254-62	4.8	16

269	1,1-Carboboration of Dialkynyltin Compounds using Triorganoboranes of Greatly Different Lewis Acid Strength. 1,4-Stannabora-cyclohexa-2,5-dienes and Characterization of Zwitterionic Intermediates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2013</b> , 639, 1205-1213	1.3	14
268	Ni/Pd@MIL-101: Synergetische Katalyse mit kavitätenkonformen Ni/Pd-Nanopartikeln. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 11640-11644	3.6	33
267	Molecular conformation dependent emission behaviour (blue, red and white light emissions) of all-trans- $\beta$ -carotene-ZnS quantum dot hybrid nanostructures. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 18454		13
266	Robust Microporous Monoliths with Integrated Catalytically Active Metal Sites Investigated by Hyperpolarized $^{129}\text{Xe}$ NMR. <i>Chemistry of Materials</i> , <b>2012</b> , 24, 3952-3963	9.6	45
265	f-Element-metal bonding and the use of the bond polarity to build molecular intermetallics. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 13566-79	4.8	75
264	Tailored nanostructuring of end-group-functionalized high-density polyethylene synthesized by an efficient catalytic version of Ziegler's "Aufbaureaktion". <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 13974-8	4.8	24
263	Polymer derived non-oxide ceramics modified with late transition metals. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 5102-16	58.5	115
262	Hafnium Trialkyls Stabilized by Bulky, Electron-Rich Aminopyridinates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2012</b> , 638, 324-330	1.3	6
261	Sonochemical Activation of Al/Ni Hydrogenation Catalyst. <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 3128-3135	3.6	46
260	The Iridium-Catalyzed Synthesis of Symmetrically and Unsymmetrically Alkylated Diamines under Mild Reaction Conditions. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 847-862	5.6	97
259	Ni/Pd@MIL-101: synergistic catalysis with cavity-conform Ni/Pd nanoparticles. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 11473-7	16.4	166
258	Analysis of polyethylene-particle filled SiCN precursor and the resulting porous ceramics with emphasis on using micro computed tomography. <i>Journal of the Ceramic Society of Japan</i> , <b>2011</b> , 119, 477-482	1	10
257	N-Methyl-anilinoborane: Monomer, Dimers, Molecular Structure, and Rearrangement into $\eta^2$ (N-Methyl-anilino)diborane(6). A Convenient Route to $\eta^2$ (Amino)diboranes(6). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2011</b> , 637, 401-405	1.3	13
256	Titanium Complexes Stabilized by Bulky Electron-Rich Aminopyridinates and Their Application in Ethylene and Styrene Polymerization. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 5512-5522	2.3	20
255	Hochenantioselektive Amidoiridium-Katalysatoren für die Hydrierung einfacher Ketone. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 2231-2234	3.6	7
254	Die Bildung von cyclo-E4 $\eta^2$ -Einheiten (E4=P4, As4, AsP3) durch einen Komplex mit Chrom-Chrom-Füßfachbindung. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 7421-7424	3.6	53
253	Molekulare Lanthanoid-Übergangsmetall-Cluster mittels C-H-Bindungsaktivierung an polaren Metall-Metall-Bindungen. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 7837-7840	3.6	8
252	Highly enantioselective amido iridium catalysts for the hydrogenation of simple ketones. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 2183-6	16.4	38



251	Formation of cyclo-E4(2-) units (E4 =P4, As4, AsP3) by a complex with a Cr-Cr quintuple bond. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 7283-6	16.4	99
250	Molecular lanthanoid-transition-metal cluster through C-H bond activation by polar metal-metal bonds. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 7695-8	16.4	27
249	Inside Cover: Molecular Lanthanoid-Transition-Metal Cluster through C-H Bond Activation by Polar Metal-Metal Bonds (Angew. Chem. Int. Ed. 33/2011). <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 7450-7450	16.4	
248	Synthesis and reactivity of 4,5-[1,2-dicarba-closo-dodecaborano(12)]-1,3-diselenacyclopentane: opening of the icosahedron to give a zwitterionic intermediate and conversion into 7,8-dicarba-nido-undecaborate(1-). <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 3238-51	4.8	18
247	Selective protonation of the Y-C bond in trinuclear yttrium alkyl-hydrido clusters and formation of the cationic polyhydrido core. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 3824-6	4.8	38
246	Cycloaddition reactions of a chromium-chromium quintuple bond. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 6900-3	4.8	51
245	Selective palladium-loaded MIL-101 catalysts. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 8071-7	4.8	109
244	The generation of palladium silicide nanoalloy particles in a SiCN matrix and their catalytic applications. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 18825		40
243	Synthesis of Alumina-Terminated Linear PE with a Hafnium Aminopyridinate Catalyst. <i>Organometallics</i> , <b>2011</b> , 30, 4854-4861	3.8	25
242	Highly active titanium-based olefin polymerization catalysts bearing bulky aminopyridinato ligands. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 4598-606	5.1	36
241	The potassium hydride mediated trimerization of imines. <i>Chemical Communications</i> , <b>2011</b> , 47, 4183-5	5.8	5
240	Catalytic formation of carbon phases in metal modified, porous polymer derived SiCN ceramics. <i>Carbon</i> , <b>2011</b> , 49, 3065-3072	10.4	32
239	Molecules containing rare-earth atoms solely bonded by transition metals. <i>Nature Chemistry</i> , <b>2010</b> , 2, 741-4	17.6	90
238	Catalytic alkylation of methyl-N-heteroaromatics with alcohols. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 924-5	16.4	129
237	Composites of metal nanoparticles and TiO2 immobilized in spherical polyelectrolyte brushes. <i>Langmuir</i> , <b>2010</b> , 26, 4176-83	4	27
236	An efficient yttrium catalysed version of the "Aufbaureaktion" for the synthesis of terminal functionalised polyethylene. <i>Dalton Transactions</i> , <b>2010</b> , 39, 6847-52	4.3	35
235	An intermolecular C-C coupling reaction of iridium complexes. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 1954	3.6	8
234	Alkynylsilanes and Alkynyl(vinyl)silanes. Synthesis, Molecular Structures and Multinuclear Magnetic Resonance Study. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2010</b> , 65, 725-744		16

233	Tetra(alkynyl)silanes, a 3,6-Disila-triayne, a 3,6,9-Trisila-tetrayne, a 1,3,4,6-Tetrasiladiyne, and Bis(trimethylstannyl)ethyne. Molecular Structures and Solid-state NMR Studies. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2010</b> , 65, 119-127	1	10
232	9-Borafluorenes [NMR spectroscopy and DFT calculations. Molecular structure of 1,2-(2,2'-diphenylene)-1,2-diethylidiborane. <i>Collection of Czechoslovak Chemical Communications</i> , <b>2010</b> , 75, 743-756		10
231	Intramolecular C-H Bond Activation by Lanthanoid Complexes Bearing a Bulky Aminopyridinato Ligand. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 248-257	2.3	22
230	Aminopyridinate-Stabilized Lanthanoid Complexes: Synthesis, Structure and Polymerization of Ethylene and Isoprene. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 2853-2860	2.3	36
229	Novel Amido-Complexes for the Efficient Asymmetric Hydrogenation of Imines. <i>Advanced Synthesis and Catalysis</i> , <b>2010</b> , 352, 3126-3130	5.6	14
228	Copper-containing SiCN precursor ceramics (Cu@SiCN) as selective hydrocarbon oxidation catalysts using air as an oxidant. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 4231-8	4.8	59
227	Molecular [Yb(TM) <sub>2</sub> ] intermetalloids (TM=Ru, Re). <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 10679-83	4.8	36
226	New iridium catalysts for the efficient alkylation of anilines by alcohols under mild conditions. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 13193-8	4.8	137
225	Ammonolysis of 1,2-Bis[dichloro(methyl)silyl]ethane. On the Structure of 1,3,6,8-Tetramethyl-2,7,11,12-tetraaza-1,3,6,8-tetrasila-tricyclo[6.2.1.1 <sup>3,6</sup> ]-dodecane. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2010</b> , 636, 1056-1060	1.3	3
224	Rare Earth Polymerization Catalysts Supported by Bulky Aminopyridinato Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2010</b> , 636, 2135-2147	1.3	21
223	The shortest metal-metal bond. <i>Chemical Record</i> , <b>2010</b> , 10, 413-6	6.6	30
222	Synthesis of Selectively Mono-N-Arylated Aliphatic Diamines via Iridium-Catalyzed Amine Alkylation. <i>Advanced Synthesis and Catalysis</i> , <b>2009</b> , 351, 2903-2911	5.6	112
221	Selective iridium-catalyzed alkylation of (hetero)aromatic amines and diamines with alcohols under mild reaction conditions. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3790-9	4.8	184
220	Synthesis and Structure of Aminopyridinato-Stabilized Yttrium and Lanthanum Amides and Their Reactivity towards Alkylaluminium Compounds. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 412-418	2.3	43
219	Bimetallic Complexes of Ytterbium and Europium Stabilized by Sterically Demanding Dipyriddydamides. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 1051-1059	2.3	12
218	First Row Transition Metal Aminopyridinates [The Missing Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 1385-1392	2.3	30
217	Reactions of 3-(Diethylboryl)stannoles with Isocyanates. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 1469-1476	2.3	5
216	Scandium Aminopyridinates: Synthesis, Structure and Isoprene Polymerization. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 4255-4264	2.3	39

215	Synthesis and Molecular Structure of Silole Derivatives Bearing Functional Groups on Silicon: 1,1-Organoboration of Dialkynylsilanes. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 4416-4424	2.3	15
214	Synthesis and molecular structures of 1-chloro-1-silacyclopent-2-enes. Combination of 1,2-hydroboration, 1,1-organoboration and protodeborylation. <i>Applied Organometallic Chemistry</i> , <b>2009</b> , 23, 124-131	3.1	18
213	Synthesis and molecular structures of 1-boracyclopent-2-enes. <i>Applied Organometallic Chemistry</i> , <b>2009</b> , 23, 204-211	3.1	10
212	Trilithium Trisaminotriazines. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, 811-814	1.3	2
211	Metal-Metal Distances at the Limit: Cr-Cr 1.73 Å - The Importance of the Ligand and its Fine Tuning. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, 1149-1152	1.3	98
210	Attempted Reduction of Divalent Rare Earth Iodo Aminopyridinates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, NA-NA	1.3	2
209	Carboalumination of a chromium-chromium quintuple bond. <i>Nature Chemistry</i> , <b>2009</b> , 1, 322-5	17.6	119
208	Ultrashort metal-metal distances and extreme bond orders. <i>Nature Chemistry</i> , <b>2009</b> , 1, 529-36	17.6	148
207	Single and double C-Cl-activation of methylene chloride by P,N-ligand coordinated rhodium complexes. <i>Chemistry - an Asian Journal</i> , <b>2009</b> , 4, 321-7	4.5	25
206	Thermosensitive core-shell microgel as a nanoreactor for catalytic active metal nanoparticles. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 3955		168
205	Selective Assembly of Trinuclear Rare-Earth Alkyl Hydrido Clusters Supported by Amidopyridinate Ligands. <i>Organometallics</i> , <b>2008</b> , 27, 2905-2907	3.8	81
204	Crystal structure of tribenzyltris(tetrahydrofurano)neodymium(III), [Nd(CH <sub>2</sub> Ph) <sub>3</sub> (OC <sub>4</sub> H <sub>8</sub> ) <sub>3</sub> ]. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2008</b> , 223, 397-398	0.2	2
203	Crystal structure of manganese(II) biquinolinedicarboxylate monohydrate, Mn(H <sub>2</sub> O)(C <sub>20</sub> H <sub>10</sub> N <sub>2</sub> O <sub>4</sub> ). <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2008</b> , 223, 53-54	0.2	
202	Crystal structure of tetra-β-bromo-tetrakis(trimethylsilyl-(4-methylpyridine-2-yl)amine)tetracopper(I), [CuBr(C <sub>9</sub> H <sub>16</sub> N <sub>2</sub> Si)] <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2008</b> , 223, 311-312	0.2	
201	Crystal structure of bis-(N,N'-bis-(trimethylsilyl)-pyridine-2-amino-6-amido)-(N,N'-bis-(trimethylsilyl)-pyridine-2,6-diamido)-di-cobalt(II), Co <sub>2</sub> (C <sub>11</sub> H <sub>22</sub> N <sub>3</sub> Si <sub>2</sub> ) <sub>2</sub> (C <sub>11</sub> H <sub>21</sub> N <sub>3</sub> Si <sub>2</sub> ). <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2008</b> , 223, 313-315	0.2	4
200	Crystal structure of bis(1,1,1,3,3,3-hexamethyl-disilylamide)bis((4,6-dimethyl-pyridin-2-yl)-[6-(2,4,6-triisopropyl-phenyl)-pyridin-2-yl]-amide)diytterbium(II), {Yb(C <sub>27</sub> H <sub>35</sub> N <sub>3</sub> )[N(Si(CH <sub>3</sub> ) <sub>3</sub> )] <sub>2</sub> } <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2008</b> , 223, 395-396	0.2	2
199	Protodeborylation of Triorganoboranes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2008</b> , 63, 275-279	1	12
198	Synthesis and Structure of a Hexameric Silver and Tetrameric Gold Aminopyridinates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 2897-2902	1.3	11

197	Pt@MOF-177: synthesis, room-temperature hydrogen storage and oxidation catalysis. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 8204-12	4.8	252
196	C≡C Coupling Reaction of Triphenylbismuth(V) Derivatives and Olefins in the Presence of Palladium Nanoparticles Immobilized in Spherical Polyelectrolyte Brushes. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 379-383	2.3	18
195	Small Steric Variations in Ligands with Large Synthetic and Structural Consequences. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 557-562	2.3	22
194	Acetylenetitanium Complex Stabilized by Aminopyridinato Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 2377-2381	2.3	17
193	Synthesis and Structure of Zirconium and Hafnium Polymerisation Catalysts Stabilised by Very Bulky Aminopyridinato Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 5088-5098	2.3	35
192	Combination of 1,2-Hydroboration and 1,1-Organoboration: A Convenient Route to 5-Silaspiro[4,4]nona-1,6-diene Derivatives. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 5367-5372	2.3	11
191	Bismetallocenes: lanthanoid-transition-metal bonds through alkane elimination. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 6469-72	16.4	85
190	Metal-metal distances at the limit: a coordination compound with an ultrashort chromium-chromium bond. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 7246-9	16.4	150
189	Synthesis and structure of novel spiro-silanes. Combination of 1,2-hydroboration and 1,1-organoboration. <i>Applied Organometallic Chemistry</i> , <b>2008</b> , 22, 383-388	3.1	26
188	Stable Bimetallic Gold/Platinum Nanoparticles Immobilized on Spherical Polyelectrolyte Brushes: Synthesis, Characterization, and Application for the Oxidation of Alcohols. <i>Advanced Materials</i> , <b>2008</b> , 20, 1928-1933	24	178
187	Suzuki- and Heck-Type Cross-Coupling with Palladium Nanoparticles Immobilized on Spherical Polyelectrolyte Brushes. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 493-500	5.6	74
186	An Efficient Method for the Selective Iridium-Catalyzed Monoalkylation of (Hetero)aromatic Amines with Primary Alcohols. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 749-758	5.6	176
185	Bismetallocene-Lanthanoid-Übergangsmetall-Bindungen durch Alkaneliminierung. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 6569-6572	3.6	30
184	Metall-Metall-Abstände am Limit: ein Komplex mit ultrakurzer Cr-Cr-Bindung. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 7356-7359	3.6	59
183	Crystal structure of bis-β(N,N'-bis-(trimethylsilyl)-pyridine-2-amine-6-amido)-β(N,N'-bis-(trimethylsilyl)-pyridine-2,6-diamido)-di-tetrahydrofuran- tetralithium, [(C <sub>11</sub> H <sub>21</sub> N <sub>3</sub> Si <sub>2</sub> )(C <sub>11</sub> H <sub>22</sub> N <sub>3</sub> Si <sub>2</sub> ) <sub>2</sub> (C <sub>4</sub> H <sub>8</sub> O) <sub>2</sub> Li <sub>4</sub> ]. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2008</b> , 223, 307-308	0.2	2
182	Intramolecular (sp <sup>3</sup> -hybridized) C≡C Activation: Yttrium Alkyls versus Transient Yttrium Hydrides. <i>Organometallics</i> , <b>2007</b> , 26, 5770-5773	3.8	58
181	1,2-Hydroboration of Alkyn-1-yl(chloro)silanes: Alkenes Bearing Chlorosilyl and Dialkylboryl Groups in Geminal Positions. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2007</b> , 62, 75-81	1	10
180	How to polymerize ethylene in a highly controlled fashion?. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 2764-73	4.8	220

179	An efficient bimetallic rhodium catalyst for the direct arylation of unactivated arenes. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 3135-8	16.4	103
178	Boryl-substituted 1-silacyclobutenes. Formation and molecular structure. <i>Applied Organometallic Chemistry</i> , <b>2007</b> , 21, 39-45	3.1	20
177	Diselenastanna-, -sila- and -carbacycles with an annelated dicarba-closo-dodecaborane(12) unit. <i>Applied Organometallic Chemistry</i> , <b>2007</b> , 21, 108-116	3.1	18
176	Ein effizienter Dirhodiumkatalysator für die nichtdirigierte Direktarylierung nichtaktivierter Arene. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 3196-3199	3.6	29
175	Novel 1,2-Dicarba-closo-dodecaborane(12) Derivatives of Selenium. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 239-246	2.3	27
174	Sterically Demanding Iminopyridine Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 4221-4228	3.8	38
173	f-Block-Element-f-Block-Element NMR Spin-Spin Coupling. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 4583-4586	2.3	11
172	Highly active/selective and adjustable zirconium polymerization catalysts stabilized by aminopyridinato ligands. <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 4569-4579	2.3	47
171	How Common Are True Aminopyridinato Complexes?. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 320-325	1.3	42
170	Hydrolysis and Oxidation of a 1-Boryl-1-silyl-alkene. Molecular Structures of 9-Hydroxy-9-borabicyclo[3.3.1]nonane and a Bicyclic Oxasilabora-heptadecane B2(OSiPh2OSiPh2O)3. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 453-457	1.3	5
169	1,3,2-Diselenaphospholanes with an Anellated Dicarba-closo-dodecaborane(12) Unit. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 851-857	1.3	20
168	Di- and trivalent rare earth complexes stabilized by sterically demanding aminopyridinato ligands as initiators in ring-opening polymerization reactions of $\epsilon$ -caprolactone. <i>Journal of Polymer Science Part A</i> , <b>2007</b> , 45, 3611-3619	2.5	42
167	Spherical polyelectrolyte brushes as carriers for platinum nanoparticles in heterogeneous hydrogenation reactions. <i>Journal of Catalysis</i> , <b>2007</b> , 246, 10-14	7.3	62
166	Ionic 1,2,5-oxonia- and zwitterionic 1,2,5-oxasilaboratole derivatives. Synthesis and molecular structures. <i>Applied Organometallic Chemistry</i> , <b>2007</b> , 21, 676-681	3.1	2
165	Syntheses, structures and electrochemistry of some 1-(12-allylamino)-1-ferrocenylcarbene complexes of chromium(0), molybdenum(0) and tungsten(0): Part 13: The chemistry of metallacyclic alkenylcarbene complexes. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 859-868	2.3	11
164	The development of an enantioselective nickel hydrosilylation catalyst system via multi-substrate screening. <i>Journal of Molecular Catalysis A</i> , <b>2006</b> , 257, 48-52		17
163	Reversible chain transfer between organoyttrium cations and aluminum: synthesis of aluminum-terminated polyethylene with extremely narrow molecular-weight distribution. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 8969-78	4.8	136
162	Synthesis and Structure of Trialkyltantalum Complexes Stabilized by Aminopyridinato Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 2683-2689	2.3	16

161	Crystal structure of 1,5-cyclooctadiene-bis[(4-methyl-pyridin-2-yl)-trimethylsilylanyl-amido]ruthenium(II), RU(C <sub>8</sub> H <sub>12</sub> )(C <sub>9</sub> H <sub>15</sub> N <sub>2</sub> Si) <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2006</b> , 221, 93-94	0.2	
160	Crystal structure of (2,6-diisopropyl-phenyl)[N-tris(pentafluorophenyl)-boronyl-pyridin-2-yl]amine, (C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> B(C <sub>5</sub> H <sub>4</sub> N)(C <sub>12</sub> H <sub>18</sub> N). <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2006</b> , 221, 283-284	0.2	
159	Crystal structure of bis(1,3-bis[(4-methyl-pyridin-2-yl]amido)-1,1,3,3-tetramethyldisiloxane)dichromium dichloride, [(C <sub>16</sub> H <sub>24</sub> N <sub>4</sub> O <sub>2</sub> Si) <sub>2</sub> CrCl] <sub>2</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2006</b> , 221, 413-414	0.2	
158	Metal-metal bonding in sterically frustrated dipalladium species. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 9160-2	5.1	17
157	Group 10 metal aminopyridinato complexes: synthesis, structure, and application as aryl-Cl activation and hydrosilane polymerization catalysts. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 1871-9	5.1	18
156	Crystal structure of dicyclohexyl-2,2'-dipyridylamidophosphane, C <sub>22</sub> H <sub>30</sub> N <sub>3</sub> P. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2006</b> , 221, 411-412	0.2	
155	Synthesis and Structure of 1,1'-Bis(pyridinylamino)ferrocenes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2006</b> , 632, 433-436	1.3	2
154	Lanthanum Dibromide Complexes of Sterically Demanding Aminopyridinato and Amidinate Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2006</b> , 632, 1936-1938	1.3	19
153	Synthesis, Characterization and X-ray Crystal Structures of [Cu(ncaen) <sub>2</sub> ]ClO <sub>4</sub> and [Cu(nca2en)(PPh <sub>3</sub> ) <sub>2</sub> ]BPh <sub>4</sub> Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2006</b> , 632, 2321-2325	1.3	7
152	Crystal structure of tetrakis[(4-methyl-pyridin-2-yl)-trimethylsilylanyl-amido] zirconium(IV), Zr(C <sub>9</sub> H <sub>15</sub> N <sub>2</sub> Si) <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2006</b> , 221, 415-418	0.2	
151	Crystal structure of 3,4,7,8-bis(1,2-dicarba-closo-dodecaborano[1,2])-1,2,5,6-tetraselenacyclooctane benzene solvate, [(C <sub>2</sub> B <sub>10</sub> H <sub>10</sub> )Se <sub>2</sub> ] <sub>2</sub> · C <sub>6</sub> D <sub>6</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2006</b> , 221, 419-420	0.2	
150	High catalytic activity of platinum nanoparticles immobilized on spherical polyelectrolyte brushes. <i>Langmuir</i> , <b>2005</b> , 21, 12229-34	4	318
149	Lead(II) complexes of 2,2'-diamino-4,4'-bithiazole (DABTZ) including crystal structure of a novel 1D chain polymer, [PB(DABTZ)(E <sub>3</sub> CN)(E <sub>3</sub> NO <sub>3</sub> )] <sub>n</sub> . <i>Journal of Coordination Chemistry</i> , <b>2005</b> , 58, 1719-1726	1.6	9
148	Synthesis and structural characterization of a Cu(II) complex with 3-(2-pyridyl)-5,6-diphenyl-1,2,4-triazine (PDPT). <i>Journal of Coordination Chemistry</i> , <b>2005</b> , 58, 1631-1637	1.6	23
147	An efficient route to substituted 1-silacyclopent-2-enes and 1-silacyclohex-2-enes via consecutive 1,2-hydroboration and 1,1-organoboration. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 4183-4190	2.7	21
146	Di- and Trivalent Lanthanide Complexes Stabilized by Sterically Demanding Aminopyridinato Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 1319-1324	2.3	57
145	Early and Late Transition Metal Complexes Stabilised by Imidazopyridazine-Substituted Bisamido Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 4382-4392	2.3	12
144	A Novel One-Dimensional Coordination Polymer Involving Weak Hg <sup>2+</sup> Hg Interactions. <i>Helvetica Chimica Acta</i> , <b>2005</b> , 88, 2267-2271	2	41

143	[Pb <sub>2</sub> (AMP) <sub>2</sub> (X) <sub>2</sub> ], X = Br and I   AMP = 2-aminomethylpyridine, Two New Dimeric Lead(II) Complexes Extended in One-dimensional Helical Chain Polymers by Noncovalent $\pi$ -stacking. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 943-946	1.3	4
142	Coordination Polymers that Contain Accessible Metal Centres - Synthesis and Structure of a Nickel Cluster Connected Porphyrin Network. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 1038-1040	1.3	15
141	Platinum(II) Complexes with 1-Cyclohepta-2,4,6-trienyl-diphenylphosphane, Ph <sub>2</sub> P(C <sub>7</sub> H <sub>7</sub> ), and Alkyn-1-yl Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 2629-2634	1.3	5
140	$\pi$ -Stacking-Interlinked Molecular Squares with Hepta-Coordinated Cadmium(II) Corners, [Cd(DMAP) <sub>3</sub> (NO <sub>2</sub> ) <sub>2</sub> ] $\cdot$ 0.5H <sub>2</sub> O. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 1932-1934	1.3	4
139	Zinc(II) and Cadmium(II) Complexes of the 3-(2-Pyridyl)-5,6-diphenyl-1,2,4-triazine (PDPT) Ligand, Structural Studies of [Zn(PDPT) <sub>2</sub> Cl(ClO <sub>4</sub> )] and [Cd(PDPT) <sub>2</sub> (NO <sub>3</sub> )(ClO <sub>4</sub> )]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 3070-3073	1.3	7
138	New mixed-anion 2-aminomethylpyridine (AMP) lead(II) complexes, Pb(AMP) <sub>n</sub> (ClO <sub>4</sub> ) <sub>X</sub> , (X=CH <sub>3</sub> COO and n=1 or X= and n=2); crystal and molecular structure of [Pb(AMP) <sub>2</sub> ](ClO <sub>4</sub> )(NO <sub>3</sub> ). <i>Journal of Coordination Chemistry</i> , <b>2005</b> , 58, 1233-1239	1.6	6
137	Syntheses and characterization of mixed-anion cadmium(II) complexes, structural characterization of [Cd(phen) <sub>2</sub> (NO <sub>2</sub> ) <sub>1.65</sub> (NO <sub>3</sub> ) <sub>0.35</sub> ], as a new eight-coordinate Cd(II) complex. <i>Journal of Coordination Chemistry</i> , <b>2005</b> , 58, 1161-1167	1.6	3
136	Synthesis and Structure of a Bipyridyldicarboxylate Connected Neodymium Organic Framework. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2004</b> , 630, 1377-1379	1.3	14
135	A new arene synthesis--or: how inert is the cyclopentadienyl ligand?. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 1463-4	16.4	14
134	Eine neuartige Arensynthese   oder: Wie inert ist der Cyclopentadienylligand?. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 1487-1488	3.6	4
133	Lithium and Potassium Amides of Sterically Demanding Aminopyridines. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 3297-3304	2.3	62
132	The Strained $\pi$ -NAmido $\pi$ -Pyridine Coordination of Aminopyridinato Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 791-803	2.3	109
131	Concerning the question of f- and d-electron interactions in heterodinuclear compounds: synthesis, structure and 103Rh NMR investigations of La <sup>3+</sup> /Rh-bimetallics. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 345, 130-136	2.7	6
130	Reactions of a Hydroxy Phosponite Ligand in the Coordination Sphere of Rhodium(I). <i>Organometallics</i> , <b>2003</b> , 22, 4265-4271	3.8	32
129	Crystal structure of dimethylamido-hexahydro-2-azepinato-bis[2-(trimethylsilylamino)-4-methylpyridinato]-titanium(IV), C <sub>26</sub> H <sub>46</sub> N <sub>6</sub> O <sub>2</sub> Si <sub>2</sub> Ti. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2003</b> , 218, 467-468	0.2	2
128	Kombinatorische Bibliotheken mit P-funktionalisierten Aminopyridinen   Liganden zur Herstellung effizienter C(Aryl)-Cl-Aktivierungskatalysatoren. <i>Angewandte Chemie</i> , <b>2002</b> , 114, 1591-1594	3.6	13
127	Combinatorial libraries with P-functionalized aminopyridines: ligands for the preparation of efficient C(aryl)-Cl activation catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 1521-3	16.4	53
126	Towards f and d electron interactions in amido metal complexes. <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 647, 12-20	2.3	82

125	Intramolecularly donor-stabilized silenes. <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 621, 261-266	2.3	16
124	Bis(pyrimidine)-based palladium catalysts: synthesis, X-ray structure and applications in Heck/Suzuki/Sonogashira/Hagihara couplings and amination reactions. <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 634, 39-46	2.3	134
123	Dipyridylamine Ligands: Synthesis, Coordination Chemistry of the Group 10 Metals and Application of Nickel Complexes in Ethylene Oligomerization. <i>European Journal of Inorganic Chemistry</i> , <b>2001</b> , 2001, 2421-2426	2.3	55
122	Coordination Polymers of Dipyridyldicarboxylates - Infinite Chains of Octahedral Coordinated MnII Atoms and Water Molecules. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2001</b> , 627, 131-133	1.3	29
121	Coordination Polymers of Bipyridyldicarboxylates: A Cobalt Containing 12,3-net with Potential Reactive Sites. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2001</b> , 627, 1711-1713	1.3	40
120	Synthesis and structural characterization of novel silenes stabilized by intramolecular coordination of a dialkylamino group. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 987-92	4.8	20
119	Lanthanide-mediated ligand transfer reactions--a route to late transition metal bisamido complexes. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 1630-6	4.8	27
118	N-Acyl-N,N-dipyridyl and N-acyl-N-pyridyl-N-quinoyl amine based palladium complexes. Synthesis, X-ray structures, heterogenization and use in Heck couplings. <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 622, 6-18	2.3	90
117	[Me <sub>3</sub> SiN(PPH <sub>3</sub> )-ICN]: a new labile donor-acceptor complex. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 5182-7	5.1	10
116	Polymer-supported polymerization catalysts via romp. <i>Macromolecular Symposia</i> , <b>2001</b> , 164, 187-196	0.8	21
115	Crystalline Materials with Large Channels or Cavities: Synthesis and Crystal Structure of an Iron(III) tetra(4-carboxyphenyl)-porphine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2000</b> , 626, 1279-1281	1.3	14
114	Highlights der Renaissance der Amidometallchemie. <i>Angewandte Chemie</i> , <b>2000</b> , 112, 478-504	3.6	64
113	Reaktion von Dichlormethyltris(trimethylsilyl)silan mit Organolithiumreagentien: Synthese eines intramolekular donorstabilisierten Silens. <i>Angewandte Chemie</i> , <b>2000</b> , 112, 1679-1681	3.6	15
112	Highlights in the Renaissance of Amidometal Chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2000</b> , 39, 468-493	16.4	235
111	Reaction of Dichloromethyltris(trimethylsilyl)silane with Organolithium Reagents: Synthesis of an Intramolecularly Donor-Stabilized Silene This work was supported by the State of Mecklenburg-Vorpommern, by the Deutsche Forschungsgemeinschaft, and by the Fonds der Chemischen Industrie. We thank Prof. M. Michalik and Prof. N. Stoll for recording NMR and mass spectra. <i>Angewandte Chemie - International Edition</i> , <b>2000</b> , 39, 1610-1612	16.4	31
110	Head-to-head versus head-to-tail dimerizations of transient silenes: The generation and dimerization behavior of 2-(2-dimethylaminoaryl)-1,1-bis(trimethylsilyl)silenes. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 598, 395-402	2.3	6
109	Synthesis, structure and spectroscopic properties of branched oligosilanes. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 613, 208-219	2.3	21
108	SYNTHESIS OF NEW ALKYL DERIVATIVES OF 2,2'-DIHYDROXY-1,1'-BINAPHTHYL. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>1999</b> , 152, 203-228	1	3



107	Dimerization of titanacyclocumulenes to titanium substituted radialenes: synthesis, stability and reactions of five-membered titanacyclocumulenes with a coupling of two 1,4-diphenyl-1,3-butadiyne between two titanocene molecules to radialene-like fused Titanacyclopentadiene compounds. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 578, 125-132	2.3	31
106	Geminal Bis(hypersilyl) Compounds: The Reaction of Tris(trimethylsilyl)silyllithium with Dialkyl(chloromethylene)ammonium Chlorides. <i>European Journal of Inorganic Chemistry</i> , <b>1999</b> , 1999, 21-26	2.3	3
105	Complexes of Group 3 Metals and Lanthanides That Contain Siloxane-Bridged Bisaminopyridinato Ligands: Synthesis, Structure, and Application in the Ring-Opening Polymerization of Lactones. <i>European Journal of Inorganic Chemistry</i> , <b>1999</b> , 1999, 2283-2288	2.3	35
104	Geminal Bis(hypersilyl) Compounds: The Synthesis and Structure of Bis[tris(trimethylsilyl)silyl]methane. <i>Organometallics</i> , <b>1999</b> , 18, 1815-1817	3.8	7
103	Novel Ti <sub>6</sub> , Zr <sub>3</sub> , and Zr <sub>6</sub> Complexes from Branched Polyynes and Titanocene as Well as Zirconocene. <i>Organometallics</i> , <b>1999</b> , 18, 2906-2909	3.8	26
102	Stability of Bridged and Unbridged $\eta^2$ -Alkyne-Titanocene and Zirconocene Complexes: Influence of Metals, Alkyne Substituents, Cp Substitution and Additional Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>1998</b> , 1998, 419-424	2.3	19
101	. <i>European Journal of Inorganic Chemistry</i> , <b>1998</b> , 1998, 1291-1295	2.3	29
100	. <i>European Journal of Inorganic Chemistry</i> , <b>1998</b> , 1998, 1351-1357	2.3	26
99	Unypical Regioselectivity of Carbon Dioxide Coupling with Titanocene Complexes of Phenyl(trimethylsilyl)acetylene by Using the meso-1,2-Ethylene-1,1'-bis( $\eta^5$ -tetrahydroindenyl) Ligand System. <i>European Journal of Inorganic Chemistry</i> , <b>1998</b> , 1998, 1495-1502	2.3	11
98	Head-to-Head versus Head-to-Tail Dimerizations of Transient Silenes: The Solvent-Dependent Regiospecificity of the Dimerization of 2-(2-Methoxyphenyl)-1,1-bis(trimethylsilyl)silene. <i>European Journal of Inorganic Chemistry</i> , <b>1998</b> , 1998, 1667-1672	2.3	8
97	Terminal Alkynes in the Coordination Sphere of Titanocene Complexes: Elementary Steps in Catalytic Dimerizations and Oligomerizations of Alkynes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1998</b> , 624, 129-134	1.3	17
96	N $\equiv$ O-Bindungsspaltung in O-silylierten Oximen bei der Reaktion mit einem Titanocen-Alkin-Komplex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1998</b> , 624, 737-740	1.3	20
95	Katalysatordeaktivierungen bei der Acetylen-Polymerisation mit Titanocen- bzw. Zirconocen-Komplexen des Bis(trimethylsilyl)acetylen. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1998</b> , 624, 919-924	1.3	43
94	Lithiumhydridosilylamide R <sub>2</sub> (H)SiN(Li)R? Darstellung, Eigenschaften und Kristallstrukturen. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1998</b> , 624, 1369-1375	1.3	8
93	Yttrium-vermittelter Ligandentransfer und Direktsynthese als Wege zu Amidopalladium-Komplexen. <i>Angewandte Chemie</i> , <b>1998</b> , 110, 824-827	3.6	17
92	Metall-Metall-Kommunikation von Rh oder Pd mit Nd in neuartigen heterozweikernigen Komplexen. <i>Angewandte Chemie</i> , <b>1998</b> , 110, 2190-2192	3.6	22
91	Neuartige Amidoniobkomplexe mit funktioneller Verwandtschaft zum [Cp <sub>2</sub> ZrR] <sup>+</sup> -Ion. <i>Angewandte Chemie</i> , <b>1998</b> , 110, 3565-3567	3.6	9
90	Si-H Activation in Titanocene and Zirconocene Complexes of Alkynylsilanes RC $\equiv$ CSiMe <sub>2</sub> H (R=tBu, Ph, SiMe <sub>3</sub> , SiMe <sub>2</sub> H): A Model To Understand Catalytic Reactions of Hydrosilanes. <i>Chemistry - A European Journal</i> , <b>1998</b> , 4, 1852-1861	4.8	48

- 89 Yttrate-Mediated Ligand Transfer and Direct Synthesis as a Route to Amidopalladium Complexes. *Angewandte Chemie - International Edition*, **1998**, 37, 832-835 16.4 47
- 88 Metal-Metal "Communication" of Rh or Pd with Nd in Novel Heterobinuclear Complexes. *Angewandte Chemie - International Edition*, **1998**, 37, 2079-2082 16.4 52
- 87 Synthesis of Optically Active  $\beta$ -Amino-phosphinic Acids by Catalytic Asymmetric Hydrogenation in Organic Solvents and Aqueous Micellar Media. *Angewandte Chemie - International Edition*, **1998**, 37, 2851-2853 16.4 59
- 86 Novel Amidoniobium Complexes with a Functional Relationship to the [Cp ZrR] Ion. *Angewandte Chemie - International Edition*, **1998**, 37, 3363-3365 16.4 35
- 85 Pyridine-based mono(ligand)nickel(0) complexes of 1,6-heptadiene, 1-phenyl-2-trimethylsilyl-acetylene, and 1,4-bis(trimethylsilyl)-1,3-butadiyne. *Tetrahedron*, **1998**, 54, 1277-1287<sup>20</sup> 2.4 287
- 84 Geminal di(hypersilyl) compounds. The synthesis and structure of dimethylamino-bis[tris(trimethylsilyl)silyl]methane. *Inorganic Chemistry Communication*, **1998**, 1, 128-130<sup>2.1</sup> 6
- 83 Homoleptic trisaminopyridinato M(III) complexes (M=Ti, V and Cr), synthesis, structure and EPR investigations. *Polyhedron*, **1998**, 17, 845-850 2.7 28
- 82 Molybdenum and tungsten Cp\* complexes that contain 2,2'-diamidodiphenylamido or 2-amido-2'-oxydiphenylamido ligands. *Polyhedron*, **1998**, 17, 749-758 2.7 6
- 81 Reactions of 1,4- and 2,3-Diazadienes with Titanocene and Zirconocene Complexes of Bis(trimethylsilyl)acetylene: Acetylene Coupling or Substitution Including Subsequent C-H Activation, C-C Coupling, and N-N Cleavage to Heterobimetallic Complexes. *Organometallics*, **1998** 3.8 81
- 80 Zirconocene and rac-[1,2-Ethylene-1,1'-bis( $\eta$ -tetrahydroindenyl)]zirconium Complexes of 2-Vinylpyridine: Syntheses, X-ray Crystal Structures, and Reactions with H<sub>2</sub>CCH<sub>2</sub>, H<sub>2</sub>O, HBF<sub>4</sub>, and CO<sub>2</sub>. *Organometallics*, **1998**, 17, 2096-2102 3.8 46
- 79 Reactions of Azines with Titanocene: C-H Activation, C-C Coupling, and N-N Cleavage to Heterobimetallic Complexes. *Organometallics*, **1998**, 17, 1649-1651 3.8 29
- 78 Early transition metal complexes containing aminopyridinato ligands: Coordination chemistry, organometallic chemistry and catalysis. *Polimery*, **1998**, 43, 96-103 3.4 5
- 77 Synthesis of Optically Active  $\beta$ -Amino-phosphinic Acids by Catalytic Asymmetric Hydrogenation in Organic Solvents and Aqueous Micellar Media **1998**, 37, 2851 1
- 76 Novel Amidoniobium Complexes with a Functional Relationship to the [Cp<sub>2</sub>ZrR]<sup>+</sup> Ion\* **1998**, 37, 3363 1
- 75 Some Reactions of the Products of Reactions of 1,4-Bis(trimethylsilyl)-1,3-butadiyne with Titanocene and Zirconocene. *Collection of Czechoslovak Chemical Communications*, **1997**, 62, 331-336 13
- 74 Head-to-Head versus Head-to-Tail Dimerizations of Transient 2-[(Dimethylamino)phenyl]-1,1-bis(trimethylsilyl)silenes. *Organometallics*, **1997**, 16, 1828-1832 3.8 11
- 73 Stable rac-[1,2-Ethylene-1,1'-bis( $\eta$ -tetrahydroindenyl)]-zirconacyclopentanes. Syntheses, X-ray Crystal Structures, Stability, and Catalysis of Ethylene Polymerization. *Organometallics*, **1997**, 16, 2886-2890 3.8 46
- 72 Titanium and Niobium Complexes Stabilized by Tris(aminopyridinato) Ligands: Evidence of Variable Denticity in Trianionic Polydentate Ligands. *Organometallics*, **1997**, 16, 5585-5588 3.8 19

71	The Thermal Isomerization of a Tetrahydro-2,3-disilaphthalene into a 1,2-Disilacyclobutane -The Conversion of a Formal Silene [2+4] Cyclodimer into the [2+2] Cycloadduct. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>1997</b> , 52, 815-818	1	2
70	Influence of a remote hydroxy group in the ligand on the reactivity of a chiral hydrogenation catalyst. <i>Tetrahedron: Asymmetry</i> , <b>1997</b> , 8, 213-222		20
69	Ferrocene Based Amido Ligands; Synthesis of bimetallic bis(aminopyridinato) titanium complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1997</b> , 623, 389-393	1.3	13
68	Reactions of the phenyl-substituted five-membered titanacyclocumulene [Unusual coupling of a 1,4-disubstituted 1,3-butadiyne with two titanium atoms. <i>Journal of Organometallic Chemistry</i> , <b>1997</b> , 536-537, 293-297	2.3	27
67	1,2-Di(hypersilyl)-ethylene [The unexpected result of the reaction of tris(trimethylsilyl)silyllithium with formic acid methyl ester. <i>Journal of Organometallic Chemistry</i> , <b>1997</b> , 534, 229-231	2.3	5
66	Interaction of carbon dioxide with acetylene complexes of titanocene Cp <sub>2</sub> Ti(RC <sub>2</sub> R) (R = Ph, SiMe <sub>3</sub> ). Synthesis and structure of binuclear alkynylcarboxylate complexes of titanium (III) Cp <sub>2</sub> TiC(R)C(R) COOTiCp <sub>2</sub> and unexpected transformation of these complexes into titanafuranone complexes. <i>Journal of Organometallic Chemistry</i> , <b>1997</b> , 532, 105-112	2.3	25
65	Twofold C-C Single Bond Activation and Cleavage in the Reaction of Octatetraynes with Titanocene and Zirconocene Complexes. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 2615-2617		41
64	Crown Thioether Chemistry: Novel Silver(I) Complexes of 1,3-Dithiole-Annulated 1,4,7-Trithiacyclononane. <i>Chemische Berichte</i> , <b>1997</b> , 130, 425-429		10
63	Ligand- Substrate Communication in Group 4 Aminopyridinato Complexes. <i>Chemische Berichte</i> , <b>1997</b> , 130, 789-794		23
62	Geminal di(hypersilyl) Compounds [The Synthesis and Structure of Bis[tris(trimethylsilyl)silyl]methanol. <i>Chemische Berichte</i> , <b>1997</b> , 130, 1709-1714		8
61	Crystal structure of bis(dimethylamido)bis(2-methylaminopyridinato)titanium, C <sub>16</sub> H <sub>26</sub> N <sub>6</sub> Ti. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>1997</b> , 212, 477-478	0.2	7
60	Crystal structure of chlorodimethylamido[ $\mu$ - $\eta$ , $\eta$ -di(4'-methylpyridine- 2-yl)-N1, N2-{1,1,3,3-tetramethyldisiloxane-1,3-diyl}odiamido-N1,N2,N3,N4] (diniethylamino)titanium(IV) n-hexane solvate (1/0.5), C <sub>20</sub> H <sub>37</sub> ClN <sub>6</sub> O <sub>2</sub> Si <sub>2</sub> Ti 0.5C <sub>6</sub> H <sub>14</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>1997</b> , 212, 481-483	0.2	2
59	Crystal structure of tris(isopropoxy)bis(isopropoxy)divanadium, C <sub>12</sub> H <sub>28</sub> O <sub>4</sub> V. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>1997</b> , 212, 485-486	0.2	5
58	Crystal structure of dichlorobis(dimethylamido)bis(dimethylamido)-dizirconium, C <sub>6</sub> H <sub>18</sub> Cl <sub>2</sub> N <sub>4</sub> Zr. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>1997</b> , 212, 490	0.2	4
57	rac-[1,2-Ethylene-1,1-bis( $\eta$ -tetrahydroindenyl)] [ $\eta$ - bis(trimethylsilyl)acetylene]zirconium, the First Zirconocene Alkyne Complex without Additional Ligands: [Synthesis, Reactions, and X-ray Crystal Structure. <i>Organometallics</i> , <b>1996</b> , 15, 3486-3490	3.8	42
56	Reactions of the Zirconocene Complexes of Bis(trimethylsilyl)acetylene with Formaldehyde, Benzaldehyde, and Benzophenone. <i>Organometallics</i> , <b>1996</b> , 15, 1340-1344	3.8	29
55	Mononuclear Titanium Complexes That Contain Aminopyridinato Ligands. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 2644-2649	5.1	66
54	Mononuclear Tris(aminopyridinato)zirconium Alkyl, Aryl, and Alkynyl Complexes. <i>Organometallics</i> , <b>1996</b> , 15, 1071-1074	3.8	56

53	Octahedral Group 4 Metal Complexes That Contain Amine, Amido, and Aminopyridinato Ligands: Synthesis, Structure, and Application in alpha-Olefin Oligo- and Polymerization. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 6742-6745	5.1	88
52	Nickel(0)-Komplexe fflgliedriger Titana- und Zirconacyclocumulene als Zwischenstufen in der C-C-Bindungsspaltung disubstituierter Butadiene. <i>Angewandte Chemie</i> , <b>1996</b> , 108, 1175-1178	3.6	29
51	Intermolekulare Carben-Carben-Kupplung eines nucleophilen Vinyliden- mit einem elektrophilen 1-Methoxyethylidenliganden. <i>Angewandte Chemie</i> , <b>1996</b> , 108, 1636-1638	3.6	7
50	Ring-Enlargement and Ring-Opening Reactions of Benzoxazole, Thiazoles, and Benzisoxazole by Zirconocene-Alkyne Complexes. <i>Chemische Berichte</i> , <b>1996</b> , 129, 207-211		10
49	ansa-Titanocene and -Zirconocene D-Alkyne Complexes -Synthesis, Spectral Characteristics, and X-ray Crystal Structure. <i>Chemische Berichte</i> , <b>1996</b> , 129, 959-962		19
48	Synthesis and Structure of Mononuclear Titanium Complexes Containing ansa-Aminopyridinato Ligands. <i>Chemische Berichte</i> , <b>1996</b> , 129, 1087-1091		25
47	Reactions of Lactams with Titanocene- and Zirconocene-Alkyne Complexes as Elemental Steps in Catalytic Anionic Ring-Opening Polymerization of Lactams. <i>Chemische Berichte</i> , <b>1996</b> , 129, 1281-1285		33
46	Nickel(0) Complexes of Five-Membered Titana- and Zirconacyclocumulenes as Intermediates in the Cleavage of C-C Bonds of Disubstituted Butadiynes. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 35, 1112-1115		62
45	Intermolecular Carbene-Carbene Coupling of a Nucleophilic Vinylidene and an Electrophilic 1-Methoxyethylidene Ligand. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 35, 1565-1567		13
44	The first chiral early-late heterobimetallic complex D titanium(IV)-palladium(II) complex based on salenophos. <i>Tetrahedron</i> , <b>1996</b> , 52, 14599-14606	2.4	37
43	Intramolekulare Cyclisierung von terminal disubstituierten fflDiinen an Titanocen Cp2Ti mit einer nachfolgenden, ungewnlichen Cp-ringffnung und neuen intramolekularen C-C-Knffung. <i>Journal of Organometallic Chemistry</i> , <b>1996</b> , 520, 187-193	2.3	71
42	Reaktion eines titanocenalkin-Komplexes mit trialkylammoniumtetraphenylboratEine neue darstellungsweise und erste kristallstrukturanalyse von neutralligandhaltigen kationischen titanocen(III-komplexen [{Cp2Ti(L)2+}{BPh4}]1. <i>Journal of Organometallic Chemistry</i> , <b>1996</b> , 520, 241-244	2.3	14
41	Influence of solvents on the insertion of methacrolein into zirconacycloprenes. <i>Journal of Organometallic Chemistry</i> , <b>1996</b> , 520, 235-239	2.3	2
40	Mixed Chloro(dialkylamido) Complexes of Zirconium and Hafnium. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1995</b> , 621, 2021-2024	1.3	52
39	Intramolekulare Insertion eines f-cyclopentadienyl-ringes in einem bis-f-cyclopentadienyltitanacyclopentadien. <i>Journal of Organometallic Chemistry</i> , <b>1995</b> , 503, 221-223	2.3	42
38	Darstellung und regioselektive reaktionen des phosphinfreien zirconocen-alkin-komplexes Cp2Zr(THF)(tBuC2SiMe3). <i>Journal of Organometallic Chemistry</i> , <b>1995</b> , 501, 189-194	2.3	33
37	Regioselektive reaktionen der fremdligandfreien titanocen-alkin-komplexe Cp2Ti(RC2SiMe3) (R = Me3Si, Ph, tBu, nBu). <i>Journal of Organometallic Chemistry</i> , <b>1995</b> , 501, 179-188	2.3	57
36	Zum Substituenteneinflun neuen Ni(0)-Butadiin-Komplexen / On the Influence of Substituents in New Ni(0) Butadiyne Complexes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>1995</b> , 50, 377-384	1	13

35	Der erste stabile Metallkomplex mit Hydrid- und Carbonyl-Brücke ohne weitere Brücken- und $\pi$ -Akzeptorliganden [(TMEDA)Ni( $\eta$ -H, $\eta$ -CO)Ni(TMEDA)]X (TMEDA: N,N,N',N'-Tetramethylethylenediamin, X = Monoanion der cis-Cyclohex-4-en oder Cyclohexandicarbonsäure) / The First Stable Metal Complex with Hydrid- and Carbonyl Bridges without Supporting Bridging and $\pi$ -Accepted Ligands [(TMEDA)Ni( $\eta$ -H, $\eta$ -CO)Ni(TMEDA)]X (TMEDA: N,N,N',N'-Tetramethylethylenediamine, X = Mono-anions of cis-Cyclohex-4-ene or Cyclohexanedicarboxyli. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>1995</b> , 50, 816-820	1	3
34	Novel trans- $\eta$ -2-Alkyne Complexes of Titanocene with Strong Si-H-Ti Interactions. Synthesis, Spectral Characteristics, and x-ray Crystal Structure. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 10399-10400	16.4	57
33	Heterobimetallische $\sigma$ - $\pi$ -Acetylid-Brückte Komplexe von Disubstituierten 1,3-Butadienen. <i>Organometallics</i> , <b>1995</b> , 14, 2961-2968	3.8	60
32	Reactions of the Schiff Bases HN:CPh <sub>2</sub> and PhN:CHPh with Titanocene- and Zirconocene-Generating Complexes. <i>Organometallics</i> , <b>1995</b> , 14, 3090-3093	3.8	37
31	Crystal structure of 1,1-biscyclopentadienyl-2,4-bis(trimethylsilyl)-3-(t-butylethynyl)-7-(t-butyl)zirconacyclohepta-2,4,5,6-tetraene, C <sub>32</sub> H <sub>46</sub> Si <sub>2</sub> Zr. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>1995</b> , 210,		11
30	Formation of the first heterobimetallische phosphido-bridged $\sigma$ -acetylid complex [(C <sub>5</sub> H <sub>5</sub> ) <sub>2</sub> Ti( $\eta$ -CCPh)( $\eta$ -PPh <sub>2</sub> )Ni(PPh <sub>3</sub> )] by cleavage of the central C-C single bond in PhCCSiMe <sub>3</sub> and of the P-C bond in Ph <sub>3</sub> P, and coupling of the fragments to PhCCSiMe <sub>3</sub> . <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 1753-1754		19
29	Alkoxy- and Hydroxyalkylphosphane als Liganden in der Stereoselektiven Hydrogenation. Ein Vergleich. <i>Chemische Berichte</i> , <b>1995</b> , 128, 767-773		26
28	The First Titanacyclic Five-Membered Cumulene. Synthesis, Structure, and Reactivity. <i>Chemische Berichte</i> , <b>1995</b> , 128, 967-971		93
27	Zum Ligandeneinfluss neuen Ni(0)-Komplexen disubstituierter Butadiene / On the Influence of Ligands in New Ni(0) Complexes of Disubstituted Butadiynes. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>1995</b> , 50, 368-376	1	12
26	1,1-Dithiooxalato-derivate als Liganden in Übergangsmetallkomplexen: Struktur von O-Methyl-1,1-dithiooxalato-bis(triphenylphosphin)kupfer(I) und -silber(I). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1994</b> , 620, 498-504	1.3	15
25	Synthese neuer N-Aroylisothiazol-2-imine und N-Aroylamino-isothiazoliumsalze durch Cyclisierung von thiocyanato-substituierten Hydrazonen. <i>Journal Für Praktische Chemie, Chemiker-Zeitung</i> , <b>1994</b> , 336, 115-120		4
24	Synthesen auf der Basis von 2-Oxoglutarat. IV. Regioselektive Synthese substituierter 2-(2-Methoxycarbonyl-2H-thiopyran-3-yl)glyoxyloremethylester. <i>Journal Für Praktische Chemie, Chemiker-Zeitung</i> , <b>1994</b> , 336, 163-165		6
23	Diastereomerentrennung von speziell substituierten Bis-(1-chlor-3-phenoxy-prop-2-yl)-sulfonen. <i>Journal Für Praktische Chemie, Chemiker-Zeitung</i> , <b>1994</b> , 336, 369-372		2
22	Bis(benzo[4,5]thieno)[3,2-c:2',3'-e][1,2]dithiin, ein Valenzisomer von Dithiothioindigo. <i>Chemische Berichte</i> , <b>1994</b> , 127, 401-408		39
21	Concerning the Questionable Existence of Thioxindigoid Compounds. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 739-741		38
20	Synthesis and Structure of the Smallest Cyclic Cumulene; Reaction of 1,3-Diynes with Zirconocene Complexes. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 1605-1607		114
19	Unexpected Reactions of Acetylenedicarboxylates with Zirconocene Complexes. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 1850-1852		9
18	Synthese und Struktur des kleinsten bekannten cyclischen Cumulens; Umsetzung von 1,3-Diinen mit Zirconocenkomplexen. <i>Angewandte Chemie</i> , <b>1994</b> , 106, 1678-1680	3.6	60

17	Ungewöhnliche Reaktionen von Acetylendicarbonsubstituierten an Zirconocenkomplexen. <i>Angewandte Chemie</i> , <b>1994</b> , 106, 1946-1948	3.6	7
16	Synthesis of Molybdenum and Tungsten Complexes That Contain Triamidoamine Ligands of the Type (C <sub>6</sub> F <sub>5</sub> NCH <sub>2</sub> CH <sub>2</sub> ) <sub>3</sub> N and Activation of Dinitrogen by Molybdenum. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 4382-4390	16.4	118
15	Synthesis of Molybdenum Complexes That Contain Silylated Triamidoamine Ligands. A $\mu$ -Dinitrogen Complex, Methyl and Acetylide Complexes, and Coupling of Acetylides. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 8804-8805	16.4	98
14	Reaction of Disubstituted 1,3-Butadiynes R <sub>1</sub> C≡C-C≡CR <sub>2</sub> with Zirconocene Complexes: Cleavage of the Central C-C Single Bond to Form Symmetrically and Unsymmetrically Doubly Acetylide-Bridged Metallocene Complexes. <i>Organometallics</i> , <b>1994</b> , 13, 2903-2906	3.8	59
13	Zur Synthese und Charakterisierung von Platincyclobutadien-Komplexen durch Reduktion von Hexachloroplatin(IV). <i>Chemische Berichte</i> , <b>1993</b> , 126, 2393-2396		23
12	Synthese, Struktur und Reaktionen von $\beta$ -Campholenepoxiden. <i>Liebigs Annalen Der Chemie</i> , <b>1993</b> , 1993, 987-991		6
11	Metallacyclische acyl-carboxylate des nickels: Reaktivität der acylgruppe und synthesepotential bei kreuzkopplungsreaktionen mit alkylhalogeniden. <i>Journal of Organometallic Chemistry</i> , <b>1993</b> , 447, 131-136 <sup>2,3</sup>		29
10	Komplekxkatalyse: XLII. Die Kristallstruktur des $\beta$ , $\beta$ , $\beta$ -Dodeca-2(E)-6(E),10(Z)-trien-1-yl-nickel(II)hexafluorophosphats - ein Beitrag zur Klärung der Katalysatorstruktur für die 1,4-cis-Polymerisation des Butadiens. <i>Journal of Organometallic Chemistry</i> , <b>1993</b> , 456, 131-136	2.3	23
9	Synthesis of novel N-aryloxy- and N-arylsulfonylisothiazole-2-imines by cyclization of thiocyanatovinylaldehyde hydrazones. <i>Tetrahedron Letters</i> , <b>1993</b> , 34, 1909-1912	2	9
8	Aktivierung von CO <sub>2</sub> an Übergangsmetallzentren: Zum Ablauf der CO <sub>2</sub> -Reduktion an Nickel(0)-Fragmenten. <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , <b>1993</b> , 619, 1105-1110	1.3	19
7	Komplekxkatalyse. <i>Journal of Organometallic Chemistry</i> , <b>1993</b> , 455, 241-246	2.3	18
6	Crystal structure of 5,6,7,8-tetrahydro-4H-cyclohepta[c]isothiazolio-(4-methyl)-benzamidate, C <sub>16</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub> . <i>Zeitschrift Für Kristallographie</i> , <b>1992</b> , 199, 281-283		2
5	Crystal structure of 3-methyl-l-(2-pyridyl)-2-pyrazolin-5-one, C <sub>9</sub> H <sub>9</sub> N <sub>3</sub> O. <i>Zeitschrift Für Kristallographie</i> , <b>1992</b> , 198, 313-314		4
4	Crystal structure of 1,3-diisopropyl-2,4-diisopropylamino-2,4-dithio-1,3,2,5,4,5-diazadiphosphetidine, C <sub>12</sub> H <sub>28</sub> N <sub>4</sub> P <sub>2</sub> S <sub>2</sub> . <i>Zeitschrift Für Kristallographie</i> , <b>1992</b> , 202, 157-158		1
3	Crystal structure of 2,4-bis(p-methoxyphenyl)-2,4-dithio-1,3,2,5,4,5-dithiadiphosphetane, C <sub>14</sub> H <sub>14</sub> P <sub>2</sub> S <sub>4</sub> . <i>Zeitschrift Für Kristallographie</i> , <b>1992</b> , 202, 159-160		7
2	Aktivierung von CO <sub>2</sub> an Übergangsmetallzentren: Zum ablauf der homogen-katalytischen Bildung von 2-Pyron aus Kohlendioxid und Hex-3-in an Nickel(0)-Fragmenten. <i>Journal of Organometallic Chemistry</i> , <b>1992</b> , 436, 109-119	2.3	53
1	CO <sub>2</sub> -Aktivierung an Übergangsmetallzentren: Simulation enzymatischer CO <sub>2</sub> -Fixierungs- und Transferreaktionen durch elektronenreiche (Diazadien)magnesium- und -mangan-Komplexe. <i>Chemische Berichte</i> , <b>1992</b> , 125, 1529-1536		16