Karsten Meyer

List of Publications by Year in Descending Order

292 papers	12,865 citations	63 h-index	100 g-index
316 ext. papers	14,117 ext. citations	9 avg, IF	6.58 L-index

#	Paper	IF	Citations
292	Ir(IV) Sulfoxide-Pincer Complexes by Three-Electron Oxidative Additions of Br and I. Unprecedented Trap-Free Reductive Elimination of I from a formal d Metal.. *Inorganic Chemistry*, **2022**, 61, 1236-1248	5.1	1
291	Small Molecule Activation by Actinide Complexes **2022**, 471-493		
290	An Iron-Mesoionic Carbene Complex for Catalytic Intramolecular C-H Amination Utilizing Organic Azides. *Journal of the American Chemical Society*, **2021**, 143, 20157-20165	16.4	4
289	Electrocatalytic Hydrogen Evolution by Cobalt Complexes with a Redox Non-Innocent Polypyridine Ligand. *Inorganic Chemistry*, **2021**, 60, 17976-17985	5.1	3
288	A Crystalline Iron Terminal Methylidene. *Journal of the American Chemical Society*, **2021**, 143, 17219-17225	16.4	1
287	Uranium Going the Soft Way: Low-Valent Uranium(III) Coordinated to an Arene-Anchored Tris-Thiophenolate Ligand. *Inorganic Chemistry*, **2021**, 60, 16455-16465	5.1	0
286	Electronic Structure and Magnetic Properties of a Low-Spin Cr Complex: -[CrCl(dmpe)] (dmpe = 1,2-Bis(dimethylphosphino)ethane). *Inorganic Chemistry*, **2021**, 60, 17865-17877	5.1	0
285	Grey facet-controlled anatase nanosheets for photocatalytic H2 evolution without co-catalyst. *JPhys Energy*, **2021**, 3, 034003	4.9	3
284	Cobalt Diazo-Compounds: From Nitrilimide to Isocyanoamide via a Diazomethanediide Fleeting Intermediate. *Angewandte Chemie*, **2021**, 133, 11238-11242	3.6	1
283	Cobalt Diazo-Compounds: From Nitrilimide to Isocyanoamide via a Diazomethanediide Fleeting Intermediate. *Angewandte Chemie - International Edition*, **2021**, 60, 11138-11142	16.4	5
282	Advanced Photocatalysts: Pinning Single Atom Co-Catalysts on Titania Nanotubes. *Advanced Functional Materials*, **2021**, 31, 2102843	15.6	16
281	Isolation of a [Fe(CO)4]2Bridged Diuranium Complex Obtained via Reduction of Fe(CO)5 with Uranium(III). *Organometallics*, **2021**, 40, 1411-1415	3.8	2
280	Titelbild: An Electrically Conducting Three-Dimensional IronCatecholate Porous Framework (Angew. Chem. 33/2021). *Angewandte Chemie*, **2021**, 133, 17893-17893	3.6	
279	Charge frustration in ligand design and functional group transfer. *Nature Reviews Chemistry*, **2021**, 5, 422-439	34.6	7
278	From Chemical Curiosities and Trophy Molecules to Uranium-Based Catalysis: Developments for Uranium Catalysis as a New Facet in Molecular Uranium Chemistry. *Jacs Au*, **2021**, 1, 698-709		7
277	Synthesis of a Nitrogenase PN-Cluster Model with [Fe8S7(Sthiolate)2] Core from the All-Ferric [Fe4S4(Sthiolate)4] Cubane Synthon. *Angewandte Chemie*, **2021**, 133, 15926-15931	3.6	0
276	Synthesis of a Nitrogenase P -Cluster Model with [Fe S (S)] Core from the All-Ferric [Fe S (S)] Cubane Synthon. *Angewandte Chemie - International Edition*, **2021**, 60, 15792-15797	16.4	1

275	A Pair of Cobalt(III/IV) Terminal Imido Complexes. *Angewandte Chemie - International Edition*, **2021**, 60, 16480-16486	16.4	6
274	A Pair of Cobalt(III/IV) Terminal Imido Complexes. *Angewandte Chemie*, **2021**, 133, 16616-16622	3.6	2
273	An Electrically Conducting Three-Dimensional Iron□Catecholate Porous Framework. *Angewandte Chemie*, **2021**, 133, 18213-18220	3.6	1
272	Pre-Planarized Triphenylamine-Based Linear Mixed-Valence Charge-Transfer Systems. *Angewandte Chemie - International Edition*, **2021**, 60, 6771-6777	16.4	5
271	Vorplanarisierte Triphenylamin-basierte lineare gemischtvalente Ladungstransfersysteme. *Angewandte Chemie*, **2021**, 133, 6845-6851	3.6	1
270	Reduced grey brookite for noble metal free photocatalytic H2 evolution. *Journal of Materials Chemistry A*, **2021**, 9, 1168-1179	13	6
269	Spin-Crossover Properties of an Iron(II) Coordination Nanohoop. *Angewandte Chemie - International Edition*, **2021**, 60, 3515-3518	16.4	4
268	Actinides **2021**, 471-521		5
267	Ligand Tailoring Toward an Air-Stable Iron(V) Nitrido Complex. *Journal of the American Chemical Society*, **2021**, 143, 1458-1465	16.4	10
266	An Electrically Conducting Three-Dimensional Iron-Catecholate Porous Framework. *Angewandte Chemie - International Edition*, **2021**, 60, 18065-18072	16.4	5
265	Photoluminescence of Pentavalent Uranyl Amide Complexes. *Journal of the American Chemical Society*, **2021**, 143, 13184-13194	16.4	2
264	Redox-Controlled and Reversible N-N Bond Forming and Splitting with an Iron Terminal Imido Ligand. *Inorganic Chemistry*, **2021**, 60, 13091-13100	5.1	1
263	A Zwitterionic Heterobimetallic Gold□Iron Complex Supported by Bis(N-Heterocyclic Imine)Silyliumylidene. *Angewandte Chemie*, **2021**, 133, 23462	3.6	0
262	A Zwitterionic Heterobimetallic Gold-Iron Complex Supported by Bis(N-Heterocyclic Imine)Silyliumylidene. *Angewandte Chemie - International Edition*, **2021**, 60, 23274-23280	16.4	5
261	Evaluation of Manganese Cubanoid Clusters for Water Oxidation Catalysis: From Well-Defined Molecular Coordination Complexes to Catalytically Active Amorphous Films. *ChemSusChem*, **2021**, 14, 4741-4751	8.3	1
260	Di-tert-butyldiphosphatetrahedrane as a Source of 1,2-Diphosphacyclobutadiene Ligands. *Chemistry - A European Journal*, **2021**, 27, 14936-14946	4.8	1
259	Establishing High Photocatalytic H2 Evolution from Multiwalled Titanate Nanotubes. *ChemCatChem* , **2020**, 12, 2951-2956	5.2	8
258	Unusual Dinitrogen Binding and Electron Storage in Dinuclear Iron Complexes. *Journal of the American Chemical Society*, **2020**, 142, 8147-8159	16.4	10

257	A Room-Temperature Stable Y(II) Aryloxide: Using Steric Saturation to Kinetically Stabilize Y(II) Complexes. *Inorganic Chemistry*, **2020**, 59, 3207-3214	5.1	11
256	Werner-Type Complexes of Uranium(III) and (IV). *Inorganic Chemistry*, **2020**, 59, 2443-2449	5.1	5
255	Paramagnetic iron-containing ionic liquid crystals. *Journal of Molecular Liquids*, **2020**, 304, 112583	6	2
254	A Spherically Shielded Triphenylamine and Its Persistent Radical Cation. *Chemistry - A European Journal*, **2020**, 26, 3264-3269	4.8	15
253	Electronic Structure and Magnetic Properties of a Titanium(II) Coordination Complex. *Inorganic Chemistry*, **2020**, 59, 6187-6201	5.1	4
252	An Iron Pincer Complex in Four Oxidation States. *Inorganic Chemistry*, **2020**, 59, 5632-5645	5.1	6
251	CO2 Activation with Formation of Uranium Carbonate Complexes in a Closed Synthetic Cycle. *Organometallics*, **2020**, 39, 1602-1611	3.8	5
250	Dispersion Forces Drive the Formation of Uranium-Alkane Adducts. *Journal of the American Chemical Society*, **2020**, 142, 1864-1870	16.4	9
249	A Mononuclear and High-Spin Tetrahedral Ti Complex. *Inorganic Chemistry*, **2020**, 59, 17834-17850	5.1	4
248	Anticancer Effect of an Electronically Coupled Oligoferrocene. *Organometallics*, **2020**, 39, 3112-3120	3.8	4
247	Cobalt(II), Zinc(II), Iron(III), and Copper(II) Complexes Bearing Positively Charged Quaternary Ammonium Functionalities: Synthesis, Characterization, Electrochemical Behavior, and SOD Activity. *European Journal of Inorganic Chemistry*, **2020**, 2020, 3347-3358	2.3	3
246	A Series of Iron Nitrosyl Complexes {Fe-NO} and a Fleeting {Fe-NO} Intermediate en Route to a Metalacyclic Iron Nitrosoalkane. *Journal of the American Chemical Society*, **2019**, 141, 17217-17235	16.4	16
245	Cyaarside (CAs) and 1,3-Diarsaallendiide (AsCAs2) Ligands Coordinated to Uranium and Generated via Activation of the Arsaethynolate Ligand (OCAs) *Angewandte Chemie*, **2019**, 131, 1693-1697	3.6	4
244	Magn-Phases in Anatase Strongly Promote Cocatalyst-Free Photocatalytic Hydrogen Evolution. *ACS Catalysis*, **2019**, 9, 3627-3632	13.1	27
243	Metal-Assisted Opening of Intact P Tetrahedra. *Chemistry - A European Journal*, **2019**, 25, 6300-6305	4.8	12
242	Self-Enhancing H Evolution from TiO Nanostructures under Illumination. *ChemSusChem*, **2019**, 12, 1900-1905	8.5	25
241	A complete series of uranium(iv) complexes with terminal hydrochalcogenido (EH) and chalcogenido (E) ligands E = O, S, Se, Te. *Dalton Transactions*, **2019**, 48, 10853-10864	4.3	11
240	Organometallic Electrochemistry: Redox Catalysis Going the Smart Way. *Organometallics*, **2019**, 38, 1181-1185	3.8	8

239	A Terminal Iron Nitrilimine Complex: Accessing the Terminal Nitride through Diazo N-N Bond Cleavage. *Angewandte Chemie - International Edition*, **2019**, 58, 18547-18551	16.4	17
238	Ein terminaler Nitriliminkomplex des Eisens: Zugang zum terminalen Nitrid durch Spaltung einer Diazo-N-N-Bindung. *Angewandte Chemie*, **2019**, 131, 18719-18723	3.6	4
237	Magn Phases Doped with Pt for Photocatalytic Hydrogen Evolution. *ACS Applied Energy Materials* , **2019**, 2, 8399-8404	6.1	6
236	Cyaarside (CAs) and 1,3-Diarsaallendiide (AsCAs) Ligands Coordinated to Uranium and Generated via Activation of the Arsaethynolate Ligand (OCAs). *Angewandte Chemie - International Edition*, **2019**, 58, 1679-1683	16.4	12
235	Rationalizing Fabrication and Design Toward Highly Efficient and Stable Blue Light-Emitting Electrochemical Cells Based on NHC Copper(I) Complexes. *Advanced Functional Materials*, **2018**, 28, 1707423	15.6	47
234	The Influence of diiminato Ligands on As Activation by Cobalt Complexes. *Angewandte Chemie - International Edition*, **2018**, 57, 8760-8764	16.4	11
233	Enhanced In Vitro Biocompatibility and Water Dispersibility of Magnetite and Cobalt Ferrite Nanoparticles Employed as ROS Formation Enhancer in Radiation Cancer Therapy. *Small*, **2018**, 14, e1704111	11	42
232	Metal versus Ligand Reduction in Ln Complexes of a Mesitylene-Anchored Tris(Aryloxide) Ligand. *Inorganic Chemistry*, **2018**, 57, 2823-2833	5.1	31
231	Pushing Electrons Which Carbene Ligand for Which Application?. *Organometallics*, **2018**, 37, 273-274	3.8	2
230	Arrested disproportionation in trivalent, mononuclear, and non-metallocene complexes of Zr(iii) and Hf(iii). *Chemical Communications*, **2018**, 54, 2052-2055	5.8	10
229	Electrocatalytic HO Reduction with f-Elements: Mechanistic Insight and Overpotential Tuning in a Series of Lanthanide Complexes. *Journal of the American Chemical Society*, **2018**, 140, 2587-2594	16.4	28
228	Synthesis and characterization of an Fe(i) cage complex with high stability towards strong H-acids. *Chemical Communications*, **2018**, 54, 3436-3439	5.8	10
227	Organometallic Chemistry in Europe. *Organometallics*, **2018**, 37, 625-627	3.8	
226	Innentitelbild: Synthesis of an All-Ferric Cuboidal Iron Sulfur Cluster [FeIII4S4(SAr)4] (Angew. Chem. 36/2018). *Angewandte Chemie*, **2018**, 130, 11646-11646	3.6	
225	Synthesis and Reactivity of Low-Valent f-Element Iodide Complexes with Neutral Iminophosphorane Ligands. *Inorganic Chemistry*, **2018**, 57, 9230-9240	5.1	15
224	NOBF-Functionalized Au-FeO Nanoheterodimers for Radiation Therapy: Synergy Effect Due to Simultaneous Reactive Oxygen and Nitrogen Species Formation. *ACS Applied Materials & Interfaces*, **2018**, 10, 17071-17080	9.5	19
223	Metal-Ligand Cooperativity Promoting Sulfur Atom Transfer in Ferrous Complexes and Isolation of a Sulfurmethylenephosphorane Adduct. *Inorganic Chemistry*, **2018**, 57, 11552-11559	5.1	11
222	Intrinsically Activated SrTiO: Photocatalytic H Evolution from Neutral Aqueous Methanol Solution in the Absence of Any Noble Metal Cocatalyst. *ACS Applied Materials & Interfaces*, **2018**, 10, 29532-29542	9.5	32

221	Synthesis of an All-Ferric Cuboidal Iron-Sulfur Cluster [Fe S (SAr)]. *Angewandte Chemie - International Edition*, **2018**, 57, 11594-11597	16.4	19
220	Electrochemically Deposited Nickel Oxide from Molecular Complexes for Efficient Water Oxidation Catalysis. *ChemSusChem*, **2018**, 11, 2752-2757	8.3	11
219	Monomeric Fe(iii) half-sandwich complexes [CpFeX] - synthesis, properties and electronic structure. *Dalton Transactions*, **2018**, 47, 10517-10526	4.3	7
218	The role of uranium-arene bonding in HO reduction catalysis. *Nature Chemistry*, **2018**, 10, 259-267	17.6	51
217	Synthesis of an All-Ferric Cuboidal IronSulfur Cluster [FeIII4S4(SAr)4]. *Angewandte Chemie*, **2018**, 130, 11768-11771	3.6	6
216	Der Einfluss von Diiminato-Liganden auf die As4-Aktivierung durch Cobalt-Komplexe. *Angewandte Chemie*, **2018**, 130, 8896-8900	3.6	4
215	Using Diamagnetic Yttrium and Lanthanum Complexes to Explore Ligand Reduction and C-H Bond Activation in a Tris(aryloxide)mesitylene Ligand System. *Inorganic Chemistry*, **2018**, 57, 12876-12884	5.1	13
214	From an FeP complex to FeP nanoparticles as efficient electrocatalysts for water-splitting. *Chemical Science*, **2018**, 9, 8590-8597	9.4	73
213	Exploring Oxidation State-Dependent Selectivity in Polymerization of Cyclic Esters and Carbonates with Zinc(II) Complexes. *IScience*, **2018**, 7, 120-131	6.1	9
212	Ein Ferrocen-basierter dikationischer FeIV-Carbonylkomplex. *Angewandte Chemie*, **2018**, 130, 14806-14810	3.6	5
211	A Ferrocene-Based Dicationic Iron(IV) Carbonyl Complex. *Angewandte Chemie - International Edition* , **2018**, 57, 14597-14601	16.4	13
210	Molecular and Electronic Structures of Eight-Coordinate Uranium Bipyridine Complexes: A Rare Example of a Bipy Ligand Coordinated to a U Ion. *Inorganic Chemistry*, **2017**, 56, 2792-2800	5.1	12
209	Reactivity studies on [CpFe()]: nitrido-, sulfido- and diselenide iron complexes derived from pseudohalide activation. *Chemical Science*, **2017**, 8, 4108-4122	9.4	18
208	Iodine-Pseudohalogen Ionic Liquid-Based Electrolytes for Quasi-Solid-State Dye-Sensitized Solar Cells. *ACS Applied Materials & Interfaces*, **2017**, 9, 33437-33445	9.5	17
207	Rearrangement of a P Butterfly Complex-The Formation of a Homoleptic Phosphorus-Iron Sandwich Complex. *Angewandte Chemie - International Edition*, **2017**, 56, 7312-7317	16.4	16
206	Synthesis and structural characterization of a highly substituted triazine ring comprising a sterically flexible methylene linker and coordinating substituents. *Tetrahedron Letters*, **2017**, 58, 2715-2719	2	3
205	Spectroscopic and Computational Studies of Spin States of Iron(IV) Nitrido and Imido Complexes. *Inorganic Chemistry*, **2017**, 56, 4752-4769	5.1	36
204	Post-synthetic modification of divalent nickel acetate cubanes with carboxylatesDedicated to Professor Rudi van Eldik on the occasion of his 70th birthday.View all notes. *Journal of Coordination Chemistry*, **2017**, 70, 626-641	1.6	4

203	Nacnac-Cobalt-Mediated P Transformations. *Chemistry - A European Journal*, **2017**, 23, 2716-2721	4.8	30
202	Black Magic in Gray Titania: Noble-Metal-Free Photocatalytic H Evolution from Hydrogenated Anatase. *ChemSusChem*, **2017**, 10, 62-67	8.3	47
201	Formation of a Uranium-Bound 1-Cyaphide (CP) Ligand via Activation and CO Bond Cleavage of Phosphaethynolate (OCP). *Organometallics*, **2017**, 36, 4351-4354	3.8	47
200	Synthesis and characterization of uranium(iv) tetrachloro complexes in bis-pyrazolylpyridine ligand environments. *Dalton Transactions*, **2017**, 46, 13811-13823	4.3	13
199	Protonation of Ferrocene: A Low-Temperature X-ray Diffraction Study of [Cp2FeH](PF6) Reveals an Iron-Bound Hydrido Ligand. *Angewandte Chemie*, **2017**, 129, 13557-13561	3.6	19
198	Protonation of Ferrocene: A Low-Temperature X-ray Diffraction Study of [Cp FeH](PF) Reveals an Iron-Bound Hydrido Ligand. *Angewandte Chemie - International Edition*, **2017**, 56, 13372-13376	16.4	39
197	Transfer Reagent for Bonding Isomers of Iron Complexes. *Journal of the American Chemical Society*, **2017**, 139, 13981-13984	16.4	23
196	Comparisons of lanthanide/actinide +2 ions in a tris(aryloxide)arene coordination environment. *Chemical Science*, **2017**, 8, 7424-7433	9.4	57
195	From a Molecular 2Fe-2Se Precursor to a Highly Efficient Iron Diselenide Electrocatalyst for Overall Water Splitting. *Angewandte Chemie*, **2017**, 129, 10642-10646	3.6	23
194	From a Molecular 2Fe-2Se Precursor to a Highly Efficient Iron Diselenide Electrocatalyst for Overall Water Splitting. *Angewandte Chemie - International Edition*, **2017**, 56, 10506-10510	16.4	117
193	Umwandlung eines P4-Butterfly-Komplexes die Bildung eines homoleptischen Phosphor-Eisen-Sandwich-Komplexes. *Angewandte Chemie*, **2017**, 129, 7418-7423	3.6	4
192	Uranium Tetrakis-Aryloxide Derivatives Supported by Tetraazacyclododecane: Synthesis of Air-Stable, Coordinatively-Unsaturated U(IV) and U(V) Complexes. *Inorganic Chemistry*, **2017**, 56, 3201-3206	5.1	17
191	Configurationally Stable Chiral Dithia-Bridged Hetero[4]helicene Radical Cation: Electronic Structure and Absolute Configuration. *Chemistry - an Asian Journal*, **2017**, 12, 31-35	4.5	18
190	Noble-Metal-Free Photocatalytic Hydrogen Evolution Activity: The Impact of Ball Milling Anatase Nanopowders with TiH. *Advanced Materials*, **2017**, 29, 1604747	24	51
189	Metathesis of a U imido complex: a route to a terminal U sulfide. *Chemical Science*, **2017**, 8, 5319-5328	9.4	18
188	Isolation and structural and electronic characterization of salts of the decamethylferrocene dication. *Science*, **2016**, 353, 678-82	33.3	66
187	Assigning Electronic States in Carbon Nanodots. *Advanced Functional Materials*, **2016**, 26, 7975-7985	15.6	42
186	Noble-Metal-Free Photocatalytic H Generation: Active and Inactive BlackTiO Nanotubes and Synergistic Effects. *Chemistry - A European Journal*, **2016**, 22, 13810-13814	4.8	38

185	Carbon Nanodots: Assigning Electronic States in Carbon Nanodots (Adv. Funct. Mater. 44/2016). *Advanced Functional Materials*, **2016**, 26, 8147-8147	15.6	0
184	TiO2 Nanotubes: Nitrogen-Ion Implantation at Low Dose Provides Noble-Metal-Free Photocatalytic H2-Evolution Activity. *Angewandte Chemie*, **2016**, 128, 3827-3831	3.6	22
183	TiO2 Nanotubes: Nitrogen-Ion Implantation at Low Dose Provides Noble-Metal-Free Photocatalytic H2 -Evolution Activity. *Angewandte Chemie - International Edition*, **2016**, 55, 3763-7	16.4	102
182	Synthesis and reactivity of a terminal uranium(iv) sulfide supported by siloxide ligands. *Chemical Science*, **2016**, 7, 5846-5856	9.4	22
181	Uranium(iv) terminal hydrosulfido and sulfido complexes: insights into the nature of the uranium-sulfur bond. *Chemical Science*, **2016**, 7, 5857-5866	9.4	27
180	Uranium-mediated electrocatalytic dihydrogen production from water. *Nature*, **2016**, 530, 317-21	50.4	116
179	Unique anisotropic optical properties of a highly stable metal-organic framework based on trinuclear iron(iii) secondary building units linked by tetracarboxylic linkers with an anthracene core. *Dalton Transactions*, **2016**, 45, 7244-9	4.3	10
178	Electronic Structure and Magnetic Properties of Dioxo-Bridged Diuranium Complexes with Diamond-Core Structural Motifs: A Relativistic DFT Study. *Inorganic Chemistry*, **2016**, 55, 2870-81	5.1	18
177	[18]Annulene put into a new perspective. *Chemical Communications*, **2016**, 52, 4710-3	5.8	7
176	4-Azidobenzyl ferrocenylcarbamate as an anticancer prodrug activated under reductive conditions. *Journal of Inorganic Biochemistry*, **2016**, 160, 218-24	4.2	12
175	Ein stabiles kristallines Triarylphosphinoxidradikalanion. *Angewandte Chemie*, **2016**, 128, 13795-13799	3.6	12
174	Cationic Two-Coordinate Complexes of Pd(I) and Pt(I) Have Longer Metal-Ligand Bonds Than Their Neutral Counterparts. *CheM*, **2016**, 1, 902-920	16.2	21
173	Der Einfluss des nacnac-Liganden in der Eisen(I)-vermittelten P4-Umwandlung. *Angewandte Chemie*, **2016**, 128, 4412-4416	3.6	28
172	Influence of the nacnac Ligand in Iron(I)-Mediated P4 Transformations. *Angewandte Chemie - International Edition*, **2016**, 55, 4340-4	16.4	55
171	Molecular Spin Crossover in Slow Motion: Light-Induced Spin-State Transitions in Trigonal Prismatic Iron(II) Complexes. *Inorganic Chemistry*, **2016**, 55, 5254-65	5.1	30
170	A Stable Crystalline Triarylphosphine Oxide Radical Anion. *Angewandte Chemie - International Edition*, **2016**, 55, 13597-13601	16.4	22
169	An Editorial About Elemental Analysis. *Organometallics*, **2016**, 35, 3255-3256	3.8	28
168	Reductive disproportionation of nitric oxide mediated by low-valent uranium. *Chemical Communications*, **2016**, 52, 10854-7	5.8	20

167	Reactivity of uranium(iii) with HE (E = S, Se, Te): synthesis of a series of mononuclear and dinuclear uranium(iv) hydrochalcogenido complexes. *Chemical Science*, **2015**, 6, 275-282	9.4	17
166	Reductive cleavage of P4 by iron(I) centres: synthesis and structural characterisation of Fe2(P2)2 complexes with two bridging P2(2-) ligands. *Chemical Communications*, **2015**, 51, 6153-6	5.8	41
165	Dithionite and sulfinate complexes from the reaction of SO2 with decamethylsamarocene. *New Journal of Chemistry*, **2015**, 39, 7589-7594	3.6	12
164	Low-valent iron: an Fe(I) ate compound as a building block for a linear trinuclear Fe cluster. *Chemical Communications*, **2015**, 51, 13890-3	5.8	17
163	Uranium Hydridoborates: Synthesis, Magnetism, and X-ray/Neutron Diffraction Structures. *Inorganic Chemistry*, **2015**, 54, 8022-8	5.1	9
162	Synthesis, Magnetic Properties, and X-ray Spectroscopy of Divalent Cobalt(II) and Nickel(II) Cubanes [MII4(HL2)4(OAc)4]. *European Journal of Inorganic Chemistry*, **2015**, 2015, 1872-1901	2.3	10
161	Coordination-induced spin-state change in manganese(V) complexes: the electronic structure of manganese(V) nitrides. *Inorganic Chemistry*, **2015**, 54, 3562-72	5.1	16
160	Low-Valent Iron Mono-Diazadiene Compounds: Electronic Structure and Catalytic Application. *ACS Catalysis*, **2015**, 5, 6230-6240	13.1	39
159	Electronic Structure and Reactivity of a Well-Defined Mononuclear Complex of Ti(II). *Inorganic Chemistry*, **2015**, 54, 10380-97	5.1	28
158	Cyclo-P□Complexes of Vanadium: Redox Properties and Origin of the □□P NMR Chemical Shift. *Journal of the American Chemical Society*, **2015**, 137, 15247-61	16.4	35
157	A Neutral Tetraphosphacyclobutadiene Ligand in Cobalt(I) Complexes. *Angewandte Chemie*, **2015**, 127, 1266-1270	3.6	33
156	A neutral tetraphosphacyclobutadiene ligand in cobalt(I) complexes. *Angewandte Chemie - International Edition*, **2015**, 54, 1250-4	16.4	50
155	A Low-Valent Iron Imido Heterocubane Cluster: Reversible Electron Transfer and Catalysis of Selective C□ Couplings. *Angewandte Chemie*, **2015**, 127, 13204-13209	3.6	1
154	A Low-Valent Iron Imido Heterocubane Cluster: Reversible Electron Transfer and Catalysis of Selective C-C Couplings. *Angewandte Chemie - International Edition*, **2015**, 54, 13012-7	16.4	7
153	Biomimetic [2Fe-2S] clusters with extensively delocalized mixed-valence iron centers. *Angewandte Chemie - International Edition*, **2015**, 54, 12506-10	16.4	25
152	Stable Co-Catalyst-Free Photocatalytic H2 Evolution From Oxidized Titanium Nitride Nanopowders. *Angewandte Chemie - International Edition*, **2015**, 54, 13385-9	16.4	31
151	Stable Co-Catalyst-Free Photocatalytic H2 Evolution From Oxidized Titanium Nitride Nanopowders. *Angewandte Chemie*, **2015**, 127, 13583-13587	3.6	2
150	Niedervalente Eisen(I)-Amido-Olefinkomplexe als Promotoren von Dehydrierungsreaktionen. *Angewandte Chemie*, **2015**, 127, 5858-5863	3.6	22

149	Biomimetische [2Fe-2S]-Cluster mit stark delokalisierten gemischtvalenten Eisenzentren. *Angewandte Chemie*, **2015**, 127, 12686-12690	3.6	6
148	Reactivity of an All-Ferrous Iron-Nitrogen Heterocubane under Reductive and Oxidative Conditions. *Chemistry - A European Journal*, **2015**, 21, 15797-805	4.8	3
147	Mono- and Dinuclear Neutral and Cationic Iron(II) Compounds Supported by an Amidinato-diolefin Ligand: Characterization and Catalytic Application. *Organometallics*, **2015**, 34, 3079-3089	3.8	18
146	Fe(iv) alkylidenes protonation of Fe(ii) vinyl chelates and a comparative M□ssbauer spectroscopic study. *Chemical Science*, **2015**, 6, 4730-4736	9.4	35
145	Low-valent iron(i) amido olefin complexes as promotors for dehydrogenation reactions. *Angewandte Chemie - International Edition*, **2015**, 54, 5766-71	16.4	52
144	Charge control of the inverse trans-influence. *Chemical Communications*, **2015**, 51, 16671-4	5.8	26
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