

# Joseph W Ziller

## 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.

293  
papers

13,916  
citations

61  
h-index

106  
g-index

301  
ext. papers

14,955  
ext. citations

7  
avg, IF

6.51  
L-index

#	Paper	IF	Citations
293	Cationic Effects on the Net Hydrogen Atom Bond Dissociation Free Energy of High-Valent Manganese Imido Complexes.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	4
292	A 9.2-GHz clock transition in a Lu(II) molecular spin qubit arising from a 3,467-MHz hyperfine interaction.. <i>Nature Chemistry</i> , <b>2022</b> ,	17.6	9
291	Isolation and characterization of a californium metallocene. <i>Nature</i> , <b>2021</b> , 599, 421-424	50.4	1
290	Cooperative dinitrogen capture by a diboraanthracene/samarocene pair. <i>Dalton Transactions</i> , <b>2021</b> , 50, 15000-15002	4.3	1
289	Reductive Reactivity of the 4f5d Gd(II) Ion in {Gd[N(SiMe)}: Structural Characterization of Products of Coupling, Bond Cleavage, Insertion, and Radical Reactions. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 15635-15645	5.1	1
288	Exploring Ligand-Centered Hydride and H-Atom Transfer. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 5367-5375	5.1	1
287	Strong Ferromagnetic Exchange Coupling and Single-Molecule Magnetism in MoS-Bridged Dilanthanide Complexes. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 8465-8475	16.4	9
286	Inhibiting the Hydrogen Evolution Reaction (HER) with Proximal Cations: A Strategy for Promoting Selective Electrocatalytic Reduction. <i>ACS Catalysis</i> , <b>2021</b> , 11, 8155-8164	13.1	6
285	Crystallographic characterization of rare-earth cyano-tri-phenyl-borate complexes and the cyano-borates [NCBPh], [NCBPhMe], and [NCBPh(EO)BPh]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2021</b> , 77, 799-803	0.7	
284	Structural variations in cyclopentadienyl uranium(III) iodide complexes. <i>Journal of Coordination Chemistry</i> , <b>2021</b> , 74, 74-91	1.6	1
283	Stepwise assembly of heterobimetallic complexes: synthesis, structure, and physical properties. <i>Dalton Transactions</i> , <b>2021</b> , 50, 8111-8119	4.3	0
282	An aza-Diels-Alder approach to chlorinated quinolines, benzoquinolines, and polybenzoquinolines.. <i>RSC Advances</i> , <b>2021</b> , 11, 13722-13730	3.7	
281	Metal-Ion Influence on Ligand-Centered Hydrogen-Atom Transfer. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 1579-1589	5.89	7
280	Synthesis of a 2-Isocyanophenolate Ligand, (2-CNC6H4O)1□by Ring-Opening of Benzoxazole with Rare-Earth Metal Complexes. <i>Organometallics</i> , <b>2021</b> , 40, 735-741	3.8	1
279	Crystal structure of 2-(2,6-diiso-propyl-phen-yl)-, -diethyl-3,3-dimethyl-2-aza-spiro-[4.5]decan-1-amine: a di-ethyl-amine adduct of a cyclic(alk-yl)(amino)-carbene (CAAC). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2021</b> , 77, 803-806	0.7	
278	Optimizing Alkali Metal (M) and Chelate (L) Combinations for the Synthesis and Stability of [M(L)][(C5H4SiMe3)3Y] Yttrium(II) Complexes. <i>Organometallics</i> , <b>2021</b> , 40, 3170-3176	3.8	1
277	C-H Bond Cleavage by Bioinspired Nonheme Metal Complexes. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 13759-13783	9.1	7

276	Synthesis of Ba(II) analogs of Ln(II)-in-(2.2.2-cryptand) and layered hexagonal net Ln(II) complexes, [(THF)Cs(μ <sub>3</sub> -B:BB:5H <sub>4</sub> SiMe <sub>3</sub> ) <sub>3</sub> Ln(II)] <sub>n</sub> . <i>Polyhedron</i> , <b>2021</b> , 210, 115493	2.7	0
275	Synthesis and redox properties of heterobimetallic Re(bpyCrown-M)(CO) <sub>3</sub> Cl complexes, where M = Na <sup>+</sup> , K <sup>+</sup> , Ca <sup>2+</sup> , and Ba <sup>2+</sup> . <i>Polyhedron</i> , <b>2021</b> , 208, 115385	2.7	1
274	Electrochemical studies of tris(cyclopentadienyl)thorium and uranium complexes in the +2, +3, and +4 oxidation states. <i>Chemical Science</i> , <b>2021</b> , 12, 8501-8511	9.4	3
273	Formation of the End-on Bound Lanthanide Dinitrogen Complexes [(RN)Ln-N <sub>2</sub> -Ln(NR)] from Divalent [(RN)Ln] Salts (R = SiMe). <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 9302-9313	16.4	6
272	Synthesis of Ln(II)-in-Cryptand Complexes by Chemical Reduction of Ln(III)-in-Cryptand Precursors: Isolation of a Nd(II)-in-Cryptand Complex. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 16275-16280	3.6	1
271	A Room-Temperature Stable Y(II) Aryloxide: Using Steric Saturation to Kinetically Stabilize Y(II) Complexes. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 3207-3214	5.1	11
270	Reductive cleavage of ,'-di- <i>n</i> -butyl-carbodi-imide generates <i>n</i> -butyl-cyanamide ligands, (MeCNCN), that bind potassium both end-on and side-on in the same single crystal. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 1047-1050	0.7	
269	Crystal structure of the [(THF)Cs(μ <sub>3</sub> Cp')Yb] oligomer. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 1131-1135	0.7	0
268	Synthesis and crystallographic characterization of di-phenyl-amide rare-earth metal complexes (NPh)(THF) and [(PhN)(ENPh)]. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2020</b> , 76, 1447-1453	0.7	
267	The importance of the counter-cation in reductive rare-earth metal chemistry: 18-crown-6 instead of 2,2,2-cryptand allows isolation of [Y(NR)] and ynediolate and enediolate complexes from CO reactions. <i>Chemical Science</i> , <b>2020</b> , 11, 2006-2014	9.4	20
266	2.2.2-Cryptand as a bidentate ligand in rare-earth metal chemistry. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 4445-4451	6.8	2
265	Stabilization of U(III) to Oxidation and Hydrolysis by Encapsulation Using 2.2.2-Cryptand. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 17077-17083	5.1	1
264	C≡C Bond Activation via U(II) in the Reduction of Heteroleptic Bis(trimethylsilyl)amide U(III) Complexes. <i>Organometallics</i> , <b>2020</b> , 39, 3425-3432	3.8	4
263	Pyrocinchonimides Conjugate to Amine Groups on Proteins via Imide Transfer. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 1449-1462	6.3	4
262	Synthesis of Ln -in-Cryptand Complexes by Chemical Reduction of Ln -in-Cryptand Precursors: Isolation of a Nd -in-Cryptand Complex. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 16141-16146	16.4	9
261	Installation of internal electric fields by non-redox active cations in transition metal complexes. <i>Chemical Science</i> , <b>2019</b> , 10, 10135-10142	9.4	29
260	Isolation of U(II) compounds using strong donor ligands, CMeH and N(SiMe), including a three-coordinate U(II) complex. <i>Chemical Communications</i> , <b>2019</b> , 55, 2325-2327	5.8	23
259	Regulating the Basicity of Metal-Oxido Complexes with a Single Hydrogen Bond and Its Effect on C-H Bond Cleavage. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 11142-11150	16.4	21

258	Stabilizing a Ni-aqua complex via intramolecular hydrogen bonds: synthesis, structure, and redox properties. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 495, 118960-118960	2.7	
257	Rare-earth complexes of the asymmetric amide ligands, N(SiMe <sub>3</sub> )Ph and N(SiMe <sub>3</sub> )Cy. <i>Polyhedron</i> , <b>2019</b> , 168, 72-79	2.7	0
256	tert-Butyl(cyclopentadienyl) Ligands Will Stabilize Nontraditional +2 Rare-Earth Metal Ions. <i>Organometallics</i> , <b>2019</b> , 38, 1151-1158	3.8	14
255	Influence of One Specific Carbon-Carbon Bond on the Quality, Stability, and Photovoltaic Performance of Hybrid Organic-Inorganic Bismuth Iodide Materials. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 1579-1587	6.1	4
254	Mechanochemical C-H bond activation: Synthesis of the tuckover hydrides, (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Ln(EH)(H <sub>2</sub> C=CH-CH <sub>2</sub> C <sub>5</sub> Me <sub>4</sub> )Ln(C <sub>5</sub> Me <sub>5</sub> ) from solvent-free reactions of (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Ln(EPh) <sub>2</sub> BPh <sub>2</sub> with KC <sub>5</sub> Me <sub>5</sub> . <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 899, 120885	2.3	4
253	Facile Encapsulation of Ln(II) Ions into Cryptate Complexes from LnI(THF) Precursors (Ln = Sm, Eu, Yb). <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 9613-9617	5.1	11
252	Isolation of a Square-Planar Th(III) Complex: Synthesis and Structure of [Th(OCHBu-2,6-Me-4)]. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 12458-12463	16.4	23
251	Crystal structure of NiFe(CO)[tris(pyridyl-methyl)aza-phosphatrane]: a synthetic mimic of the NiFe hydrogenase active site incorporating a pendant pyridine base. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 438-442	0.7	3
250	In search of tris(trimethylsilylcyclopentadienyl) thorium. <i>Dalton Transactions</i> , <b>2019</b> , 48, 16633-16640	4.3	9
249	Relative and Absolute Structure Assignments of Alkenes Using Crystalline Osmate Derivatives for X-ray Analysis. <i>Organic Letters</i> , <b>2019</b> , 21, 10125-10129	6.2	3
248	Synthesis and Reduction of Bimetallic Methyl-Bridged Rare-Earth Metal Complexes, [(CHSiMe)Ln(ECH)] (Ln = Y, Tb, Dy). <i>ACS Omega</i> , <b>2019</b> , 4, 398-402	3.9	3
247	Trimethylsilyl versus Bis(trimethylsilyl) Substitution in Tris(cyclopentadienyl) Complexes of La, Ce, and Pr: Comparison of Structure, Magnetic Properties, and Reactivity. <i>Organometallics</i> , <b>2018</b> , 37, 900-905	3.8	32
246	Synthesis, Structure, and Magnetism of Tris(amide) [Ln{N(SiMe <sub>3</sub> ) <sub>2</sub> }] Complexes of the Non-traditional +2 Lanthanide Ions. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 7702-7709	4.8	50
245	Metal versus Ligand Reduction in Ln Complexes of a Mesitylene-Anchored Tris(Aryloxi) Ligand. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 2823-2833	5.1	31
244	Utility of Lithium in Rare-Earth Metal Reduction Reactions to Form Nontraditional Ln Complexes and Unusual [Li(2.2.2-cryptand)] Cations. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 2096-2102	5.1	15
243	Intramolecular hydrogen-bonding in a cobalt aqua complex and electrochemical water oxidation activity. <i>Chemical Science</i> , <b>2018</b> , 9, 2750-2755	9.4	21
242	Electrocatalytic HO <sub>2</sub> Reduction with f-Elements: Mechanistic Insight and Overpotential Tuning in a Series of Lanthanide Complexes. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 2587-2594	16.4	28
241	Thorium Metallocene Cation Chemistry: Synthesis and Characterization of the Bent [(C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Th(C <sub>6</sub> H <sub>5</sub> )(THF)][BPh <sub>4</sub> ] and the Parallel Ring [(C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Th(NCR) <sub>5</sub> ][BPh <sub>4</sub> ] <sub>2</sub> (R = Me, Ph) Complexes. <i>Organometallics</i> , <b>2018</b> , 37, 454-458	3.8	9

240	Incorporation of redox-inactive cations promotes iron catalyzed aerobic C-H oxidation at mild potentials. <i>Chemical Science</i> , <b>2018</b> , 9, 2567-2574	9.4	52
239	Synthesis and Explosion Hazards of 4-Azido-L-phenylalanine. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 4525-4536	4.5	15
238	NH and (NH) as ligands in yttrium metallocene chemistry. <i>Dalton Transactions</i> , <b>2018</b> , 47, 5098-5101	4.3	2
237	Three oxidation states of the bis(3,5-di-tert-butyl-2-phenolato)azanido pincer ligand on chromium(III). <i>Polyhedron</i> , <b>2018</b> , 143, 111-117	2.7	10
236	Synthesis of uranium-in-cryptand complexes. <i>Chemical Communications</i> , <b>2018</b> , 54, 10272-10275	5.8	12
235	Isolation of reactive Ln(II) complexes with CHMe ligands (Cp) using inverse sandwich counteranions: synthesis and structure of [(18-crown-6)K(⌊Cp)K(18-crown-6)]⌊CpLn] (Ln = Tb, Ho). <i>Dalton Transactions</i> , <b>2018</b> , 47, 17285-17290	4.3	16
234	Structure, Magnetism, and Multi-electron Reduction Reactivity of the Inverse Sandwich Reduced Arene La <sup>2+</sup> Complex ⌊⌊C5H3(SiMe3)2⌋2La⌋2(⌊B-B-C6H6⌋)1⌋. <i>Organometallics</i> , <b>2018</b> , 37, 3322-3331	3.8	12
233	Using Diamagnetic Yttrium and Lanthanum Complexes to Explore Ligand Reduction and C-H Bond Activation in a Tris(aryloxy)mesitylene Ligand System. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 12876-12884	5.1	13
232	Manganese-Hydroxido Complexes Supported by a Urea/Phosphinic Amide Tripodal Ligand. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 13341-13350	5.1	6
231	Tetramethylcyclopentadienyl Ligands Allow Isolation of Ln(II) Ions across the Lanthanide Series in ⌊K(2.2.2-cryptand)⌋⌊⌊C5Me4H⌋3Ln⌋ Complexes. <i>Organometallics</i> , <b>2018</b> , 37, 3863-3873	3.8	34
230	Chelate-Free Synthesis of the U(II) Complex, ⌊⌊CH(SiMe)⌋U⌋, Using Li and Cs Reductants and Comparative Studies of La(II) and Ce(II) Analogs. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 11809-11814	5.1	28
229	Adaptable ligand donor strength: tracking transannular bond interactions in tris(2-pyridylmethyl)-azaphosphatrane (TPAP). <i>Dalton Transactions</i> , <b>2018</b> , 47, 14101-14110	4.3	11
228	Rare-Earth Metal(II) Aryloxides: Structure, Synthesis, and EPR Spectroscopy of ⌊K(2.2.2-cryptand)⌋⌊Sc(OC H tBu -2,6-Me-4)⌋. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 18059-18067	4.8	19
227	Reactivity of Ln(II) Complexes Supported by (C5H4Me)1⌋Ligands with THF and PhSiH3: Isolation of Ring-Opened, Bridging Alkoxyalkyl, Hydride, and Silyl Products. <i>Organometallics</i> , <b>2018</b> , 37, 3055-3063	3.8	18
226	Mononuclear complexes of a tridentate redox-active ligand with sulfonamido groups: structure, properties, and reactivity. <i>Chemical Science</i> , <b>2018</b> , 9, 6540-6547	9.4	5
225	Hydrogen-Atom Noninnocence of a Tridentate [SNS] Pincer Ligand. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 9728-9737	5.7	22
224	Solution Synthesis, Structure, and CO Reduction Reactivity of a Scandium(II) Complex, {Sc[N(SiMe ) ] }. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 2050-2053	16.4	61
223	Modulating the Primary and Secondary Coordination Spheres within a Series of Co-OH Complexes. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 1112-1120	5.1	11

222	Synthesis, Structure, and Reactivity of the Sterically Crowded Th Complex (CMe)Th Including Formation of the Thorium Carbonyl, [(CMe)Th(CO)][BPh]. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 3387-3398	16.4	33
221	Redox Potential and Electronic Structure Effects of Proximal Nonredox Active Cations in Cobalt Schiff Base Complexes. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 3713-3718	5.1	52
220	Investigation into the Effects of a Trigonal-Planar Ligand Field on the Electronic Properties of Lanthanide(II) Tris(silylamide) Complexes (Ln = Sm, Eu, Tm, Yb). <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 5959-5970	5.1	34
219	Terminal Ni-OH/-OH complexes in trigonal bipyramidal geometries derived from HO. <i>Polyhedron</i> , <b>2017</b> , 125, 179-185	2.7	6
218	Reactivity of Complexes of 4fn5d1 and 4fn+1Ln2+ Ions with Cyclooctatetraene. <i>Organometallics</i> , <b>2017</b> , 36, 3721-3728	3.8	11
217	End-On Bridging Dinitrogen Complex of Scandium. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 14861-14864	16.4	27
216	Trimethylsilylcyclopentadienyl (Cp?) Uranium Chemistry: Synthetic and Structural Studies of Cp?4U and Cp?3UX (X = Cl, I, Me). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2017</b> , 643, 2011-2018	1.3	8
215	Small-Scale Metal-Based Syntheses of Lanthanide Iodide, Amide, and Cyclopentadienyl Complexes as Analogues for Transuranic Reactions. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 11981-11989	5.1	17
214	Comparisons of lanthanide/actinide +2 ions in a tris(aryloxy)arene coordination environment. <i>Chemical Science</i> , <b>2017</b> , 8, 7424-7433	9.4	57
213	Tris(pentamethylcyclopentadienyl) Complexes of Late Lanthanides Tb, Dy, Ho, and Er: Solution and Mechanochemical Syntheses and Structural Comparisons. <i>Organometallics</i> , <b>2017</b> , 36, 4558-4563	3.8	17
212	Solution Synthesis, Structure, and CO2 Reduction Reactivity of a Scandium(II) Complex, {Sc[N(SiMe3)2]3}. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 2082-2085	3.6	16
211	Slow Magnetic Relaxation in a Dysprosium Ammonia Metallocene Complex. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 15049-15056	5.1	23
210	Models for Unsymmetrical Active Sites in Metalloproteins: Structural, Redox, and Magnetic Properties of Bimetallic Complexes with M-(EOH)-Fe Cores. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 14118-14128	5.1	12
209	Synthesis of rare-earth-metal-in-cryptand dications, [Ln(2.2.2-cryptand)], from Sm, Eu, and Yb silyl metallocenes (CHSiMe)Ln(THF). <i>Chemical Communications</i> , <b>2017</b> , 53, 8664-8666	5.8	21
208	Heterobimetallic and Heterotrimetallic Clusters Containing a Redox-Active Metalloligand. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 5571-5575	2.3	14
207	A Heterobimetallic W-Ni Complex Containing a Redox-Active W[SNS]2 Metalloligand. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 6794-8	5.1	24
206	Bimetallic iron-iron and iron-zinc complexes of the redox-active ONO pincer ligand. <i>Chemical Science</i> , <b>2016</b> , 7, 1594-1599	9.4	22
205	Electronic and steric Tolman parameters for proazaphosphatranes, the superbase core of the tri(pyridylmethyl)azaphosphatrane (TPAP) ligand. <i>Dalton Transactions</i> , <b>2016</b> , 45, 9853-9	4.3	24

204	Synthetic Utility of Tetrabutylammonium Salts in Uranium Metallocene Chemistry. <i>Organometallics</i> , <b>2016</b> , 35, 520-527	3.8	7
203	Expanding Thorium Hydride Chemistry Through Th <sup>III</sup> +, Including the Synthesis of a Mixed-Valent Th <sup>III</sup> /Th <sup>IV</sup> Hydride Complex. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 4036-45	16.4	40
202	Raman spectroscopy of the N-N bond in rare earth dinitrogen complexes. <i>Dalton Transactions</i> , <b>2016</b> , 45, 14634-44	4.3	18
201	Near-IR absorbing donor-acceptor ligand-to-ligand charge-transfer complexes of nickel(II). <i>Chemical Science</i> , <b>2016</b> , 7, 1807-1814	9.4	39
200	An Aza-Diels-Alder Approach to Crowded Benzoquinolines. <i>Organic Letters</i> , <b>2016</b> , 18, 156-9	6.2	15
199	Expanding the Chemistry of Molecular U(2+) Complexes: Synthesis, Characterization, and Reactivity of the {[C <sub>5</sub> H <sub>3</sub> (SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> U}(-) Anion. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 772-82	4.8	58
198	Physicochemical Properties of Near-Linear Lanthanide(II) Bis(silylamide) Complexes (Ln = Sm, Eu, Tm, Yb). <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 10057-10067	5.1	54
197	Copper tetradentate N <sub>2</sub> Py <sub>2</sub> complexes with pendant bases in the secondary coordination sphere: improved ligand synthesis and protonation studies. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 1990-2002	1.6	4
196	Synthesis of polyquinolines via an AA/BB-type aza-Diels-Alder polymerization reaction. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 4060-4066	7.1	8
195	Modeling, Synthesis, and Biological Evaluation of Potential Retinoid X Receptor (RXR)-Selective Agonists: Analogues of 4-[1-(3,5,5,8,8-Pentamethyl-5,6,7,8-tetrahydro-2-naphthyl)ethynyl]benzoic Acid (Bexarotene) and 6-(Ethyl(5,5,8,8-tetrahydronaphthalen-2-yl)amino)nicotinic Acid (NET-TMN). <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 8924-8940	8.3	12
194	Ligand Effects in the Synthesis of Ln <sup>2+</sup> Complexes by Reduction of Tris(cyclopentadienyl) Precursors Including C≡C Bond Activation of an Indenyl Anion. <i>Organometallics</i> , <b>2015</b> , 34, 3909-3921	3.8	36
193	Dinitrogen Reduction, Sulfur Reduction, and Isoprene Polymerization via Photochemical Activation of Trivalent Bis(cyclopentadienyl) Rare-Earth-Metal Allyl Complexes. <i>Organometallics</i> , <b>2015</b> , 34, 4387-4393	3.8	21
192	Sulfonamido tripods: tuning redox potentials via ligand modifications. <i>Polyhedron</i> , <b>2015</b> , 85, 777-782	2.7	11
191	Synthesis of Air-Stable, Volatile Uranium(IV) and (VI) Compounds and Their Gas-Phase Conversion To Uranium Oxide Films. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 2237-2241	3.6	5
190	Synthesis of Polybenzoquinolines as Precursors for Nitrogen-Doped Graphene Nanoribbons. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 5981-5985	3.6	8
189	Hafnium(IV) chloride complexes with chelating β-ketiminato ligands: Synthesis, spectroscopic characterization and volatility study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 148, 223-31	4.4	
188	Synthesis, Structure, and Reactivity of the Ethyl Yttrium Metallocene, (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Y(CH <sub>2</sub> CH <sub>3</sub> ), Including Activation of Methane. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 14716-25	16.4	22
187	Isolation of +2 rare earth metal ions with three anionic carbocyclic rings: bimetallic bis(cyclopentadienyl) reduced arene complexes of La and Ce are four electron reductants. <i>Chemical Science</i> , <b>2015</b> , 6, 7267-7273	9.4	27

186	Structural, spectroscopic, and theoretical comparison of traditional vs recently discovered Ln(2+) ions in the [K(2.2.2-cryptand)][(C5H4SiMe3)3Ln] complexes: the variable nature of Dy(2+) and Nd(2+). <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 369-82	16.4	146
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184	Synthesis and Structure of Bis- and Tris-Benzyl Bismuth Complexes. <i>Organometallics</i> , <b>2015</b> , 34, 395-397	3.8	8
183	Reactivity of the Ln2+ Complexes [K(2.2.2-cryptand)][(C5H4SiMe3)3Ln]: Reduction of Naphthalene and Biphenyl. <i>Organometallics</i> , <b>2015</b> , 34, 2287-2295	3.8	28
182	Influence of Reactant 4-Aminobenzonitrile Inclusion on the Crystal Structure of (Z)-4-(4-oxopent-2-en-2-ylamino)benzonitrile. <i>Journal of Chemical Crystallography</i> , <b>2014</b> , 44, 82-88	0.5	1
181	Metal effects on ligand non-innocence in Group 5 complexes of the redox-active [ONO] pincer ligand. <i>Dalton Transactions</i> , <b>2014</b> , 43, 17991-8000	4.3	29
180	Differentiating Chemically Similar Lewis Acid Sites in Heterobimetallic Complexes: The Rare-Earth Bridged Hydride (C5Me5)2Ln(H)2Ln'(C5Me5)2 and Tuckover Hydride (C5Me5)2Ln(H)(H)B-CH2C5Me4Ln'(C5Me5) Systems. <i>Organometallics</i> , <b>2014</b> , 33, 3882-3890	3.8	11
179	A half-sandwich organometallic single-ion magnet with hexamethylbenzene coordinated to the Dy(III) ion. <i>Chemical Communications</i> , <b>2014</b> , 50, 11418-20	5.8	44
178	Reactivity of organothorium complexes with TEMPO. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 8455-63	5.1	18
177	Solvent-Free Organometallic Reactivity: Synthesis of Hydride and Carboxylate Complexes of Uranium and Yttrium from Gas/Solid Reactions. <i>Organometallics</i> , <b>2014</b> , 33, 433-436	3.8	19
176	Influence of an inner-sphere K+ ion on the magnetic behavior of N2(3-) radical-bridged dilanthanide complexes isolated using an external magnetic field. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 3099-107	5.1	76
175	Synthesis and characterization of a redox-active bis(thiophenolato)amide ligand, [SNS]3-, and the homoleptic tungsten complexes, W[SNS]2 and W[ONO]2. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 2110-8	5.1	38
174	Reactivity of U3+ Metallocene Allyl Complexes Leads to a Nanometer-Sized Uranium Carbonate, [(C5Me5)2U]6(H)2-CO3)6. <i>Organometallics</i> , <b>2013</b> , 32, 4820-4827	3.8	15
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172	Actinide Metallocene Hydride Chemistry: C-H Activation in Tetramethylcyclopentadienyl Ligands to Form [H-C5Me3H(CH2-C)2]Tuck-over Ligands in a Tetrathorium Octahydride Complex. <i>Organometallics</i> , <b>2013</b> , 32, 6522-6531	3.8	49
171	Unsymmetrical bimetallic complexes with M(II)-(EOH)-M(III) cores (M(II)M(III) = Fe(II)Fe(III), Mn(II)Fe(III), Mn(II)Mn(III)): structural, magnetic, and redox properties. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 10229-31	5.1	28
170	Direct observation of a cationic ruthenium complex for ethylene insertion polymerization. <i>Chemical Science</i> , <b>2013</b> , 4, 2902	9.4	3
169	Heterobimetallic Complexes with M-(OH)-M Cores (M = Fe, Mn, Ga; M = Ca, Sr, and Ba): Structural, Kinetic, and Redox Properties. <i>Chemical Science</i> , <b>2013</b> , 4, 717-726	9.4	76



168	Dinitrogen reduction via photochemical activation of heteroleptic tris(cyclopentadienyl) rare-earth complexes. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 3804-7	16.4	25
167	Preparation and Structural Properties of In-H Complexes. <i>Polyhedron</i> , <b>2013</b> , 58, 65-70	2.7	7
166	Disulfide reductive elimination from an iron(III) complex. <i>Chemical Science</i> , <b>2013</b> , 4, 1906	9.4	51
165	Completing the series of +2 ions for the lanthanide elements: synthesis of molecular complexes of Pr <sup>2+</sup> , Gd <sup>2+</sup> , Tb <sup>2+</sup> , and Lu <sup>2+</sup> . <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 9857-68	16.4	234
164	Insertion of CO <sub>2</sub> and COS into Bi-C bonds: reactivity of a bismuth NCN pincer complex of an oxyaryl dianionic ligand, [2,6-(Me <sub>2</sub> NCH <sub>2</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ]Bi(C <sub>6</sub> H <sub>2</sub> (t)Bu <sub>2</sub> O). <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 7777-87	16.4	44
163	Synthetic Aspects of (C <sub>5</sub> H <sub>4</sub> SiMe <sub>3</sub> ) <sub>3</sub> Ln Rare-Earth Chemistry: Formation of (C <sub>5</sub> H <sub>4</sub> SiMe <sub>3</sub> ) <sub>3</sub> Lu via [(C <sub>5</sub> H <sub>4</sub> SiMe <sub>3</sub> ) <sub>2</sub> Ln] <sup>+</sup> Metallocene Precursors. <i>Organometallics</i> , <b>2013</b> , 32, 2625-2631	3.8	28
162	Density functional theory and X-ray analysis of the structural variability in $\eta^5, \eta^5, \eta^1$ -tris(ring) rare earth/actinide tetramethylpyrrolyl complexes, (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> M(NC <sub>4</sub> Me <sub>4</sub> ). <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 3565-72	5.1	8
161	Expanding rare-earth oxidation state chemistry to molecular complexes of holmium(II) and erbium(II). <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 8420-3	16.4	149
160	Reactivity of the Y <sup>3+</sup> Tuck-Over Hydride Complex, (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Y(H)(C <sub>2</sub> H <sub>2</sub> C <sub>5</sub> Me <sub>4</sub> )Y(C <sub>5</sub> Me <sub>5</sub> ). <i>Organometallics</i> , <b>2012</b> , 31, 5591-5598	3.8	14
159	Synthesis and CO <sub>2</sub> Insertion Reactivity of Allyluranium Metallocene Complexes. <i>Organometallics</i> , <b>2012</b> , 31, 7191-7197	3.8	31
158	Expanding yttrium bis(trimethylsilylamide) chemistry through the reaction chemistry of (N <sub>2</sub> ) <sup>2-</sup> , (N <sub>2</sub> ) <sup>3-</sup> , and (NO) <sup>2-</sup> complexes. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 11168-76	5.1	15
157	Self-Healing Supramolecular Block Copolymers. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 10713-10717	3.6	47
156	Isolation of (CO) <sup>1-</sup> and (CO <sub>2</sub> ) <sup>1-</sup> radical complexes of rare earths via Ln(NR <sub>2</sub> ) <sub>3</sub> /K reduction and [K <sub>2</sub> (18-crown-6)] <sup>2+</sup> oligomerization. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 6064-7	16.4	42
155	Ligand Influence on the Redox Chemistry of Organosamarium Complexes: Experimental and Theoretical Studies of the Reactions of (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Sm(THF) <sub>2</sub> and (C <sub>4</sub> Me <sub>4</sub> P) <sub>2</sub> Sm with Pyridine and Acridine. <i>Organometallics</i> , <b>2012</b> , 31, 5196-5203	3.8	43
154	Synthesis, Characterization and Crystal Structure of (Z)-3-(4-Chlorophenylamino)-1-Phenylbut-2-En-1-One. <i>Journal of Chemical Crystallography</i> , <b>2012</b> , 42, 543-548	0.5	1
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152	Facile bismuth-oxygen bond cleavage, C-H activation, and formation of a monodentate carbon-bound oxyaryl dianion, (C≡C(t)Bu) <sub>2</sub> Bi(μ <sub>2</sub> -O-4)P. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 5244-7	16.4	74
151	Synthesis of the (N <sub>2</sub> ) <sup>3-</sup> radical from Y <sup>2+</sup> and its protonolysis reactivity to form (N <sub>2</sub> H <sub>2</sub> ) <sup>2-</sup> via the Y[N(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> /K <sup>+</sup> reduction system. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 3784-7	16.4	63

150	Synthesis of a crystalline molecular complex of Y <sup>2+</sup> , [(18-crown-6)K][(C <sub>5</sub> H <sub>4</sub> SiMe <sub>3</sub> ) <sub>3</sub> Y]. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 15914-7	16.4	124
149	Tris(polyalkylcyclopentadienyl) Complexes: The Elusive [( $\eta$ -C <sub>5</sub> R <sub>5</sub> ) <sub>2</sub> M( $\eta$ -C <sub>5</sub> R <sub>5</sub> )] Structure and Trihapto Cyclopentadienyl Coordination Involving a Methyl Substituent. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 535-538	3.6	2
148	Tris(polyalkylcyclopentadienyl) complexes: the elusive [( $\eta$ -C <sub>5</sub> R <sub>5</sub> ) <sub>2</sub> M( $\eta$ -C <sub>5</sub> R <sub>5</sub> )] structure and trihapto cyclopentadienyl coordination involving a methyl substituent. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 515-8	16.4	14
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145	Synthesis and Insertion Chemistry of a Cyclooctatetraenyl Uranium Tuck-in Metallocene, ( $\eta$ -C <sub>8</sub> H <sub>8</sub> )( $\eta$ -C <sub>5</sub> Me <sub>4</sub> CH <sub>2</sub> )U. <i>Organometallics</i> , <b>2011</b> , 30, 458-465	3.8	30
144	Isolation of a radical dianion of nitrogen oxide (NO) <sup>(2-)</sup> . <i>Nature Chemistry</i> , <b>2010</b> , 2, 644-7	17.6	57
143	Synthesis, structure, and density functional theory analysis of a scandium dinitrogen complex, [(C(5)Me(4)H)(2)Sc](2)( $\mu$ - $\eta$ (2): $\eta$ (2)-N(2)). <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 11151-8	16.4	54
142	Synthesis and reactivity of bis(tetramethylcyclopentadienyl) yttrium metallocenes including the reduction of Me(3)SiN(3) to [(Me(3)Si)(2)N] <sup>(-)</sup> with [(C(5)Me(4)H)(2)Y(THF)](2)( $\mu$ - $\eta$ (2): $\eta$ (2)-N(2)). <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 6655-63	5.1	40
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140	Reactivity of Methyl Groups in Actinide Metallocene Amidinate and Triazenido Complexes with Silver and Copper Salts. <i>Organometallics</i> , <b>2010</b> , 29, 101-107	3.8	42
139	Utility of the 1,3,4,6,7,8-Hexahydro-2H-pyrimido[1,2-a]pyrimidinato Ligand, (hpp) $\eta$ in Stabilizing Uranium Metallocene Mono-Alkyl and Tuck-in Complexes. <i>Organometallics</i> , <b>2010</b> , 29, 2104-2110	3.8	27
138	Formation of a [ONN(allyl)O] $\eta$ Anion via NO Insertion and Coupling Using Yttrium and Lanthanide Allyl Metallocenes <i>Organometallics</i> , <b>2010</b> , 29, 5209-5214	3.8	18
137	Reduction of dinitrogen with an yttrium metallocene hydride precursor, [(C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> YH] <sub>2</sub> . <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 10506-11	5.1	40
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135	Reactivity of Tuck-in and Tuck-over Uranium Metallocene Complexes. <i>Organometallics</i> , <b>2010</b> , 29, 4159-4170	3.8	28
134	Insertion Reactivity of CO <sub>2</sub> , PhNCO, Me <sub>3</sub> CC $\equiv$ N, and Me <sub>3</sub> CN $\equiv$ C with the Uranium-Alkynyl Bonds in (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> U(C $\equiv$ CPh) <sub>2</sub> . <i>Organometallics</i> , <b>2010</b> , 29, 945-950	3.8	56
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130	Synthesis of heteroleptic uranium ( $\mu$ - $\eta$ (6): $\eta$ (6)-C <sub>6</sub> H <sub>6</sub> ) <sub>2</sub> - sandwich complexes via facile displacement of ( $\eta$ (5)-C <sub>5</sub> Me <sub>5</sub> ) <sub>1</sub> - by ligands of lower hapticity and their conversion to heteroleptic bis(imido) compounds. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 17473-81	16.4	101
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128	Isolation of dysprosium and yttrium complexes of a three-electron reduction product in the activation of dinitrogen, the (N <sub>2</sub> ) <sub>3</sub> - radical. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 11195-202	16.4	99
127	Synthesis of (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> (C <sub>5</sub> Me <sub>4</sub> H)UMe, (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> (C <sub>5</sub> H <sub>5</sub> )UMe, and (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> UMe[CH(SiMe <sub>3</sub> ) <sub>2</sub> ] from cationic metallocenes for the evaluation of sterically induced reduction. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 10169-76	5.1	23
126	Four-electron oxidative formation of aryl diazenes using a tantalum redox-active ligand complex. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 4715-8	16.4	139
125	Actinide Hydride Complexes as Multielectron Reductants: Analogous Reduction Chemistry from [(C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> UH] <sub>2</sub> , [(C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> UH <sub>2</sub> ] <sub>2</sub> , and [(C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> ThH <sub>2</sub> ] <sub>2</sub> . <i>Organometallics</i> , <b>2007</b> , 26, 3568-3576	3.8	98
124	Reactivity of (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Sm(THF) <sub>2</sub> with Nitriles: C≡N Bond Cleavage To Form Cyanide Complexes. <i>Organometallics</i> , <b>2007</b> , 26, 2904-2910	3.8	29
123	Facile Insertion of CO <sub>2</sub> into Tetra- and Pentamethylcyclopentadienyl Lanthanide Moieties To Form (C <sub>5</sub> Me <sub>4</sub> RCO <sub>2</sub> )- Carboxylate Ligands (R = H, Me). <i>Organometallics</i> , <b>2007</b> , 26, 4737-4745	3.8	33
122	Synthesis and Reactivity of Mono(pentamethylcyclopentadienyl) Tetrphenylborate Lanthanide Complexes of Ytterbium and Samarium: Tris(ring) Precursors to (C <sub>5</sub> Me <sub>5</sub> )Ln Moieties. <i>Organometallics</i> , <b>2007</b> , 26, 1204-1211	3.8	52
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118	Trivalent [(C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> (THF)Ln] <sub>2</sub> ( $\mu$ - $\eta$ <sup>2</sup> : $\eta$ <sup>2</sup> -N <sub>2</sub> ) complexes as reducing agents including the reductive homologation of CO to a ketene carboxylate, ( $\mu$ - $\eta$ <sup>4</sup> -O <sub>2</sub> C-C=C=O) <sub>2</sub> -. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 14176-84	16.4	93
117	Organolutetium vinyl and tuck-over complexes via C-H bond activation. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 14270-1	16.4	50
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113	Synthesis and Structure of the Bis(tetramethylcyclopentadienyl)uranium Metallocenes (C <sub>5</sub> Me <sub>4</sub> H) <sub>2</sub> U <sub>2</sub> Me <sub>2</sub> , (C <sub>5</sub> Me <sub>4</sub> H) <sub>2</sub> U <sub>2</sub> MeCl, [(C <sub>5</sub> Me <sub>4</sub> H) <sub>2</sub> U][( $\eta^5$ -Ph)( $\eta^5$ -Ph)BPh <sub>2</sub> ], and [(C <sub>5</sub> Me <sub>4</sub> )SiMe <sub>2</sub> (CH <sub>2</sub> CHCH <sub>2</sub> )] <sub>2</sub> UI(THF). <i>Organometallics</i> , <b>2005</b> , 24, 4676-4683	3.8	35
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109	The Elusive (C <sub>5</sub> Me <sub>4</sub> H) <sub>3</sub> Lu: Its Synthesis and LnZ <sub>3</sub> /K/N <sub>2</sub> Reactivity. <i>Organometallics</i> , <b>2005</b> , 24, 6393-6397	3.8	64
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103	Cyclophane-Based Highly Active Late-Transition-Metal Catalysts for Ethylene Polymerization. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 1857-1861	3.6	43
102	Expanding the LnZ <sub>3</sub> /Alkali-Metal Reduction System to Organometallic and Heteroleptic Precursors: Formation of Dinitrogen Derivatives of Lanthanum. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 5633-5635	3.6	8
101	Cyclophane-Based Highly Active Late-Transition-Metal Catalysts for Ethylene Polymerization. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 3046-3046	3.6	
100	Hydrocarbon-soluble, polymetallic, lanthanoid aryloxides constructed utilising ligands with distal But groups. <i>Journal of Materials Chemistry</i> , <b>2004</b> , 14, 3144		25
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15	Polynucleare Lanthanoidkomplexe: Bildung von $[(\text{C}_5\text{Me}_5)_6\text{Sm}]_6\text{Se}_{11}$ , einem Se-zentrierten $\text{Sm}_6$ -Komplex. <i>Angewandte Chemie</i> , <b>1994</b> , 106, 2200-2201	3.6	12
14	Reactivity of Decamethylsamarocene with Polycyclic Aromatic Hydrocarbons. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 2600-2608	16.4	115
13	Reactivity of $\text{Y}_3(\text{OR})_7\text{Cl}_2(\text{THF})_2$ with organoaluminum reagents: formation of the yttrium-aluminum complexes $\text{Y}(\text{OR})_3(\text{AlMe}_3)_3$ , $\text{Y}(\text{OR})_3(\text{AlMe}_3)_2(\text{THF})$ , and $\text{Y}(\text{OR})_3(\text{AlMe}_2)\text{Cl}(\text{THF})_2$ and the halides $\text{YCl}_3(\text{DME})_2$ and $\text{YCl}_3(\text{THF})_3\text{Y}_3(\text{OR})_7\text{O}$ ( $\text{R} = \text{CMe}_3$ ). <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 2618-2633	16.4	76
12	Investigation of organolanthanide-based carbon-carbon bond formation: synthesis, structure, and coupling reactivity of organolanthanide alkyne complexes, including the unusual structures of the trienediyl complex $[(\text{C}_5\text{Me}_5)_2\text{Sm}]_2(\mu-\eta^2-\eta^2-\text{Ph}(\text{CH}_2)_2\text{C}::\text{C}::\text{C}::\text{C}(\text{CH}_2)_2\text{Ph})$ and the unsolvated alkyne $[(\text{C}_5\text{Me}_5)_2\text{Sm}(\mu-\eta^2-\eta^2-\text{C}_6\text{H}_5)_2]$ . <i>Organometallics</i> , <b>1993</b> , 12, 2618-2633	3.8	177
11	Synthesis and structure of mono-THF solvates of bis(cyclopentadienyl)samarium(II) complexes: $(\text{C}_5\text{Me}_5)_2\text{Sm}(\text{THF})$ and $[\text{C}_5\text{H}_2(\text{SiMe}_3)_3][\text{C}_5\text{H}_3(\text{SiMe}_3)_2]\text{Sm}(\text{THF})$ . <i>Journal of Organometallic Chemistry</i> , <b>1993</b> , 444, 61-66	2.3	28
10	Synthesis and Structure of a Mononuclear $\eta^2$ -Hydrazine Complex by Protonation of an $[\text{N}_2\text{H}_2]_2$ Complex. <i>Angewandte Chemie International Edition in English</i> , <b>1992</b> , 31, 1081-1082		23
9	Synthese und Struktur eines einkernigen $\eta^2$ -Hydrazinkomplexes durch Protonierung eines $(\text{N}_2\text{H}_2)_2$ -Komplexes. <i>Angewandte Chemie</i> , <b>1992</b> , 104, 1114-1115	3.6	8
8	Synthesis and x-ray crystal structure of the first tris(pentamethylcyclopentadienyl)metal complex: $(\eta^5\text{-C}_5\text{Me}_5)_3\text{Sm}$ . <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 7423-7424	16.4	118
7	Reactivity of samarium complex $[(\text{C}_5\text{Me}_5)_2\text{Sm}(\mu\text{-H})]_2$ in ether and arene solvents. X-ray crystal structures of the internally metalated complex $(\text{C}_5\text{Me}_5)_2\text{Sm}(\mu\text{-H})(\mu\text{-CH}_2\text{C}_5\text{Me}_4)\text{Sm}(\text{C}_5\text{Me}_5)$ , the benzyl complex $(\text{C}_5\text{Me}_5)_2\text{Sm}(\text{CH}_2\text{C}_6\text{H}_5)(\text{THF})$ , and the siloxide complex $[(\text{C}_5\text{Me}_5)_2\text{Sm}(\text{THF})]_2(\mu\text{-OSiMe}_2\text{OSiMe}_2\text{O})$ . <i>Organometallics</i> , <b>1991</b> , 10, 181-182	3.8	161

6	Organosamarium-mediated synthesis of bismuth-bismuth bonds: x-ray crystal structure of the first dibismuth complex containing a planar $M_2(\mu_2-\eta^2-\eta^2-Bi_2)$ unit. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 9880-9882	16.4	65
5	Synthesis and reactivity of the cationic organosamarium(III) complex $[(C_5Me_5)_2Sm(THF)_2][BPh_4]$ , including the synthesis and structure of a metallocene with an alkoxy-tethered $C_5Me_5$ ring, $(C_5Me_5)_2Sm[O(CH_2)_4C_5Me_5](THF)$ . <i>Organometallics</i> , <b>1990</b> , 9, 2124-2130	3.8	149
4	Utility of the 2,6-dimethylphenoxide ligand in providing chloride- and oxide-free yttrium $[Y(OR)_3(solvent)_a]_b$ complexes with accessible coordination sites. <i>Inorganic Chemistry</i> , <b>1989</b> , 28, 4308-4309	5.1	58
3	Isolation and x-ray crystal structure of the first dinitrogen complex of an f-element metal, $[(C_5Me_5)_2Sm]_2N_2$ . <i>Journal of the American Chemical Society</i> , <b>1988</b> , 110, 6877-6879	16.4	244
2	Synthesis of a Heteroleptic Pentamethylcyclopentadienyl Yttrium(II) Complex, $[K(2.2.2-Cryptand)]\{(C_5Me_5)_2YII[N(SiMe_3)_2]\}$ , and Its C-H Bond Activated Y(III) Derivative. <i>Organometallics</i> ,	3.8	2
1	Clock Transition Due to a Record 1240 G Hyperfine Interaction in a Lu(II) Molecular Spin Qubit		2