

Peter Roesky

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293
papers

9,395
citations

52
h-index

80
g-index

322
ext. papers

10,289
ext. citations

6.2
avg, IF

6.43
L-index

#	Paper	IF	Citations
293	Enantioselective catalytic hydroamination of alkenes. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 2708-10	16.4	321
292	Pentanuclear dysprosium hydroxy cluster showing single-molecule-magnet behavior. <i>Inorganic Chemistry</i> , 2008 , 47, 6581-3	5.1	259
291	Aminotroponate and Aminotroponimate Calcium Amides as Catalysts for the Hydroamination/Cyclization Catalysis. <i>Organometallics</i> , 2007 , 26, 4392-4394	3.8	178
290	Homoleptic lanthanide amides as homogeneous catalysts for alkyne hydroamination and the Tishchenko reaction. <i>Chemistry - A European Journal</i> , 2001 , 7, 3078-85	4.8	166
289	Aminotroponimate Complexes of the Heavy Alkaline Earth and the Divalent Lanthanide Metals as Catalysts for the Hydroamination/Cyclization Reaction. <i>Organometallics</i> , 2008 , 27, 1207-1213	3.8	165
288	Catalytic hydroaminoalkylation. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4892-4	16.4	152
287	Intramolecular hydroamination of functionalized alkenes and alkynes with a homogenous zinc catalyst. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7794-8	16.4	148
286	Nucleophilic cyclocarbenes as ligands in metal halides and metal oxides. <i>Journal of Organometallic Chemistry</i> , 1994 , 480, c7-c9	2.3	148
285	Nitrophenolate as a building block for lanthanide chains, layers, and clusters. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5213-8	16.4	139
284	Bis(phosphinimino)methanide rare earth amides: synthesis, structure, and catalysis of hydroamination/cyclization, hydrosilylation, and sequential hydroamination/hydrosilylation. <i>Chemistry - A European Journal</i> , 2007 , 13, 3606-16	4.8	137
283	(Aminotroponimino)yttrium Amides as Catalysts in Alkyne Hydroamination. <i>Organometallics</i> , 1998 , 17, 1452-1454	3.8	135
282	Homoleptic Lanthanide Amides as Homogeneous Catalysts for the Tishchenko Reaction. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 1569-1571	16.4	113
281	Simple syntheses, structural diversity, and Tishchenko reaction catalysis of neutral homoleptic rare earth(II or III) 3,5-di-tert-butylpyrazolates--the structures of. <i>Chemistry - A European Journal</i> , 2001 , 7, 127-38	4.8	113
280	Trigonal-Bipyramidal Lewis Base Adducts of Methyltrioxorhenium(VII) and Their Bisperoxo Congeners: Characterization, Application in Catalytic Epoxidation, and Density Functional Mechanistic Study. <i>Chemistry - A European Journal</i> , 1999 , 5, 3603-3615	4.8	110
279	From a Dy(III) single molecule magnet (SMM) to a ferromagnetic [Mn(II)Dy(III)Mn(II)] trinuclear complex. <i>Inorganic Chemistry</i> , 2012 , 51, 9589-97	5.1	105
278	Rare-earth metal alkyl, amido, and cyclopentadienyl complexes supported by imidazolin-2-iminato ligands: synthesis, structural characterization, and catalytic application. <i>Inorganic Chemistry</i> , 2010 , 49, 2435-46	5.1	104
277	Single-Chain Nanoparticles as Catalytic Nanoreactors. <i>Journal of the American Chemical Society</i> , 2018 , 140, 5875-5881	16.4	102

276	The co-ordination chemistry of aminotroponimines. <i>Chemical Society Reviews</i> , 2000 , 29, 335-345	58.5	94
275	An Improved Synthesis of Sodium and Potassium Cyclopentadienide. <i>Organometallics</i> , 2003 , 22, 877-878	3.8	93
274	Nitrophenolate as a Building Block for Lanthanide Chains and Clusters. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 549-551	16.4	92
273	2,5-Bis{N-(2,6-diisopropylphenyl)iminomethyl}pyrrolyl Complexes of the Heavy Alkaline Earth Metals: Synthesis, Structures, and Hydroamination Catalysis. <i>Organometallics</i> , 2011 , 30, 1404-1413	3.8	91
272	Synthesis, reactivity and applications of zinc-zinc bonded complexes. <i>Chemical Society Reviews</i> , 2012 , 41, 3759-71	58.5	90
271	Luminescent cell-penetrating pentadecanuclear lanthanide clusters. <i>Journal of the American Chemical Society</i> , 2013 , 135, 7454-7	16.4	90
270	Intramolecular hydroamination with homogeneous zinc catalysts: evaluation of substituent effects in N,N-disubstituted aminotroponiminate zinc complexes. <i>Chemistry - A European Journal</i> , 2007 , 13, 6654-66	4.8	90
269	Main-group and transition-metal complexes of bis(phosphinimino)methanides. <i>Chemical Society Reviews</i> , 2009 , 38, 2782-804	58.5	89
268	Cyclooctatetraene Complexes of Yttrium and the Lanthanides with Bis(phosphinimino)methanides: Synthesis, Structure, and Hydroamination/Cyclization Catalysis. <i>Organometallics</i> , 2005 , 24, 2197-2202	3.8	89
267	Bis(phosphinimino)methanides as ligands in divalent lanthanide and alkaline earth chemistry: synthesis, structure, and catalysis. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 5078-5089	2.3	88
266	[Ln(BH ₄) ₂ (THF) ₂] (Ln = Eu, Yb)--a highly luminescent material. Synthesis, properties, reactivity, and NMR studies. <i>Journal of the American Chemical Society</i> , 2012 , 134, 16983-6	16.4	86
265	[{(eta ⁵ -C ₅ Me ₅)(2)Sm}(4)P(8)]: a molecular polyphosphide of the rare-earth elements. <i>Journal of the American Chemical Society</i> , 2009 , 131, 5740-1	16.4	86
264	Al-Eu and Al-Yb donor-acceptor bonds. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4447-51	16.4	86
263	A bis(phosphinimino)methanide lanthanum amide as catalyst for the hydroamination/cyclisation, hydrosilylation and sequential hydroamination/hydrosilylation catalysis. <i>Chemical Communications</i> , 2006 , 874-6	5.8	86
262	Multiple Bonds between Main-Group Elements and Transition Metals. 135. Oxorhenium(V) Catalysts for the Olefination of Aldehydes. <i>Organometallics</i> , 1994 , 13, 4531-4535	3.8	85
261	Pd-complex driven formation of single-chain nanoparticles. <i>Polymer Chemistry</i> , 2015 , 6, 4358-4365	4.9	84
260	Rare Earth and Alkaline Earth Metal Complexes with Me ₂ Si-Bridged Cyclopentadienyl-Imidazolin-2-Imine Ligands and Their Use as Constrained-Geometry Hydroamination Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 4270-4279	2.3	80
259	A Chiral-Bridged Aminotroponiminate Complex of Lutetium as Catalyst for the Asymmetric Hydroamination. <i>Organometallics</i> , 2006 , 25, 4179-4182	3.8	80

258	Synthesis and Structure of Yttrium and Lanthanide Bis(phosphinimino)methanides. <i>Organometallics</i> , 2001 , 20, 4230-4236	3.8	80
257	Yttrium and lanthanide complexes with various P,N ligands in the coordination sphere: synthesis, structure, and polymerization studies. <i>Chemistry - A European Journal</i> , 2005 , 11, 3165-72	4.8	79
256	In Situ Formation of Bis(phosphinimino)methanide Rare Earth Alkoxide Initiators for the Ring-Opening Polymerization of ϵ -Caprolactone. <i>Organometallics</i> , 2007 , 26, 651-657	3.8	76
255	Synthesis, structure and reactivity of rare-earth metal complexes containing anionic phosphorus ligands. <i>Chemical Society Reviews</i> , 2014 , 43, 42-57	58.5	74
254	Ancillary Ligand Effects on Organo-f-Element Reactivity. ansa-Metallocenes with Bridge-Tethered Donors. <i>Organometallics</i> , 1997 , 16, 4705-4711	3.8	66
253	A samarium cyclooctatetraene complex as catalyst for hydroamination/cyclisation catalysis. <i>Chemical Communications</i> , 2004 , 2584-5	5.8	66
252	Mixed-metal lanthanide-iron triple-decker complexes with a cyclo-P5 building block. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9491-5	16.4	65
251	Aminotroponate Zinc Complexes as Catalysts for the Intramolecular Hydroamination of Alkenes and Alkynes. <i>Organometallics</i> , 2006 , 25, 3730-3734	3.8	65
250	Platinum(II)-Crosslinked Single-Chain Nanoparticles: An Approach towards Recyclable Homogeneous Catalysts. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4950-4954	16.4	64
249	Chiral Rare Earth Borohydride Complexes Supported by Amidinate Ligands: Synthesis, Structure, and Catalytic Activity in the Ring-Opening Polymerization of rac-Lactide. <i>Organometallics</i> , 2013 , 32, 12302-1238	3.8	63
248	Bis(phosphinimino)methanide borohydride complexes of the rare-earth elements as initiators for the ring-opening polymerization of ϵ -caprolactone: combined experimental and computational investigations. <i>Chemistry - A European Journal</i> , 2010 , 16, 4629-38	4.8	62
247	Salen-based coordination polymers of manganese and the rare-earth elements: synthesis and catalytic aerobic epoxidation of olefins. <i>Chemistry - A European Journal</i> , 2013 , 19, 1986-95	4.8	59
246	Enantiomerically Pure Organolanthanides for Asymmetric Catalysis. Synthesis, Structures, and Catalytic Properties of Complexes Having Pseudo-meso-Me ₂ Si(β -C ₅ H ₃ R)(β -C ₅ H ₃ R*) Ancillary Ligation. <i>Organometallics</i> , 1997 , 16, 4486-4492	3.8	57
245	Homoleptic lanthanide complexes of chelating bis(phosphanyl)amides: synthesis, structure, and ring-opening polymerization of lactones. <i>Chemistry - A European Journal</i> , 2002 , 8, 5265-71	4.8	57
244	P-P bond formation via reductive dimerization of [Cp*Fe(β -P5)] by divalent samarocenes. <i>Chemical Communications</i> , 2013 , 49, 2183-5	5.8	55
243	2,6-Bis(5-(2,2-dimethylpropyl)-1H-pyrazol-3-yl)pyridine as a ligand for efficient actinide(III)/lanthanide(III) separation. <i>Inorganic Chemistry</i> , 2012 , 51, 5199-207	5.1	54
242	On the nature of agostic interactions in transition-metal amido complexes. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 2242-6	16.4	54
241	Functionalized Aminotroponimate Zinc Complexes as Catalysts for the Intramolecular Hydroamination of Alkenes. <i>Organometallics</i> , 2010 , 29, 2637-2645	3.8	50

240	Homoleptic lanthanide complexes of chelating phosphoramides-an experimental and theoretical study. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1086-8	16.4	50
239	Di- and trinuclear gold complexes of diphenylphosphinoethyl-functionalised imidazolium salts and their N-heterocyclic carbenes: synthesis and photophysical properties. <i>Chemistry - A European Journal</i> , 2015 , 21, 601-14	4.8	49
238	Aminotroponimate zinc complexes as catalysts for the intramolecular hydroamination. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 406-418	2.3	49
237	Lanthanide Formamidinates as Improved Catalysts for the Tishchenko Reaction. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 693-697	3.2	49
236	Single-chain self-folding of synthetic polymers induced by metal-ligand complexation. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 45-51	4.8	48
235	Synthesis and Structures of Scandium and Lutetium Benzyl Complexes. <i>Organometallics</i> , 2008 , 27, 1501-1505	3.5	48
234	Gallium(I)–lanthanide(II) Donor–Acceptor Bonds. <i>Organometallics</i> , 2007 , 26, 4846-4848	3.8	48
233	Manganese- and Lanthanide-Based 1D Chiral Coordination Polymers as an Enantioselective Catalyst for Sulfoxidation. <i>Inorganic Chemistry</i> , 2016 , 55, 2701-8	5.1	47
232	Chiral lutetium benzamidinate complexes. <i>Chemical Communications</i> , 2011 , 47, 2574-6	5.8	47
231	6-(3,5-Dimethyl-1H-pyrazol-1-yl)-2,2'-bipyridine as ligand for actinide(III)/lanthanide(III) separation. <i>Inorganic Chemistry</i> , 2010 , 49, 9627-35	5.1	46
230	[AgS(SCHCH Bu)(dpph)]: synthesis, crystal structure and NMR investigations of a soluble silver chalcogenide nanocluster. <i>Chemical Science</i> , 2017 , 8, 2235-2240	9.4	45
229	Novel lanthanide-based polymeric chains and corresponding ultrafast dynamics in solution. <i>Inorganic Chemistry</i> , 2011 , 50, 11990-2000	5.1	45
228	Molecular Polyarsenides of the Rare-Earth Elements. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 1557-60	16.4	44
227	Tetranuclear and Pentanuclear Compounds of the Rare-Earth Metals: Synthesis and Magnetism. <i>Inorganic Chemistry</i> , 2015 , 54, 7846-56	5.1	43
226	Oxy Functionalization of Metal-Coordinated Heterocyclic Carbenes. <i>Organometallics</i> , 1995 , 14, 1085-1086	3.8	42
225	Chiral benzamidinate ligands in rare-earth-metal coordination chemistry. <i>Chemistry - A European Journal</i> , 2012 , 18, 14454-63	4.8	40
224	Zinc-zinc bonded decamethyldzincocene Zn ₂ ([5]-C ₅ Me ₅) ₂ as catalyst for the inter- and intramolecular hydroamination reaction. <i>Chemical Communications</i> , 2011 , 47, 8280-2	5.8	40
223	Yttrium and lanthanide diphosphanyl amides: syntheses and structures of complexes with one [(Ph ₂ P) ₂ N]- ligand in the coordination sphere. <i>Chemistry - A European Journal</i> , 2004 , 10, 3537-42	4.8	40

- 222 Synthesis, structures and magnetic properties of $[(\text{fCH})\text{Ln}(\text{fCH})]$ super sandwich complexes. *Nature Communications*, **2019**, 10, 3135 17.4 39
- 221 Aminotroponimate Zinc Complexes with Different Leaving Groups as Catalysts for the Intramolecular Hydroamination of Alkenes. *European Journal of Inorganic Chemistry*, **2009**, 2009, 1369-1375 2.3 39
- 220 Cyclopentadienyl complexes of yttrium and the lanthanides with bis(phosphinimino)methanides. *Journal of Organometallic Chemistry*, **2002**, 647, 123-127 2.3 39
- 219 Sterically induced reductive linkage of iron polynictides with bulky lanthanide complexes by ring-opening of THF. *Chemical Communications*, **2016**, 52, 13217-13220 5.8 38
- 218 Activation of SO_2 and CO_2 by trivalent uranium leading to sulfite/dithionite and carbonate/oxalate complexes. *Chemistry - A European Journal*, **2014**, 20, 13501-6 4.8 38
- 217 Salen-based infinite coordination polymers of nickel and copper. *Inorganic Chemistry*, **2009**, 48, 10483-5 5.1 37
- 216 Aminotroponimines as Ligands for Yttrium and Lanthanide Complexes. *Chemische Berichte*, **1997**, 130, 859-862 37
- 215 Synthesis and Structural Characterization of Tetra- and Pentanuclear Lanthanide Hydroxido Clusters. *European Journal of Inorganic Chemistry*, **2007**, 2007, 4216-4220 2.3 37
- 214 Rare-Earth-metal methylidene complexes. *Angewandte Chemie - International Edition*, **2014**, 53, 376-83 16.4 36
- 213 Unusual reactivity of lanthanide borohydride complexes leading to a borane complex. *Chemical Communications*, **2009**, 4693-5 5.8 36
- 212 Sterically Demanding Chelating Diamide Complexes of Yttrium and Lutetium. *Organometallics*, **2002**, 21, 4756-4761 3.8 36
- 211 Bis(imidazolin-2-iminato) rare earth metal complexes: synthesis, structural characterization, and catalytic application. *Inorganic Chemistry*, **2012**, 51, 6753-61 5.1 35
- 210 Borane and borohydride complexes of the rare-earth elements: synthesis, structures, and butadiene polymerization catalysis. *Chemistry - A European Journal*, **2010**, 16, 5472-80 4.8 35
- 209 Yttrium and lanthanide complexes having a chiral phosphanylamide in the coordination sphere. *Inorganic Chemistry*, **2006**, 45, 910-6 5.1 35
- 208 β -Diketimate Zinc Complexes for the Hydroamination of Alkynes. *European Journal of Inorganic Chemistry*, **2010**, 2010, 1070-1081 2.3 34
- 207 Controlled radical polymerization and in-depth mass-spectrometric characterization of poly(ionic liquid)s and their photopatterning on surfaces. *Polymer Chemistry*, **2016**, 7, 451-461 4.9 33
- 206 Luminescent Polymeric Dispersions and Films Based on Oligonuclear Lanthanide Clusters. *Macromolecular Chemistry and Physics*, **2011**, 212, 286-296 2.6 33
- 205 Rare-Earth Metal Oxo/Hydroxo Clusters: Synthesis, Structures, and Applications. *European Journal of Inorganic Chemistry*, **2016**, 2016, 782-791 2.3 32

204	Catching gaseous SO ₂ in cone-type lanthanide complexes: an unexpected coordination mode for SO ₂ in f-element chemistry. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5006-10	16.4	32
203	Bis(amidinate) ligands in early lanthanide chemistry - synthesis, structures, and hydroamination catalysis. <i>Chemical Communications</i> , 2017 , 53, 1060-1063	5.8	31
202	Reactivity of bulky Ln(II) amidinates towards P, As, and AsS. <i>Chemical Communications</i> , 2018 , 54, 4770-4773	3.8	31
201	Gemischte Lanthanoid-Eisen-Tripeldeckerkomplexe mit einem cyclo-P5-Baustein. <i>Angewandte Chemie</i> , 2011 , 123, 9663-9667	3.6	31
200	Al-Eu- und Al-Yb-Donor-Acceptor-Bindungen. <i>Angewandte Chemie</i> , 2006 , 118, 4558-4561	3.6	31
199	Lanthanide-potassium wheels. <i>Inorganic Chemistry</i> , 2005 , 44, 5963-5	5.1	31
198	Multiple Bonds between Transition Metals and Main-Group Elements. 145. Coordination Chemistry of Dirhenium Heptaoxide: Covalent Adducts and "Ionic Perrhenyl-Perrhenates". <i>Inorganic Chemistry</i> , 1995 , 34, 4701-4707	5.1	31
197	Mononuclear and tetranuclear compounds of yttrium and dysprosium ligated by a salicylic schiff-base derivative: synthesis, photoluminescence, and magnetism. <i>Inorganic Chemistry</i> , 2015 , 54, 773-81	5.1	30
196	Diiminato Rare Earth Borohydride Complexes: Synthesis, Structure, and Catalytic Activity in the Ring-Opening Polymerization of ϵ -Caprolactone and Trimethylene Carbonate. <i>Organometallics</i> , 2014 , 33, 5392-5401	3.8	30
195	[2.2]Paracyclophanedioldiphosphane Complexes of Gold. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 5033-5042	2.3	30
194	Synthesis of Unsupported Ln- σ Bonds by Salt Metathesis and Ga- σ Bond Reduction. <i>Organometallics</i> , 2012 , 31, 4331-4339	3.8	30
193	Rare-Earth Metal Postmetallocene Catalysts with Chelating Amido Ligands. <i>Structure and Bonding</i> , 2010 , 165-228	0.9	30
192	Samarium Polystibides Derived from Highly Activated Nanoscale Antimony. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5912-5916	16.4	29
191	Cycloaddition versus Cleavage of the C=S Bond of Isothiocyanates Promoted by Digallane Compounds with Noninnocent Diimine Ligands. <i>Chemistry - A European Journal</i> , 2018 , 24, 14994-15002	4.8	29
190	Bis(phosphinimino)methanides as Ligands in Divalent Samarium Chemistry: Synthesis, Structures and Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 876-881	2.3	29
189	A Multifunctional Substituted Cyclooctatetraene as a Ligand in Organosamarium Chemistry. <i>Organometallics</i> , 1999 , 18, 3835-3842	3.8	29
188	Intramolecular phosphorus-phosphorus bond formation within a Co ₂ P ₄ core. <i>Inorganic Chemistry</i> , 2013 , 52, 14231-6	5.1	28
187	Aminotroponimate calcium and strontium complexes. <i>Dalton Transactions</i> , 2008 , 2839-43	4.3	28

186	Bridged Aminotroponimate Complexes of Lanthanum. <i>Inorganic Chemistry</i> , 1998 , 37, 4507-4511	5.1	28
185	Catalytic Epoxidation of Enones Mediated by Zinc Alkylperoxide/tert-BuOOH Systems. <i>Organometallics</i> , 2013 , 32, 5263-5265	3.8	27
184	Aminotroponimatozinc(II) complexes: syntheses and spectroscopic analyses. <i>Chemistry - A European Journal</i> , 2011 , 17, 1773-7	4.8	27
183	Syntheses and structures of strontium, barium, and europium bis(diphosphanyl-amido) complexes. <i>Inorganic Chemistry</i> , 2006 , 45, 798-802	5.1	27
182	Ytterbium and samarium bis(diphosphanyl-amides): syntheses and structures of lanthanide complexes having two [(Ph ₂ P) ₂ N]- ligands in the coordination sphere. <i>Inorganic Chemistry</i> , 2004 , 43, 4903-6	5.1	27
181	Chiral Aminotroponimate Zinc Complexes. <i>Organometallics</i> , 2009 , 28, 306-311	3.8	26
180	Bridged Aminotroponimate Complexes of the Lanthanides. <i>Inorganic Chemistry</i> , 1999 , 38, 5629-5632	5.1	26
179	Organometallic calcium and strontium borohydrides as initiators for the polymerization of ϵ -caprolactone and L-lactide: combined experimental and computational investigations. <i>Dalton Transactions</i> , 2013 , 42, 9352-60	4.3	25
178	Polysulfide Coordination Clusters of the Lanthanides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 13249-13252	16.4	25
177	Cationic zinc organyls as precatalysts for hydroamination reactions. <i>Chemistry - A European Journal</i> , 2015 , 21, 2594-602	4.8	25
176	Bis(phosphinimino)methanide borohydride complexes of the rare-earth elements as initiators for the ring-opening polymerization of trimethylene carbonate: combined experimental and computational investigations. <i>Polymer Chemistry</i> , 2012 , 3, 429-435	4.9	25
175	2,5-Bis{N-(2,6-diisopropylphenyl)iminomethyl}pyrrolyl Complexes of the Divalent Lanthanides: Synthesis and Structures. <i>Organometallics</i> , 2010 , 29, 4410-4413	3.8	25
174	Synthesis of enantiomeric pure lithium and potassium benzamidinate complexes. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 1150-1155	2.3	25
173	Investigations of the Nature of Zn(II) -Si(II) Bonds. <i>Chemistry - A European Journal</i> , 2016 , 22, 7127-33	4.8	25
172	Access to divalent lanthanide NHC complexes by redox-transmetallation from silver and CO insertion reactions. <i>Chemical Communications</i> , 2018 , 55, 222-225	5.8	24
171	Zinc-silylene complexes. <i>Chemical Communications</i> , 2014 , 50, 11401-3	5.8	24
170	The approach to 4d/4f-polyphosphides. <i>Chemical Science</i> , 2015 , 6, 7179-7184	9.4	24
169	¹ H, ⁸⁹ Y HMQC and further NMR spectroscopic and X-ray diffraction investigations on yttrium-containing complexes exhibiting various nuclearities. <i>Chemistry - A European Journal</i> , 2012 , 18, 5325-34	4.8	24

168	Peptoid-ligated pentadecanuclear yttrium and dysprosium hydroxy clusters. <i>Chemistry - A European Journal</i> , 2015 , 21, 2813-20	4.8	23
167	Mono- and Dinuclear Rare-Earth Chlorides Ligated by a Mesityl-Substituted β -Diketiminato. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3666-3672	2.3	23
166	Molekulare Polyarsenide der Seltenerdelemente. <i>Angewandte Chemie</i> , 2016 , 128, 1583-1586	3.6	23
165	Comparison of Decamethylzincocene $[(\text{Cp}^*)_2\text{Zn}_2]$ versus Decamethylzincocene $[\text{Cp}^*\text{Zn}]$ and Diethylzinc Et_2Zn As Precatalysts for the Intermolecular Hydroamination Reaction. <i>Organometallics</i> , 2012 , 31, 7109-7116	3.8	22
164	Heterolysis of Re_2O_7 : Generation and Stabilization of the Cation $[\text{ReO}_3]^+$. <i>Angewandte Chemie International Edition in English</i> , 1993 , 32, 1714-1716		22
163	Gallium "Shears" for C=N and C=O Bonds of Isocyanates. <i>Chemistry - A European Journal</i> , 2019 , 25, 8259-8267	4.2	21
162	Consecutive modular ligation as an access route to palladium containing polymers. <i>Polymer Chemistry</i> , 2013 , 4, 5456	4.9	21
161	Reactions of potassium bis(phosphinimino)methanide with group 11 compounds. <i>Inorganic Chemistry</i> , 2006 , 45, 7503-8	5.1	21
160	Cyclopentadienyl Complexes of Samarium with Bis(phosphanyl)amides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003 , 629, 2113-2116	1.3	21
159	Cyclooctatetraene complexes of yttrium and the lanthanides with chiral and achiral aminotroponiminoates. <i>Journal of Organometallic Chemistry</i> , 2001 , 621, 277-283	2.3	21
158	Multiple Bonds between Main-Group Elements and Transition Metals, 140. Cycloaddition Reactions of Methyltrioxorhenium(VII): Diphenylketene and Sulfur Dioxide. <i>Organometallics</i> , 1994 , 13, 4536-4542	3.8	21
157	Samarium Polyarsenides Derived from Nanoscale Arsenic. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4386-4389	16.4	21
156	Bi- and trimetallic rare-earth-palladium complexes ligated by phosphinoamides. <i>Chemical Communications</i> , 2015 , 51, 11761-4	5.8	20
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