

Rhett Kempe

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376
papers

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h-index

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439
ext. papers

16,915
ext. citations

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avg, IF

7.32
L-index

#	Paper	IF	Citations
376	A sustainable catalytic pyrrole synthesis. <i>Nature Chemistry</i> , 2013 , 5, 140-4	17.6	357
375	3d-Metal Catalyzed N- and C-Alkylation Reactions via Borrowing Hydrogen or Hydrogen Autotransfer. <i>Chemical Reviews</i> , 2019 , 119, 2524-2549	68.1	355
374	Manganese Complexes for (De)Hydrogenation Catalysis: A Comparison to Cobalt and Iron Catalysts. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 46-60	16.4	337
373	High catalytic activity of platinum nanoparticles immobilized on spherical polyelectrolyte brushes. <i>Langmuir</i> , 2005 , 21, 12229-34	4	318
372	Pt@MOF-177: synthesis, room-temperature hydrogen storage and oxidation catalysis. <i>Chemistry - A European Journal</i> , 2008 , 14, 8204-12	4.8	252
371	Cobalt-Catalyzed Alkylation of Aromatic Amines by Alcohols. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15046-50	16.4	240
370	Highlights in the Renaissance of Amidometal Chemistry. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 468-493	16.4	235
369	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> , 2016 , 55, 11806-9	16.4	221
368	How to polymerize ethylene in a highly controlled fashion?. <i>Chemistry - A European Journal</i> , 2007 , 13, 2764-73	4.8	220
367	Manganese-Catalyzed Multicomponent Synthesis of Pyrimidines from Alcohols and Amidines. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1663-1666	16.4	191
366	Selective iridium-catalyzed alkylation of (hetero)aromatic amines and diamines with alcohols under mild reaction conditions. <i>Chemistry - A European Journal</i> , 2009 , 15, 3790-9	4.8	184
365	Stable Bimetallic Gold/Platinum Nanoparticles Immobilized on Spherical Polyelectrolyte Brushes: Synthesis, Characterization, and Application for the Oxidation of Alcohols. <i>Advanced Materials</i> , 2008 , 20, 1928-1933	24	178
364	An Efficient Method for the Selective Iridium-Catalyzed Monoalkylation of (Hetero)aromatic Amines with Primary Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 749-758	5.6	176
363	Catalytic Hydrogenolysis of Aryl Ethers: A Key Step in Lignin Valorization to Valuable Chemicals. <i>ACS Catalysis</i> , 2015 , 5, 1675-1684	13.1	173
362	Thermosensitive core-shell microgel as a nanoreactor for catalytic active metal nanoparticles. <i>Journal of Materials Chemistry</i> , 2009 , 19, 3955		168
361	A Highly Active and Easily Accessible Cobalt Catalyst for Selective Hydrogenation of C=O Bonds. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7998-8001	16.4	166
360	Ni/Pd@MIL-101: synergistic catalysis with cavity-conform Ni/Pd nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 11473-7	16.4	166

359	General and Mild Cobalt-Catalyzed C-Alkylation of Unactivated Amides and Esters with Alcohols. <i>Journal of the American Chemical Society</i> , 2016 , 138, 10786-9	16.4	165
358	A Sustainable Multicomponent Pyrimidine Synthesis. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12804-7	16.4	155
357	Manganese-Catalyzed Sustainable Synthesis of Pyrroles from Alcohols and Amino Alcohols. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7261-7265	16.4	152
356	Regioselectively functionalized pyridines from sustainable resources. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6326-9	16.4	150
355	Metal-metal distances at the limit: a coordination compound with an ultrashort chromium-chromium bond. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7246-9	16.4	150
354	Ultrashort metal-metal distances and extreme bond orders. <i>Nature Chemistry</i> , 2009 , 1, 529-36	17.6	148
353	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> , 2016 , 55, 15175-15179	16.4	139
352	New iridium catalysts for the efficient alkylation of anilines by alcohols under mild conditions. <i>Chemistry - A European Journal</i> , 2010 , 16, 13193-8	4.8	137
351	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> , 2006 , 12, 8969-78	4.8	136
350	Bis(pyrimidine)-based palladium catalysts: synthesis, X-ray structure and applications in Heck/Suzuki/Sonogashira/Agihara couplings and amination reactions. <i>Journal of Organometallic Chemistry</i> , 2001 , 634, 39-46	2.3	134
349	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> , 2014 , 20, 13279-85	4.8	132
348	Catalytic alkylation of methyl-N-heteroaromatics with alcohols. <i>Journal of the American Chemical Society</i> , 2010 , 132, 924-5	16.4	129
347	The synthesis of benzimidazoles and quinoxalines from aromatic diamines and alcohols by iridium-catalyzed acceptorless dehydrogenative alkylation. <i>Chemistry - A European Journal</i> , 2014 , 20, 5569-72	4.8	125
346	Carboalumination of a chromium-chromium quintuple bond. <i>Nature Chemistry</i> , 2009 , 1, 322-5	17.6	119
345	Synthesis of Molybdenum and Tungsten Complexes That Contain Triamidoamine Ligands of the Type (C ₆ F ₅ NCH ₂ CH ₂) ₃ N and Activation of Dinitrogen by Molybdenum. <i>Journal of the American Chemical Society</i> , 1994 , 116, 4382-4390	16.4	118
344	Polymer derived non-oxide ceramics modified with late transition metals. <i>Chemical Society Reviews</i> , 2012 , 41, 5102-16	58.5	115
343	Synthesis and Structure of the Smallest Cyclic Cumulene; Reaction of 1,3-Diynes with Zirconocene Complexes. <i>Angewandte Chemie International Edition in English</i> , 1994 , 33, 1605-1607		114
342	Synthesis of Selectively Mono-N-Arylated Aliphatic Diamines via Iridium-Catalyzed Amine Alkylation. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 2903-2911	5.6	112

341	Manganese-Catalyzed and Base-Switchable Synthesis of Amines or Imines via Borrowing Hydrogen or Dehydrogenative Condensation. <i>ACS Catalysis</i> , 2018 , 8, 8525-8530	13.1	109
340	Selective palladium-loaded MIL-101 catalysts. <i>Chemistry - A European Journal</i> , 2011 , 17, 8071-7	4.8	109
339	The Strained π -NAmido π Pyridine Coordination of Aminopyridinato Ligands. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 791-803	2.3	109
338	Single-catalyst high-weight% hydrogen storage in an N-heterocycle synthesized from lignin hydrogenolysis products and ammonia. <i>Nature Communications</i> , 2016 , 7, 13201	17.4	105
337	An efficient bimetallic rhodium catalyst for the direct arylation of unactivated arenes. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3135-8	16.4	103
336	Manganese-Catalyzed Dehydrogenative Alkylation or Olefination of Alkyl-Substituted N-Heteroarenes with Alcohols. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9131-9135	16.4	99
335	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> , 2011 , 50, 7283-6	16.4	99
334	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> , 2009 , 635, 1149-1152	1.3	98
333	Synthesis of Molybdenum Complexes That Contain Silylated Triamidoamine Ligands. A μ -Dinitrogen Complex, Methyl and Acetylides Complexes, and Coupling of Acetylides. <i>Journal of the American Chemical Society</i> , 1994 , 116, 8804-8805	16.4	98
332	The Iridium-Catalyzed Synthesis of Symmetrically and Unsymmetrically Alkylated Diamines under Mild Reaction Conditions. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 847-862	5.6	97
331	Mangankomplexe in der (De)Hydrier-Katalyse – ein Vergleich mit Cobalt- und Eisenkatalysatoren. <i>Angewandte Chemie</i> , 2018 , 130, 48-63	3.6	94
330	General synthesis of primary amines via reductive amination employing a reusable nickel catalyst. <i>Nature Catalysis</i> , 2019 , 2, 71-77	36.5	94
329	The First Titanacyclic Five-Membered Cumulene. Synthesis, Structure, and Reactivity. <i>Chemische Berichte</i> , 1995 , 128, 967-971		93
328	Molecules containing rare-earth atoms solely bonded by transition metals. <i>Nature Chemistry</i> , 2010 , 2, 741-4	17.6	90
327	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> , 2001 , 622, 6-18	2.3	90
326	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> , 1996 , 35, 6742-6745	5.1	88
325	Bismetallocenes: lanthanoid-transition-metal bonds through alkane elimination. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 6469-72	16.4	85
324	Towards f and d electron interactions in amido metal complexes. <i>Journal of Organometallic Chemistry</i> , 2002 , 647, 12-20	2.3	82

323	Cobalt-Catalyzed Alkylation of Secondary Alcohols with Primary Alcohols via Borrowing Hydrogen/Hydrogen Autotransfer. <i>Chemistry - A European Journal</i> , 2017 , 23, 12110-12113	4.8	81
322	Selective Assembly of Trinuclear Rare-Earth Alkyl Hydrido Clusters Supported by Amidopyridinate Ligands. <i>Organometallics</i> , 2008 , 27, 2905-2907	3.8	81
321	Reactions of 1,4- and 2,3-Diazadienes with Titanocene and Zirconocene Complexes of Bis(trimethylsilyl)acetylene: Acetylene Coupling or Substitution Including Subsequent C≡C Activation, C≡C Coupling, and N≡N Cleavage to Heterobimetallic Complexes. <i>Organometallics</i> , 1998 , 17, 4429-4437	3.8	81
320	Transition-Metal-Catalyzed Reductive Amination Employing Hydrogen. <i>Chemical Reviews</i> , 2020 , 120, 9583-9674	68.1	81
319	Hochaktive und selektive Mangankatalysatoren zur Hydrierung von C=O-Bindungen – Die Bedeutung des mehrzähligen Liganden, der Coliganden und der Oxidationsstufe. <i>Angewandte Chemie</i> , 2016 , 128, 11984-11988	3.6	76
318	f-Element-metal bonding and the use of the bond polarity to build molecular intermetalloids. <i>Chemistry - A European Journal</i> , 2012 , 18, 13566-79	4.8	75
317	Suzuki- and Heck-Type Cross-Coupling with Palladium Nanoparticles Immobilized on Spherical Polyelectrolyte Brushes. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 493-500	5.6	74
316	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> , 2014 , 4, 4188-4192	5.5	73
315	Robust Heterogeneous Nickel Catalysts with Tailored Porosity for the Selective Hydrogenolysis of Aryl Ethers. <i>ChemCatChem</i> , 2014 , 6, 91-95	5.2	72
314	Intramolekulare Cyclisierung von terminal disubstituierten η^5 -Diinen an Titanocen Cp_2Ti mit einer nachfolgenden, ungewöhnlichen Cp-ringöffnung und neuen intramolekularen C-C-Knüpfung. <i>Journal of Organometallic Chemistry</i> , 1996 , 520, 187-193	2.3	71
313	Mononuclear Titanium Complexes That Contain Aminopyridinato Ligands. <i>Inorganic Chemistry</i> , 1996 , 35, 2644-2649	5.1	66
312	Cobalt-katalysierte Alkylierung von aromatischen Aminen durch Alkohole. <i>Angewandte Chemie</i> , 2015 , 127, 15260-15264	3.6	64
311	Highlights der Renaissance der Amidometallchemie. <i>Angewandte Chemie</i> , 2000 , 112, 478-504	3.6	64
310	Synthesis of meta-Functionalized Pyridines by Selective Dehydrogenative Heterocondensation of β -keto and β -amino Alcohols. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 371-374	16.4	63
309	Spherical polyelectrolyte brushes as carriers for platinum nanoparticles in heterogeneous hydrogenation reactions. <i>Journal of Catalysis</i> , 2007 , 246, 10-14	7.3	62
308	Lithium and Potassium Amides of Sterically Demanding Aminopyridines. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 3297-3304	2.3	62
307	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> , 1996 , 35, 1112-1115		62
306	The ligand-based quintuple bond-shortening concept and some of its limitations. <i>Chemistry - A European Journal</i> , 2013 , 19, 9825-32	4.8	60

305	Heterobimetallic σ , π -Acetylide-Bridged Complexes from Disubstituted 1,3-Butadiynes. <i>Organometallics</i> , 1995 , 14, 2961-2968	3.8	60
304	Synthese und Struktur des kleinsten bekannten cyclischen Cumulens; Umsetzung von 1,3-Dienen mit Zirconocenkomplexen. <i>Angewandte Chemie</i> , 1994 , 106, 1678-1680	3.6	60
303	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> , 2015 , 58, 6283-92	8.3	59
302	Copper-containing SiCN precursor ceramics (Cu@SiCN) as selective hydrocarbon oxidation catalysts using air as an oxidant. <i>Chemistry - A European Journal</i> , 2010 , 16, 4231-8	4.8	59
301	Synthesis of Optically Active α -Amino-phosphinic Acids by Catalytic Asymmetric Hydrogenation in Organic Solvents and Aqueous Micellar Media. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 2851-2853	16.4	59
300	Metall-Metall-Abstände am Limit: ein Komplex mit ultrakurzer Cr-Cr-Bindung. <i>Angewandte Chemie</i> , 2008 , 120, 7356-7359	3.6	59
299	Reaction of Disubstituted 1,3-Butadiynes $R_1C \equiv C \equiv CR_2$ with Zirconocene Complexes: Cleavage of the Central C-C Single Bond to form Symmetrically and Unsymmetrically Doubly Acetylide-Bridged Metallocene Complexes. <i>Organometallics</i> , 1994 , 13, 2903-2906	3.8	59
298	Intramolecular (sp^3 -hybridized) C-H Activation: Yttrium Alkyls versus Transient Yttrium Hydrides. <i>Organometallics</i> , 2007 , 26, 5770-5773	3.8	58
297	Mangan-katalysierte Mehrkomponentensynthese von Pyrimidinen aus Alkoholen und Amidinen. <i>Angewandte Chemie</i> , 2017 , 129, 1685-1688	3.6	57
296	Enhanced capacitance of nitrogen-doped hierarchically porous carbide-derived carbon in matched ionic liquids. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 18906-18912	13	57
295	Di- and Trivalent Lanthanide Complexes Stabilized by Sterically Demanding Aminopyridinato Ligands. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 1319-1324	2.3	57
294	Regioselektive reaktionen der fremdligandfreien titanocen-alkin-komplexe $Cp_2Ti(RC_2SiMe_3)$ ($R = Me_3Si, Ph, tBu, nBu$). <i>Journal of Organometallic Chemistry</i> , 1995 , 501, 179-188	2.3	57
293	Novel trans- η^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> , 1995 , 117, 10399-10400	16.4	57
292	Mononuclear Tris(aminopyridinato)zirconium Alkyl, Aryl, and Alkynyl Complexes. <i>Organometallics</i> , 1996 , 15, 1071-1074	3.8	56
291	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> , 2001 , 2001, 2421-2426	2.3	55
290	Mechanistic Studies of Hydride Transfer to Imines from a Highly Active and Chemoselective Manganate Catalyst. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11677-11685	16.4	54
289	Die Bildung von cyclo-E ₄ Einheiten (E ₄ =P ₄ , As ₄ , AsP ₃) durch einen Komplex mit Chrom-Chrom-Füßfachbindung. <i>Angewandte Chemie</i> , 2011 , 123, 7421-7424	3.6	53
288	Combinatorial libraries with P-functionalized aminopyridines: ligands for the preparation of efficient C(aryl)-Cl activation catalysts. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1521-3	16.4	53

287	Aktivierung von CO ₂ an Bergangsmetallzentren: 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> , 1992 , 436, 109-119	2.3	53
286	Regioselektiv funktionalisierte Pyridine aus nachhaltigen Ressourcen. <i>Angewandte Chemie</i> , 2013 , 125, 6450-6454	3.6	52
285	Metal–Metal "Communication" of Rh or Pd with Nd in Novel Heterobinuclear Complexes. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 2079-2082	16.4	52
284	Mixed Chloro(dialkylamido) Complexes of Zirconium and Hafnium. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1995 , 621, 2021-2024	1.3	52
283	Cycloaddition reactions of a chromium-chromium quintuple bond. <i>Chemistry - A European Journal</i> , 2011 , 17, 6900-3	4.8	51
282	Manganese-Catalyzed Methylation of Alcohols by Methanol. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1485-1490	16.4	49
281	SiH Activation in Titanocene and Zirconocene Complexes of Alkynylsilanes RC≡CSiMe ₂ H (R=tBu, Ph, SiMe ₃ , SiMe ₂ H): A Model To Understand Catalytic Reactions of Hydrosilanes. <i>Chemistry - A European Journal</i> , 1998 , 4, 1852-1861	4.8	48
280	Yttrate-Mediated Ligand Transfer and Direct Synthesis as a Route to Amidopalladium Complexes. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 832-835	16.4	47
279	Highly active/selective and adjustable zirconium polymerization catalysts stabilized by aminopyridinato ligands. <i>Journal of Organometallic Chemistry</i> , 2007 , 692, 4569-4579	2.3	47
278	Sonochemical Activation of Al/Ni Hydrogenation Catalyst. <i>Advanced Functional Materials</i> , 2012 , 22, 3128-3135	3.6	46
277	Stablerac-[1,2-Ethylene-1,1-bis(1,5-tetrahydroindenyl)]-zirconacyclopentanes. Syntheses, X-ray Crystal Structures, Stability, and Catalysis of Ethylene Polymerization. <i>Organometallics</i> , 1997 , 16, 2886-2890	2.8	46
276	Zirconocene and rac-[1,2-Ethylene-1,1-bis(1,5-tetrahydroindenyl)]zirconium Complexes of 2-Vinylpyridine: Syntheses, X-ray Crystal Structures, and Reactions with H ₂ CCH ₂ , H ₂ O, HBF ₄ , and CO ₂ . <i>Organometallics</i> , 1998 , 17, 2096-2102	3.8	46
275	Robust Microporous Monoliths with Integrated Catalytically Active Metal Sites Investigated by Hyperpolarized ¹²⁹ Xe NMR. <i>Chemistry of Materials</i> , 2012 , 24, 3952-3963	9.6	45
274	2-Aminopyridinate Titanium Complexes for the Catalytic Hydroamination of Primary Aminoalkenes. <i>Organometallics</i> , 2013 , 32, 1858-1865	3.8	44
273	Synthesis and Structure of Aminopyridinato-Stabilized Yttrium and Lanthanum Amides and Their Reactivity towards Alkylaluminium Compounds. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 412-418	2.3	43
272	Katalysatordeaktivierungen bei der Acetylen-Polymerisation mit Titanocen- bzw. Zirconocen-Komplexen des Bis(trimethylsilyl)acetylen. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1998 , 624, 919-924	1.3	43
271	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> , 2017 , 23, 3184-3190	4.8	42
270	How Common Are True Aminopyridinato Complexes?. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007 , 633, 320-325	1.3	42

- 269 Di- and trivalent rare earth complexes stabilized by sterically demanding aminopyridinato ligands as initiators in ring-opening polymerization reactions of ϵ -caprolactone. *Journal of Polymer Science Part A*, **2007**, 45, 3611-3619 2.5 42
- 268 Intramolekulare Insertion eines η^5 -cyclopentadienyl-ringes in einem bis- η^5 -cyclopentadienyltitanacyclopentadien. *Journal of Organometallic Chemistry*, **1995**, 503, 221-223 2.3 42
- 267 rac-[1,2-Ethylene-1,1-bis(η^5 -tetrahydroindenyl)](2-bis(trimethylsilyl)acetylene)zirconium, the First Zirconocene-Alkyne Complex without Additional Ligands: Synthesis, Reactions, and X-ray Crystal Structure. *Organometallics*, **1996**, 15, 3486-3490 3.8 42
- 266 Twofold C-C Single Bond Activation and Cleavage in the Reaction of Octatetraynes with Titanocene and Zirconocene Complexes. *Angewandte Chemie International Edition in English*, **1997**, 36, 2615-2617 4.1
- 265 A Novel One-Dimensional Coordination Polymer Involving Weak Hg-Hg Interactions. *Helvetica Chimica Acta*, **2005**, 88, 2267-2271 2 4.1
- 264 The generation of palladium silicide nanoalloy particles in a SiCN matrix and their catalytic applications. *Journal of Materials Chemistry*, **2011**, 21, 18825 4.0
- 263 Coordination Polymers of Bipyridyldicarboxylates η^5 Cobalt Containing 12,3-net with Potential Reactive Sites. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2001**, 627, 1711-1713 1.3 4.0
- 262 Quintuple bond reactivity toward group 16 and 17 elements: addition vs insertion. *Inorganic Chemistry*, **2013**, 52, 329-36 5.1 3.9
- 261 Scandium Aminopyridinates: Synthesis, Structure and Isoprene Polymerization. *European Journal of Inorganic Chemistry*, **2009**, 2009, 4255-4264 2.3 3.9
- 260 Bis(benzo[4,5]thieno)[3,2-c:2',3'-e][1,2]dithiin, ein Valenzisomer von Dithioxo-thioindigo *Chemische Berichte*, **1994**, 127, 401-408 3.9
- 259 Highly enantioselective amido iridium catalysts for the hydrogenation of simple ketones. *Angewandte Chemie - International Edition*, **2011**, 50, 2183-6 16.4 3.8
- 258 Selective protonation of the Y-C bond in trinuclear yttrium alkyl-hydrido clusters and formation of the cationic polyhydrido core. *Chemistry - A European Journal*, **2011**, 17, 3824-6 4.8 3.8
- 257 Sterically Demanding Iminopyridine Ligands. *European Journal of Inorganic Chemistry*, **2007**, 2007, 4221-4228 4.3 3.8
- 256 Concerning the Questionable Existence of Thioxoindigoid Compounds. *Angewandte Chemie International Edition in English*, **1994**, 33, 739-741 3.8
- 255 A Reusable Mesoporous Nickel Nanocomposite Catalyst for the Selective Hydrogenation of Nitroarenes in the Presence of Sensitive Functional Groups. *ChemCatChem*, **2016**, 8, 2461-2465 5.2 3.7
- 254 Reactions of the Schiff Bases HN:CPh₂ and PhN:CHPh with Titanocene- and Zirconocene-Generating Complexes. *Organometallics*, **1995**, 14, 3090-3093 3.8 3.7
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- 252 Rare earth-metal bonding in molecular compounds: recent advances, challenges, and perspectives. *New Journal of Chemistry*, **2015**, 39, 7544-7558 3.6 3.6

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- 248 Micro-/Mesoporous Platinum-SiCN Nanocomposite Catalysts (Pt@SiCN): From Design to Catalytic Applications. *Chemistry - A European Journal*, **2016**, 22, 15508-15512 4.8 36
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8	Crystal structure of tetra- β -bromo-tetrakis(trimethylsilyl-(4-methylpyridine-2-yl)amine)tetracopper(I), [CuBr(C ₉ H ₁₆ N ₂ Si)] ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2008 , 223, 311-312	0.2	
7	Crystal structure of 1,5-cyclooctadiene-bis[(4-methyl-pyridin-2-yl)-trimethylsilanyl-amido]ruthenium(II), RU(C ₈ H ₁₂)(C ₉ H ₁₅ N ₂ Si) ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006 , 221, 93-94	0.2	
6	Crystal structure of (2,6-diisopropyl-phenyl)[N-tris(pentafluorophenyl)-boronyl-pyridin-2-yl]amine, (C ₆ F ₅) ₃ B(C ₅ H ₄ N)(C ₁₂ H ₁₈ N). <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006 , 221, 283-284	0.2	
5	Crystal structure of bis(1,3-bis[(4-methyl-pyridin-2-yl)amido]-1,1,3,3-tetramethyldisiloxane)dichromium dichloride, [(C ₁₆ H ₂₄ N ₄ O ₂ Si) ₂ CrCl] ₂ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006 , 221, 413-414	0.2	
4	Crystal structure of dicyclohexyl-2,2'-dipyridylamidophosphane, C ₂₂ H ₃₀ N ₃ P. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006 , 221, 411-412	0.2	
3	Combining Metal Nanoparticles with an Ir(III) Photosensitizer. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 25765-25773	3.8	
2	Crystal structure of tetrakis[(4-methyl-pyridin-2-yl)-trimethylsilanyl-amido] zirconium(IV), Zr(C ₉ H ₁₅ N ₂ Si) ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006 , 221, 415-418	0.2	
1	Crystal structure of 3,4,7,8-bis(1,2-dicarba-closo-dodecaborano[1,2])-1,2,5,6-tetraselenacyclooctane benzene solvate, [(C ₂ B ₁₀ H ₁₀)Se ₂] ₂ \cdot C ₆ D ₆ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006 , 221, 419-420	0.2	