

Hans-Jrg Himmel

List of Publications by Year in Descending Order

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

206
papers

4,405
citations

37
h-index

50
g-index

219
ext. papers

4,778
ext. citations

5.5
avg, IF

6.03
L-index

#	Paper	IF	Citations
206	Directed Synthesis and Chemistry of Unsymmetric Dicationic Diboranes and Their Use in FLP-like Chemistry.. <i>Chemistry - A European Journal</i> , 2022 , e202104016	4.8	0
205	Stimulierung eines redoxinduzierten Elektronentransfers durch Interligand-Wasserstoffbrücken in einem Cobaltkomplex mit redoxaktivem Guanidin-Liganden. <i>Angewandte Chemie</i> , 2021 , 133, 10506-10514	3.6	3
204	Stimulation of Redox-Induced Electron Transfer by Interligand Hydrogen Bonding in a Cobalt Complex with Redox-Active Guanidine Ligand. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10415-10422	16.4	8
203	The Dioxygen Complexes of VO ₂ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 1764-1777	1.7	0
202	Proton-Coupled Electron Transfer (PCET) with 1,4-Bisguanidino-Benzene Derivatives: Comparative Study and Use in Acid-Initiated C-H Activation. <i>Chemistry - A European Journal</i> , 2021 , 27, 11943-11956	4.8	1
201	Switching from Metal- to Ligand-Based Oxidation in Cobalt Complexes with Redox-Active Bisguanidine Ligands. <i>Chemistry - A European Journal</i> , 2021 , 27, 11852-11867	4.8	1
200	High-Resolution Electronic Excitation and Emission Spectra of Pentacene and 6,13-Diazapentacene Monomers and Weakly Bound Dimers by Matrix-Isolation Spectroscopy. <i>Chemistry - A European Journal</i> , 2021 , 27, 2072-2081	4.8	5
199	Use of Crown Ether Functions as Secondary Coordination Spheres for the Manipulation of Ligand-Metal Intramolecular Electron Transfer in Copper-Guanidine Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 829	4.8	0
198	Use of Crown Ether Functions as Secondary Coordination Spheres for the Manipulation of Ligand-Metal Intramolecular Electron Transfer in Copper-Guanidine Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 959-970	4.8	6
197	On the metal-ligand bonding in dinuclear complexes with redox-active guanidine ligands. <i>Dalton Transactions</i> , 2021 , 50, 9467-9482	4.3	2
196	Polycationic Redox-Active Cyclophanes with Integrated Electron-Rich Diboron Units. <i>Chemistry - A European Journal</i> , 2021 , 27, 15737-15750	4.8	1
195	A Copper(I) Complex with Two Unpaired Electrons, Synthesised by Oxidation of a Copper(II) Complex with Two Redox-Active Ligands. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23451-23462	16.4	1
194	Synthese eines Kupfer(I)-Komplexes mit zwei ungepaarten Elektronen durch Oxidation eines Kupfer(II)-Komplexes mit zwei redoxaktiven Liganden. <i>Angewandte Chemie</i> , 2021 , 133, 23641	3.6	0
193	Improving electron injection and transport in polymer field-effect transistors with guanidino-functionalized aromatic n-dopants. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 7485-7493	7.1	0
192	Molecular n-Doping of Large- and Small-Diameter Carbon Nanotube Field-Effect Transistors with Tetrakis(tetramethylguanidino)benzene. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 804-812	4	5
191	1,2,4,5-Tetrakis(tetramethylguanidino)-3,6-diethynyl-benzenes: Fluorescent Probes, Redox-Active Ligands and Strong Organic Electron Donors. <i>Chemistry - A European Journal</i> , 2020 , 26, 10336-10347	4.8	1
190	Desymmetrization of Dicationic Diboranes by Isomerization Catalyzed by a Nucleophile. <i>Angewandte Chemie</i> , 2020 , 132, 9212-9218	3.6	3

189	Desymmetrization of Dicationic Diboranes by Isomerization Catalyzed by a Nucleophile. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9127-9133	16.4	8
188	Hetero Diels-Alder Reactions with a Dicationic Urea Azine Derived Azo Dienophile and Their Use for the Synthesis of an Electron-Rich Pentacene. <i>Chemistry - A European Journal</i> , 2020 , 26, 12328-12332	4.8	1
187	Chemistry of Dicationic Diboranes. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 3017-3029	2.3	7
186	Electron-Rich, Lewis Acidic Diborane Meets N-Heterocyclic Aromatics: Formation and Electron Transfer in Cyclophane Boranes. <i>Chemistry - A European Journal</i> , 2020 , 26, 3435-3440	4.8	6
185	1,2,5,6-Tetrakis(guanidino)-Naphthalenes: Electron Donors, Fluorescent Probes and Redox-Active Ligands. <i>Chemistry - A European Journal</i> , 2020 , 26, 5834-5845	4.8	2
184	Oxidative Addition of Dihydrogen to Divanadium in Solid Ne: Multiple-Bonded Triplet HVVH and Singlet V ₂ (H) ₂ . <i>Angewandte Chemie</i> , 2020 , 132, 12304-12310	3.6	
183	Charge and Thermoelectric Transport in Polymer-Sorted Semiconducting Single-Walled Carbon Nanotube Networks. <i>ACS Nano</i> , 2020 , 14, 15552-15565	16.7	13
182	Evaluation of the Synthetic Scope and the Reaction Pathways of Proton-Coupled Electron Transfer with Redox-Active Guanidines in C-H Activation Processes. <i>Chemistry - A European Journal</i> , 2020 , 26, 16504-16513	4.8	13
181	Oxidative Addition of Dihydrogen to Divanadium in Solid Ne: Multiple-Bonded Triplet HVVH and Singlet V (H). <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 12206-12212	16.4	4
180	Electron transfer in complexes of B cations with organic acceptors: a combined experimental and quantum-chemical study. <i>Dalton Transactions</i> , 2019 , 48, 14354-14366	4.3	2
179	Probing the Proton-Coupled Electron-Transfer (PCET) Reactivity of a Cross-Conjugated Cruciform Chromophore by Redox-State-Dependent Fluorescence. <i>Chemistry - A European Journal</i> , 2019 , 25, 3781-3785	4.8	5
178	Vier Boratome, vier positive Ladungen und vier Gerüstelektronen: ein fluoreszierendes aromatisches Tetraboran(4). <i>Angewandte Chemie</i> , 2019 , 131, 5957-5961	3.6	10
177	On the Metal Cooperativity in a Dinuclear Copper-Guanidine Complex for Aliphatic C-H Bond Cleavage by Dioxygen. <i>Chemistry - A European Journal</i> , 2019 , 25, 11257-11268	4.8	3
176	Elektronen-defizitige Triboran- und Tetraboran-Ringverbindungen: Synthese, Struktur und Bindung. <i>Angewandte Chemie</i> , 2019 , 131, 11724-11742	3.6	11
175	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
174	Innenrücktitelbild: Vier Boratome, vier positive Ladungen und vier Gerüstelektronen: ein fluoreszierendes aromatisches Tetraboran(4) (Angew. Chem. 18/2019). <i>Angewandte Chemie</i> , 2019 , 131, 6165-6165	3.6	
173	Tuneable Redox Chemistry and Electrochromism of Persistent Symmetric and Asymmetric Azine Radical Cations. <i>Chemistry - A European Journal</i> , 2019 , 25, 12981-12990	4.8	5
172	Low-Energy Electronic Excitations of N-Substituted Heteroacene Molecules: Matrix Isolation Spectroscopy in Concert with Quantum-Chemical Calculations. <i>Chemistry - A European Journal</i> , 2019 , 25, 15147-15154	4.8	5

171	Redox-Active Guanidines with One or Two Guanidino Groups and Their Integration in Low-Dimensional Perovskite Structures. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4147-4160 ²⁻³	3	
170	Redox-Active Guanidines in Proton-Coupled Electron-Transfer Reactions: Real Alternatives to Benzoquinones?. <i>Chemistry - A European Journal</i> , 2019 , 25, 15988	4.8	7
169	Boron-Boron Dehydrocoupling of Boranes Initiated by Reaction with Iodine. <i>Chemistry - A European Journal</i> , 2019 , 25, 6553-6561	4.8	4
168	Electron-Deficient Triborane and Tetraborane Ring Compounds: Synthesis, Structure, and Bonding. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11600-11617	16.4	17
167	Four Boron Atoms, Four Positive Charges, and Four Skeletal Electrons: A Fluorescent π Aromatic Tetraborane(4). <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5897-5901	16.4	12
166	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
165	Metal Cluster Models for Heterogeneous Catalysis: A Matrix-Isolation Perspective. <i>Chemistry - A European Journal</i> , 2018 , 24, 8941-8961	4.8	16
164	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
163	Intramolecular metal-ligand electron transfer triggered by co-ligand substitution. <i>Dalton Transactions</i> , 2018 , 47, 9430-9441	4.3	14
162	Bor(II)-Kationen: Ein Zusammenspiel zwischen Lewis-Paar-Akzeptor- und Elektronendonator-Eigenschaften. <i>Angewandte Chemie</i> , 2018 , 130, 11627-11630	3.6	14
161	Di- and tetranuclear transition metal complexes of a tetrakisguanidino-substituted phenazine dye by stepwise coordination. <i>Dalton Transactions</i> , 2018 , 47, 11016-11029	4.3	4
160	Guanidines as Reagents in Proton-Coupled Electron-Transfer Reactions and Redox Catalysts. <i>Synlett</i> , 2018 , 29, 1957-1977	2.2	24
159	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
158	Valence tautomerism in copper coordination chemistry. <i>Inorganica Chimica Acta</i> , 2018 , 481, 56-68	2.7	29
157	Twofold Oxidized and Twofold Protonated Redox-Active Guanidine: An Ultimate Intermediate in Proton-Coupled Electron-Transfer Reactions. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 5910-5915 ^{3,2}	15	10
156	Catalyst-Free Hydroboration of CO With a Nucleophilic Diborane(4). <i>Chemistry - A European Journal</i> , 2018 , 24, 16983-16986	4.8	13
155	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
154	Solvent Control of Ligand-Metal Electron Transfer in Mononuclear Copper Complexes with Redox-Active Bisguanidine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 3660-3667	2.3	9

153	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
152	Hydrogen-Atom Transfer (HAT) Initiated by Intramolecular Ligand-Metal Electron Transfer. <i>Chemistry - A European Journal</i> , 2017 , 23, 5520-5528	4.8	7
151	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
150	aRMSD: A Comprehensive Tool for Structural Analysis. <i>Journal of Chemical Information and Modeling</i> , 2017 , 57, 428-438	6.1	12
149	Ein stabiles Hexakis(guanidino)benzol: Synthese des stärksten neutralen organischen Vier-Elektronen-Donors. <i>Angewandte Chemie</i> , 2017 , 129, 3408-3412	3.6	17
148	Oxidation von organischen Substraten mit einem redoxaktiven Guanidinkatalysator. <i>Angewandte Chemie</i> , 2017 , 129, 16630-16633	3.6	13
147	Oxidation of Organic Molecules with a Redox-Active Guanidine Catalyst. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16410-16413	16.4	23
146	Incorporation of a Redox-Active Bis(guanidine) in Low-Dimensional Tin and Lead Iodide Structures. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 5539-5544	2.3	5
145	Metal-Free Nitrile Diboration through Activation by an Electron-Rich Diborane. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11645-11648	16.4	11
144	Metallfreie Diborierung von Nitrilen durch Aktivierung eines elektronenreichen Diborans. <i>Angewandte Chemie</i> , 2017 , 129, 11804-11807	3.6	9
143	Multiple Metal-Metal Bond or No Bond? The Electronic Structure of V O. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12340-12343	16.4	5
142	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
141	Incorporation of a Redox-Active Bis(guanidine) in Low-Dimensional Tin and Lead Iodide Structures. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 5537-5537	2.3	
140	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
139	Front Cover: Incorporation of a Redox-Active Bis(guanidine) in Low-Dimensional Tin and Lead Iodide Structures (Eur. J. Inorg. Chem. 47/2017). <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 5536-5536	2.3	
138	Metall-Metall-Mehrfachbindung oder keine Bindung? Die elektronische Struktur von V ₂ O ₂ . <i>Angewandte Chemie</i> , 2017 , 129, 12510-12514	3.6	3
137	The Vibrations of VO: Matrix Isolation and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 9385-9391	2.8	2
136	Bent and twisted: the electronic structure of 2-azapropenylum ions obtained by guanidine oxidation. <i>RSC Advances</i> , 2016 , 6, 39323-39329	3.7	12

135	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
134	A Valence Tautomeric Dinuclear Copper Tetrakisguanidine Complex. <i>Chemistry - A European Journal</i> , 2016 , 22, 10438-45	4.8	30
133	Ein radikaltrikationisches Tetraboran(4) mit rhombischer Struktur und Vier-Zentren-fünf-Elektronen-Bindung. <i>Angewandte Chemie</i> , 2016 , 128, 4417-4420	3.6	22
132	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
131	Low-energy excited states of divanadium: a matrix isolation and MRCI study. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 14667-77	3.6	6
130	Photochemical Reductive C-C Coupling with a Guanidine Electron Donor. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 5045-5054	3.2	8
129	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
128	Construction of copper chains with new fluorescent guanidino-functionalized naphthyridine ligands. <i>Dalton Transactions</i> , 2016 , 45, 16966-16983	4.3	16
127	Dehydrogenative Coupling Reactions with Oxidized Guanidino-Functionalized Aromatic Compounds: Novel Options for C-H Bond Activation. <i>Chemistry - A European Journal</i> , 2016 , 22, 11971-6	4.8	15
126	Formation of a Radical Tricationic Tetraborane(4) by Hydride Abstraction from sp ³ sp ³ -Hybridized Diboranes. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4090-4098	2.3	12
125	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
124	Tetraguanidino-functionalized phenazine and fluorene dyes: synthesis, optical properties and metal coordination. <i>Dalton Transactions</i> , 2015 , 44, 3467-85	4.3	25
123	What Makes a Strong Organic Electron Donor (or Acceptor)?. <i>Chemistry - A European Journal</i> , 2015 , 21, 8578-90	4.8	62
122	Urea Azines (Bisguanidines): Electronic Structure, Redox Properties, and Coordination Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2345-2361	2.3	18
121	Counter-ligand control of the electronic structure in dinuclear copper-tetrakisguanidine complexes. <i>Dalton Transactions</i> , 2015 , 44, 19111-25	4.3	22
120	The electronic structure of VO in its ground and electronically excited states: A combined matrix isolation and quantum chemical (MRCI) study. <i>Journal of Chemical Physics</i> , 2015 , 143, 024309	3.9	12
119	Redox-Active Guanidines and Guanidinate-Substituted Diboranes. <i>Topics in Heterocyclic Chemistry</i> , 2015 , 165-203	0.2	3
118	Diboranyl Phosphonium Cations: Synthesis and Chemical Properties. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5188-5195	2.3	13

117	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
116	Combined Oxidation, Deprotonation, and Metal Coordination of a Redox-Active Guanidine Ligand. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4848-4860	2.3	10
115	Tetracyanoquinodimethane reduction by complexed guanidiny-functionalized aromatic compounds. <i>ChemPhysChem</i> , 2014 , 15, 351-65	3.2	12
114	Redox-controlled hydrogen bonding: turning a superbases into a strong hydrogen-bond donor. <i>Chemistry - A European Journal</i> , 2014 , 20, 5914-25	4.8	20
113	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
112	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
111	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
110	Activation of Small Molecules with Metal and Metal Oxide Clusters in Inert Gas Matrixes 2014 , 25-52		1
109	Stabilization of Complexes of Redox-Active Guanidino-Functionalized Aromatic Compounds (GFAs) by Hydrogen-Bonding. <i>Australian Journal of Chemistry</i> , 2014 , 67, 1044	1.2	7
108	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
107	On the electronic structure and photochemistry of coordinatively unsaturated complexes: the case of nickel bis-dinitrogen, Ni(N ₂) ₂ . <i>Chemistry - A European Journal</i> , 2014 , 20, 17025-38	4.8	8
106	A boron-boron coupling reaction between two ethyl cation analogues. <i>Nature Chemistry</i> , 2013 , 5, 1029-34	7.6	56
105	Main group chemistry: metal-reinforced bonding. <i>Nature Chemistry</i> , 2013 , 5, 88-9	17.6	5
104	4,4',5,5'-Tetrakis(guanidiny)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
103	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
102	Isomers and electronic states of Ni ₂ O ₂ H ₂ and evaluation of the effect of charge on the electronic properties and reactivity of Ni ₂ O ₂ . <i>Journal of Physical Chemistry A</i> , 2013 , 117, 12635-41	2.8	4
101	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
100	Guanidiny-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

99	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
98	Guanidine Electron Donors and Silver Halides: Interplay and Competition between Redox, Coordination and Polymerization Reactions. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 695-704 ^{2,3}		12
97	Synthesis of Oligomeric Zinc Complexes with Bicyclic and Acyclic Guanidinate Ligands. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1250-1260	2.3	7
96	Diborane(4)-metal bonding: between hydrogen bridges and frustrated oxidative addition. <i>Chemical Communications</i> , 2012 , 48, 5277-9	5.8	37
95	Cyclic and linear NiO ₂ : a multireference configuration interaction study. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 9181-8	2.8	17
94	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
93	Redox-Active Guanidine Ligands with Pyridine and p-Benzoquinone Backbones. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 4833-4845	2.3	32
92	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
91	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
90	Cryptate Complexes with the Potential for CO ₂ Activation: Quantum Chemical Predictions and Synthetic Efforts. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 4020-4028	2.3	5
89	Synthesis of Molecular Gallium Hydrides by Means of Low-Temperature Catalytic Dehydrogenation. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2368-2372	2.3	11
88	OPN und SPN: Moleküle mit großem Potenzial. <i>Angewandte Chemie</i> , 2012 , 124, 5635-5636	3.6	1
87	OPN and SPN: small molecules with great potential. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5541-2	16.4	3
86	Hydrogenation and Dehydrogenation of Dinuclear Boron- and Gallium Hydrides: Quantum Chemical Calculations and Experiments 2011 , 425-453		3
85	MRCI investigation of different isomers of Ni ₂ O ₂ H ₂ (+). <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 2963-71	3.6	6
84	A Fluorescent Blue Phosphazene Dye: Synthesis, Structure and Optical Properties of 1,6-Bis(Dimethylamino)-2,5,7,10-Tetraazo-1,6B-Diphosphapyrene. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011 , 637, 547-555	1.3	6
83	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
82	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

81	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
80	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
79	Synthesis and Reactivity of a New Oxidation-Labile Heterobimetallic Mn ₆ Zn ₂ Carbamate Cluster and Precursor to Nanosized Magnetic Oxide Particles. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1387-1394	2.3	10
78	Guanidino-Functionalised Aromatic Electron Donors at Work: Competing Hydrogen- and Electron-Transfer Reactions in the Course of the Synthesis of Gold Acetylide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 2975-2983	2.3	11
77	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
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