

Hans-Jrg Himmel

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206
papers

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37
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50
g-index

219
ext. papers

4,778
ext. citations

5.5
avg, IF

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L-index

#	Paper	IF	Citations
206	Reactions of ground state and electronically excited atoms of main group elements: a matrix perspective. <i>Chemical Reviews</i> , 2002 , 102, 4191-241	68.1	127
205	Intrinsic dinitrogen activation at bare metal atoms. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6264-88	16.4	105
204	1,2,4,5-Tetrakis(tetramethylguanidino)benzene: Synthesis and Properties of a New Molecular Electron Donor. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 5907-5914	3.2	83
203	Formation and characterization of the gallium and indium subhydride molecules Ga ₂ H ₂ and In ₂ H ₂ : a matrix isolation study. <i>Journal of the American Chemical Society</i> , 2002 , 124, 4448-57	16.4	82
202	Synthesis of a stable B ₂ H ₅ (+) analogue by protonation of a double base-stabilized diborane(4). <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5538-41	16.4	64
201	On the electronic structure of Ni(II) complexes that feature chelating bisguanidine ligands. <i>Chemistry - A European Journal</i> , 2010 , 16, 1336-50	4.8	63
200	What Makes a Strong Organic Electron Donor (or Acceptor)?. <i>Chemistry - A European Journal</i> , 2015 , 21, 8578-90	4.8	62
199	Synthesis and Characterization of a New Guanidine-Borane Complex and a Dinuclear Boron(II) Hydride with Bridging Guanidinate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 4530-4534	2.3	62
198	Thermal and Photochemical Reactions of Aluminum, Gallium, and Indium Atoms (M) in the Presence of Ammonia: Generation and Characterization of the Species M ₂ NH ₃ , HMNH ₂ , MNH ₂ , and H ₂ MNH ₂ . <i>Journal of the American Chemical Society</i> , 2000 , 122, 9793-9807	16.4	62
197	Syntheses of the First Coordination Compounds of the New Strong Molecular Electron Donor and Double Proton Sponge 1,4,5,8-Tetrakis(tetramethylguanidino)naphthalene. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 115-126	2.3	60
196	Structural motifs and reactivity of small molecules containing subvalent Group 13 elements: matrix isolation and quantum chemical studies. <i>Dalton Transactions</i> , 2003 , 3639	4.3	58
195	Relativistic Effects on the Topology of the Electron Density. <i>Journal of Chemical Theory and Computation</i> , 2007 , 3, 2182-97	6.4	57
194	A boron-boron coupling reaction between two ethyl cation analogues. <i>Nature Chemistry</i> , 2013 , 5, 1029-34	4.6	56
193	Synthesis and structural characterization of a stable dimeric boron(II) dication. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 9110-3	16.4	56
192	On the Chemistry of the Strong Organic Electron-Donor 1,2,4,5-Tetrakis(tetramethylguanidino)benzene: Electron Transfer in Donor-Acceptor Couples and Binuclear Late Transition Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 3791-3800	2.3	55
191	Synthese eines stabilen B ₂ H ₅ ⁺ -Analogons durch Protonierung eines doppelt basenstabilisierten Diborans(4). <i>Angewandte Chemie</i> , 2009 , 121, 5646-5649	3.6	54
190	The Doubly Base-Stabilized Diborane(4) [HB(Ehpp)] ₂ (hpp = 1,3,4,6,7,8-hexahydro-2H-pyrimido[1,2-a]pyrimidin-2-ylidene): Synthesis by Catalytic Dehydrogenation and Reactions with S ₈ and Disulfides. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 5201-5210	2.3	54

189	Guanidinyl-Functionalized Aromatic Compounds (GFAs) [Charge and Spin Density Studies as Starting Points for the Development of a New Class of Redox-active Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 1940-1952	1.3	51
188	Cleavage of the N ₂ triple bond by the Ti dimer: a route to molecular materials for dinitrogen activation?. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2799-802	16.4	50
187	Subvalent compounds featuring direct metal-metal bonds: the Zn-Zn bond in [Cp* ₂ Zn ₂]. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 3006-8	16.4	50
186	The Flexible Coordination Modes of Guanidine Ligands in Zn Alkyl and Halide Complexes: Chances for Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 83-90	2.3	49
185	Stabilization and Activation: New Alkyl Complexes of Zinc, Magnesium and Cationic Aluminium Featuring Chelating Bisguanidine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4795-4808	2.3	48
184	Mono- and diprotonation of the superbasic bisguanidine 1,2-Bis(N,N,N',N'-tetramethylguanidino)benzene (btmgb) and Pt II and Pt IV complexes of chelating bisguanidines and guanidines. <i>Chemistry - A European Journal</i> , 2008 , 14, 7813-21	4.8	47
183	Heats of hydrogenation of compounds featuring main group elements and with the potential for multiply bonding. <i>Chemistry - A European Journal</i> , 2002 , 8, 2397-405	4.8	47
182	Why does a Ga(2) dimer react spontaneously with H ₂ , but a Ga atom does not?--A detailed quantum chemical investigation of the differences in reactivity between ga atoms and Ga(2) dimers, in combination with experimental results. <i>Chemistry - A European Journal</i> , 2003 , 9, 3909-19	4.8	46
181	Combining NMR of dynamic and paramagnetic molecules: fluxional high-spin nickel(II) complexes bearing bisguanidine ligands. <i>Inorganic Chemistry</i> , 2011 , 50, 1942-55	5.1	45
180	The electronic structure of the tris(ethylene) complexes [M(C ₂ H ₄) ₃] (M=Ni, Pd, and Pt): a combined experimental and theoretical study. <i>Chemistry - A European Journal</i> , 2007 , 13, 10078-87	4.8	45
179	The First Cyanomethyl Complex of Gold, Synthesized by Reaction of a Aul Complex with Acetonitrile in the Presence of a New Guanidine N-Superbase. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4783-4789	2.3	42
178	Characterization of isolated Ga ₂ molecules by resonance Raman spectroscopy and variations of Ga-Ga bonding. <i>Chemistry - A European Journal</i> , 2004 , 10, 5936-41	4.8	42
177	Characterization and photochemistry of the gallium and indium subhydrides Ga ₂ H ₂ and In ₂ H ₂ . <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 796-9	16.4	42
176	Synthese und strukturelle Charakterisierung eines stabilen dimeren Bor(II)-Dikations. <i>Angewandte Chemie</i> , 2007 , 119, 9270-9273	3.6	41
175	The First Metal Complexes of the Proton Sponge 1,8-Bis(N,N,N',N'-tetramethylguanidino)naphthalene: Syntheses and Properties. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 4440-4447	2.3	41
174	Thermal and Photolytic Reactions of Gallium and Indium Atoms (M) and Their Dimers M ₂ with Carbon Monoxide in Low-Temperature Matrices: Formation of Terminal, Bridged, and Ionic Carbonyl Derivatives [Journal of Physical Chemistry A, 2000 , 104, 3642-3654	2.8	41
173	Chemistry of guanidinate-stabilised diboranes: transition-metal-catalysed dehydrocoupling and hydride abstraction. <i>Chemistry - A European Journal</i> , 2014 , 20, 12514-27	4.8	40
172	Successive Ligand and Metal Oxidation: Redox Reactions Involving Binuclear Cul Complexes of Chelating Guanidine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 1839-1846	2.3	39

171	Diborane(4)-metal bonding: between hydrogen bridges and frustrated oxidative addition. <i>Chemical Communications</i> , 2012 , 48, 5277-9	5.8	37
170	Wrapping an organic reducing reagent in a cationic boron complex and its use in the synthesis of polyhalide monoanionic networks. <i>Chemistry - A European Journal</i> , 2012 , 18, 14108-16	4.8	37
169	Trapped in a Complex: the 1,2,4,5-Tetrakis(tetramethylguanidino)benzene Radical Cation (ttmgb ⁺) with a Bisallylic Structure. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 3102-3108	2.3	37
168	Synthesis and characterization of a doubly base-stabilized B ₃ H ₆ ⁺ analogue. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10444-7	16.4	35
167	First dinuclear B(II) monocations with bridging guanidinate ligands: synthesis and properties. <i>Inorganic Chemistry</i> , 2008 , 47, 4774-8	5.1	35
166	Mono- and Dinuclear Ni(II) and Co(II) Complexes that Feature Chelating Guanidine Ligands: Structural Characteristics and Molecular Magnetism. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4770-4782 ²³		34
165	Reactions between Boron and Magnesium Halides and the Bicyclic Guanidine hppH (1,3,4,6,7,8-Hexahydro-2H-pyrimido[1,2-a]pyrimidine): Guanidates with New Structural Motifs. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010 , 636, 543-550	1.3	34
164	Dinitrogen fixation and activation by Ti and Zr atoms, clusters and complexes. <i>New Journal of Chemistry</i> , 2006 , 30, 1253	3.6	34
163	Low valent and would-be multiply bonded derivatives of the Group 13 metals Al, Ga and In revealed through matrix isolation. <i>Polyhedron</i> , 2002 , 21, 473-488	2.7	33
162	Redox-Active Guanidine Ligands with Pyridine and p-Benzoquinone Backbones. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 4833-4845	2.3	32
161	Thermal and Catalytic Dehydrogenation of the Guanidine-Borane Adducts H ₃ B[hppH] (hppH = 1,3,4,6,7,8-hexahydro-2H-pyrimido[1,2-a]pyrimidine) and H ₃ B[N(H)C(NMe ₂) ₂]: A Combined Experimental and Quantum Chemical Study. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 5482-5493	2.3	32
160	Intrinsische Stickstoff-Aktivierung an flackten Metallatomen. <i>Angewandte Chemie</i> , 2006 , 118, 6412-6437	3.6	32
159	Reactions of aluminum, gallium, and indium (M) atoms with phosphine: generation and characterization of the species M.PH ₃ , HMPH ₂ , and H ₂ M.PH. <i>Inorganic Chemistry</i> , 2001 , 40, 396-407	5.1	32
158	Bonding in diborane-metal complexes: a quantum-chemical and experimental study of complexes featuring early and late transition metals. <i>Chemistry - A European Journal</i> , 2013 , 19, 7395-409	4.8	31
157	The Borane Complexes Htbo[BH ₃] and Htbn[BH ₃] (Htbo = 1,4,6-Triazabicyclo[3.3.0]oct-4-ene, Htbn = 1,5,7-Triazabicyclo[4.3.0]non-6-ene): Synthesis and Dehydrogenation to Dinuclear Boron Hydrides. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4809-4819	2.3	31
156	A Radical Tricationic Rhomboid Tetraborane(4) with Four-Center, Five-Electron Bonding. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4345-7	16.4	31
155	Synthesis and Characterization of Novel Guanidine Ligands Featuring Biphenyl or Binaphthyl Backbones. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1302-1314	2.3	30
154	Synthesis and Structural Characterisation of cis- and trans-[(hppH) ₂ PtCl ₂], [(hppH) ₃ [PtCl]+Cl] ⁻ and Some New Salts of the [hppH ₂] ⁺ Cation (hppH = 1,3,4,6,7,8-Hexahydro-2H-pyrimido[1,2-a]pyrimidine): The Importance of Hydrogen Bonding. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 1248-1257	2.3	30

153	A Valence Tautomeric Dinuclear Copper Tetrakisguanidine Complex. <i>Chemistry - A European Journal</i> , 2016 , 22, 10438-45	4.8	30
152	Efficient n-Doping and Hole Blocking in Single-Walled Carbon Nanotube Transistors with 1,2,4,5-Tetrakis(tetramethylguanidino)benzene. <i>ACS Nano</i> , 2018 , 12, 5895-5902	16.7	30
151	Compounds featuring a bond between a Group 13 (M) and a Group 15 element (N or P) and with the formulae HmMNHn and HmMPHn: structural aspects and bonding. <i>Dalton Transactions RSC</i> , 2001 , 535-545		29
150	Valence tautomerism in copper coordination chemistry. <i>Inorganica Chimica Acta</i> , 2018 , 481, 56-68	2.7	29
149	Tuning the Properties of Redox-Active Guanidino-Functionalized Aromatic Ligands by Substitution: Experiment and Theory. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1620-1631	2.3	28
148	Synthese und Charakterisierung eines doppelt basenstabilisierten B3H6+-Analogons. <i>Angewandte Chemie</i> , 2011 , 123, 10628-10631	3.6	28
147	Formation and Characterization of the Indium Hydride Molecules H ₂ InCl and HInCl ₂ : Matrix Isolation and Quantum Chemical Studies. <i>Journal of the American Chemical Society</i> , 2000 , 122, 922-930	16.4	28
146	Copper Complexes of New Redox-Active 4,5-Bisguanidino-Substituted Benzodioxole Ligands: Control of the Electronic Structure by Counter-Ligands, Solvent, and Temperature. <i>Chemistry - A European Journal</i> , 2016 , 22, 16187-16199	4.8	28
145	A Stable Hexakis(guanidino)benzene: Realization of the Strongest Neutral Organic Four-Electron Donor. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3360-3363	16.4	27
144	Tetraguanidino-functionalized phenazine and fluorene dyes: synthesis, optical properties and metal coordination. <i>Dalton Transactions</i> , 2015 , 44, 3467-85	4.3	25
143	1,1,3,3-Tetramethylguanidine-gallane, (Me ₂ N) ₂ CN(H).GaH ₃ : an unusually strongly bound gallane adduct. <i>Dalton Transactions</i> , 2005 , 1591-7	4.3	25
142	An alternative way of characterising the bonding in compounds featuring main-group elements and with the potential for multiple bonding: on the dissociation of binary main-group hydrides. <i>Chemistry - A European Journal</i> , 2003 , 9, 748-55	4.8	25
141	Molekulare subvalente Verbindungen mit direkten Metall-Metall-Bindungen: die Zn-Zn-Bindung in [Cp* ₂ Zn ₂]. <i>Angewandte Chemie</i> , 2005 , 117, 3066-3068	3.6	25
140	Guanidines as Reagents in Proton-Coupled Electron-Transfer Reactions and Redox Catalysts. <i>Synlett</i> , 2018 , 29, 1957-1977	2.2	24
139	One- versus Two-Electron Oxidation of Complexed Guanidino-Functionalized Aromatic Compounds. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 6039-6050	2.3	24
138	Donor-Acceptor Couples and Late Transition Metal Complexes of Oxidation-Labile 1,4,5,8-Tetrakis(guanidino)naphthalene Superbases. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1593-1604	2.3	24
137	Reactivity of titanium dimer and molecular nitrogen in rare gas matrices. Vibrational and electronic spectra and structure of Ti ₂ N ₂ . <i>Physical Chemistry Chemical Physics</i> , 2006 , 8, 2000-11	3.6	24
136	Spectroscopic evidence for a dinitrogen complex of gallium and estimation of the Ga-N ₂ bond strength. <i>Chemistry - A European Journal</i> , 2005 , 11, 4096-102	4.8	24

135	Oxidation of Organic Molecules with a Redox-Active Guanidine Catalyst. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16410-16413	16.4	23
134	The control of the electronic structure of dinuclear copper complexes of redox-active tetrakisguanidine ligands by the environment. <i>Dalton Transactions</i> , 2016 , 45, 15828-15839	4.3	23
133	Counter-ligand control of the electronic structure in dinuclear copper-tetrakisguanidine complexes. <i>Dalton Transactions</i> , 2015 , 44, 19111-25	4.3	22
132	Zinc Halide and Alkylzinc Complexes of a Neutral Doubly Base-Stabilized Diborane(4). <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 2657-2661	2.3	22
131	Charakterisierung und Photochemie der Gallium- und Indiumsubhydride Ga ₂ H ₂ und In ₂ H ₂ . <i>Angewandte Chemie</i> , 2002 , 114, 829-832	3.6	22
130	Ein radikaltrikationisches Tetraboran(4) mit rhombischer Struktur und Vier-Zentren-fünf-Elektronen-Bindung. <i>Angewandte Chemie</i> , 2016 , 128, 4417-4420	3.6	22
129	Synthesis of Trinuclear, Dinuclear and Mononuclear Carbamato-Zinc Complexes from Tetranuclear Precursors: A Top-Down Synthetic Approach to New Carbamates. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2170-0178	2.3	21
128	A new class of binuclear gallium hydrides: synthesis and properties of [{GaCl(hpp)H} ₂] (hpp=1,3,4,6,7,8-hexahydro-2H-pyrimido[1,2-a]pyrimidate). <i>Chemistry - A European Journal</i> , 2007 , 13, 2648-54	4.8	21
127	Calculated Enthalpies for Dimerisation of Binary, Unsaturated, Main-Group Element Hydrides as a Means to Analyse Their Potential for Multiple Bonding. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 2153-2163	2.3	21
126	Redox-controlled hydrogen bonding: turning a superbase into a strong hydrogen-bond donor. <i>Chemistry - A European Journal</i> , 2014 , 20, 5914-25	4.8	20
125	Thermochromism of Cu(I) Tetrakisguanidine Complexes: Reversible Activation of Metal-to-Ligand Charge-Transfer Bands. <i>Chemistry - A European Journal</i> , 2015 , 21, 16494-503	4.8	20
124	Bisguanidines with biphenyl, binaphthyl, and bipyridyl cores: proton-sponge properties and coordination chemistry. <i>Chemistry - A European Journal</i> , 2013 , 19, 8958-77	4.8	20
123	On the reactivity of subvalent compounds of the Group 13 elements: exploration of the mechanism for the reactions of MCl (M = Ga or In) with dihydrogen to give H ₂ MCl. <i>Dalton Transactions RSC</i> , 2002 , 2678-2682		20
122	Tuning the nucleophilicity of electron-rich diborane(4) compounds with bridging guanidinate substituents by substitution. <i>Dalton Transactions</i> , 2018 , 47, 2009-2017	4.3	19
121	Metal-free C-C coupling reactions with tetraguanidino-functionalized pyridines and light. <i>Chemistry - A European Journal</i> , 2014 , 20, 5288-97	4.8	19
120	Trinuclear complexes and coordination polymers of redox-active guanidino-functionalized aromatic (GFA) compounds with a triphenylene core. <i>Inorganic Chemistry</i> , 2014 , 53, 9876-96	5.1	19
119	Inter- and Intramolecular Electron Transfer in Copper Complexes: Electronic Entatic State with Redox-Active Guanidine Ligands. <i>Chemistry - A European Journal</i> , 2017 , 23, 13607-13611	4.8	19
118	Novel Bi- and Trinuclear Gallium Halides and Hydrides with Acyclic and Bicyclic Guanidinate Substituents: Synthesis and Reactivity. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4952-4961	2.3	19

117	Synthesis and Characterisation of Some New Zinc Carbamate Complexes Formed by CO ₂ Fixation and Their Use as Precursors for ZnO Particles under Mild Conditions. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 3177-3185	2.3	19
116	Amidoalane, amidogallane and amidoindane, H ₂ MNH ₂ (M = Al, Ga or In): a matrix study of three prototypal molecules with the potential for M-N multiple bonding. <i>Chemical Communications</i> , 2000 , 871-872	5.8	19
115	On the Dual Reactivity of a Nucleophilic Dihydrido-Diborane: Reaction at the B-B Bond and/or the B-H Bond. <i>Chemistry - A European Journal</i> , 2018 , 24, 1209-1216	4.8	19
114	Urea Azines (Bisguanidines): Electronic Structure, Redox Properties, and Coordination Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2345-2361	2.3	18
113	Highly Oxidized Semiconducting Coordination Polymers [Coupled Oxidation and Coordination of Guanidine Electron Donors. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3156-3167	2.3	18
112	Repeated Dihydrogen Elimination from Boranes and Gallanes Stabilized by Guanidine-Type Bases: A Quantum Chemical Study Motivated by Recent Experimental Results. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 3565-3572	2.3	18
111	Ga as ligand in transition-metal complexes--an alternative to CO or N ₂ ?. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 6326-8	16.4	18
110	Synthesis and structural characterisation of primary amine adducts of gallane, RH ₂ N.GaH ₃ , and of their decomposition products, [RHNGaH ₂] _n (R = Me, n = 3; R = tBu, n = 2). <i>Dalton Transactions</i> , 2005 , 3281-403	4.3	18
109	Ein stabiles Hexakis(guanidino)benzol: Synthese des stärksten neutralen organischen Vier-Elektronen-Donors. <i>Angewandte Chemie</i> , 2017 , 129, 3408-3412	3.6	17
108	Radical Monocationic Guanidino-Functionalized Aromatic Compounds (GFAs) as Bridging Ligands in Dinuclear Metal Acetate Complexes: Synthesis, Electronic Structure, and Magnetic Coupling. <i>Inorganic Chemistry</i> , 2016 , 55, 1683-96	5.1	17
107	Cyclic and linear NiO ₂ : a multireference configuration interaction study. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 9181-8	2.8	17
106	Electron-Deficient Triborane and Tetraborane Ring Compounds: Synthesis, Structure, and Bonding. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11600-11617	16.4	17
105	Metal Cluster Models for Heterogeneous Catalysis: A Matrix-Isolation Perspective. <i>Chemistry - A European Journal</i> , 2018 , 24, 8941-8961	4.8	16
104	Some New Molecular Hydrides Stabilized and Characterized with the Aid of the Matrix-Isolation Technique. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 1551-1564	1.3	16
103	Construction of copper chains with new fluorescent guanidino-functionalized naphthyridine ligands. <i>Dalton Transactions</i> , 2016 , 45, 16966-16983	4.3	16
102	Catalytic Aerobic Phenol Homo- and Cross-Coupling Reactions with Copper Complexes Bearing Redox-Active Guanidine Ligands. <i>Chemistry - A European Journal</i> , 2019 , 25, 8279-8288	4.8	15
101	Nucleophilic Neutral Diborane(4) Compounds with sp ³ sp ³ -Hybridized Boron Atoms. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 2139-2154	2.3	15
100	4,4',5,5'-Tetrakis(guanidinyl)binaphthyl [Synthesis and Properties of Two Redox-Active Ligands and Oxidative C-C Coupling to Perylene Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 163-171	2.3	15

99	Redox Reactions Between Guanidine Electron Donors and Silver Dicyanamide: Synthesis of C,N Material Precursors and Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 3671-3679	2.3	15
98	Ti ₂ : accurate determination of the dissociation energy from matrix resonance Raman spectra and chemical interaction with noble gases. <i>Chemistry - A European Journal</i> , 2004 , 10, 627-33	4.8	15
97	Dehydrogenative Coupling Reactions with Oxidized Guanidino-Functionalized Aromatic Compounds: Novel Options for C-Bond Activation. <i>Chemistry - A European Journal</i> , 2016 , 22, 11971-6	4.8	15
96	Intramolecular metal-ligand electron transfer triggered by co-ligand substitution. <i>Dalton Transactions</i> , 2018 , 47, 9430-9441	4.3	14
95	Bor(II)-Kationen: Ein Zusammenspiel zwischen Lewis-Paar-Akzeptor- und Elektronendonator-Eigenschaften. <i>Angewandte Chemie</i> , 2018 , 130, 11627-11630	3.6	14
94	Homo- and Heterobinuclear Cu and Pd Complexes with a Bridging Redox-Active Bisguanidino-Substituted Dioxolene Ligand: Electronic Structure and Metal-Ligand Electron-Transfer. <i>Chemistry - A European Journal</i> , 2017 , 23, 11636-11648	4.8	14
93	Boron(II) Cations: Interplay between Lewis-Pair-Acceptor and Electron-Donor Properties. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11456-11459	16.4	14
92	Oxidation von organischen Substraten mit einem redoxaktiven Guanidinkatalysator. <i>Angewandte Chemie</i> , 2017 , 129, 16630-16633	3.6	13
91	Diboranyl Phosphonium Cations: Synthesis and Chemical Properties. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5188-5195	2.3	13
90	Synthesis of Heterobimetallic Zn/Co Carbamates: Single-Source Precursors of Nanosized Magnetic Oxides Under Mild Conditions. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 860-867	2.3	13
89	CO ₂ Fixation by Alkylzinc Amides: A Quantum Chemical Study Motivated by Recent Experimental Results. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 675-683	2.3	13
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