

William J Evans

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.

478
papers

24,434
citations

82
h-index

126
g-index

490
ext. papers

26,065
ext. citations

7.5
avg, IF

7.11
L-index

#	Paper	IF	Citations
478	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> , 2022 ,	17.6	9
477	Isolation and characterization of a californium metallocene. <i>Nature</i> , 2021 , 599, 421-424	50.4	1
476	Cooperative dinitrogen capture by a diboraanthracene/samarocene pair. <i>Dalton Transactions</i> , 2021 , 50, 15000-15002	4.3	1
475	A Rare-Earth Metal Retrospective to Stimulate All Fields. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18354-18367	16.4	8
474	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> , 2021 , 60, 15635-15645	5.1	1
473	Density Functional Theory Analysis of the Importance of Coordination Geometry for 5f6d versus 5f Electron Configurations in U(II) Complexes. <i>Inorganic Chemistry</i> , 2021 , 60, 16316-16325	5.1	1
472	Crystallographic characterization of (CHSiMe)U(BH). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021 , 77, 383-389	0.7	
471	Strong Ferromagnetic Exchange Coupling and Single-Molecule Magnetism in MoS-Bridged Dilanthanide Complexes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8465-8475	16.4	9
470	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> , 2021 , 77, 799-803	0.7	
469	Structural variations in cyclopentadienyl uranium(III) iodide complexes. <i>Journal of Coordination Chemistry</i> , 2021 , 74, 74-91	1.6	1
468	Evaluating electrochemical accessibility of 4f5d and 4f Ln(II) ions in (CHSiMe)Ln and (CMeH)Ln complexes. <i>Dalton Transactions</i> , 2021 , 50, 14384-14389	4.3	2
467	Synthesis of a 2-Isocyanophenolate Ligand, (2-CNC6H4O)1□by Ring-Opening of Benzoxazole with Rare-Earth Metal Complexes. <i>Organometallics</i> , 2021 , 40, 735-741	3.8	1
466	High-Resolution X-ray Photoelectron Spectroscopy of Organometallic (CHSiMe)Ln and [(CHSiMe)Ln] Complexes (Ln = Sm, Eu, Gd, Tb). <i>Journal of the American Chemical Society</i> , 2021 , 143, 16610-16620	16.4	2
465	Optimizing Alkali Metal (M) and Chelate (L) Combinations for the Synthesis and Stability of [M(L)][(C5H4SiMe3)3Y] Yttrium(II) Complexes. <i>Organometallics</i> , 2021 , 40, 3170-3176	3.8	1
464	Synthesis of Ba(II) analogs of Ln(II)-in-(2.2.2-cryptand) and layered hexagonal net Ln(II) complexes, [(THF)Cs(□□:□□5H4SiMe3)3LnII]n. <i>Polyhedron</i> , 2021 , 210, 115493	2.7	0
463	Electrochemical studies of tris(cyclopentadienyl)thorium and uranium complexes in the +2, +3, and +4 oxidation states. <i>Chemical Science</i> , 2021 , 12, 8501-8511	9.4	3
462	Formation of the End-on Bound Lanthanide Dinitrogen Complexes [(RN)Ln-N?N-Ln(NR)] from Divalent [(RN)Ln] Salts (R = SiMe). <i>Journal of the American Chemical Society</i> , 2020 , 142, 9302-9313	16.4	6

461	Evaluating Electron Transfer Reactivity of Rare-Earth Metal(II) Complexes Using EPR Spectroscopy. <i>Organometallics</i> , 2020 , 39, 1187-1194	3.8	5
460	Synthesis of LnII-in-Cryptand Complexes by Chemical Reduction of LnIII-in-Cryptand Precursors: Isolation of a NdII-in-Cryptand Complex. <i>Angewandte Chemie</i> , 2020 , 132, 16275-16280	3.6	1
459	A Room-Temperature Stable Y(II) Aryloxide: Using Steric Saturation to Kinetically Stabilize Y(II) Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 3207-3214	5.1	11
458	Reductive cleavage of ,'-di-butyl-carbodi-imide generates -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> , 2020 , 76, 1047-1050	0.7	
457	Crystal structure of the [(THF)Cs(μ -Cp')Yb] oligomer. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 1131-1135	0.7	0
456	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> , 2020 , 76, 1447-1453	0.7	
455	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> , 2020 , 11, 2006-2014	9.4	20
454	Evaluating Electron-Transfer Reactivity of Complexes of Actinides in +2 and +3 Oxidation States by using EPR Spectroscopy. <i>Chemistry - A European Journal</i> , 2020 , 26, 1530-1534	4.8	8
453	2.2.2-Cryptand as a bidentate ligand in rare-earth metal chemistry. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 4445-4451	6.8	2
452	Stabilization of U(III) to Oxidation and Hydrolysis by Encapsulation Using 2.2.2-Cryptand. <i>Inorganic Chemistry</i> , 2020 , 59, 17077-17083	5.1	1
451	C≡N Bond Activation via U(II) in the Reduction of Heteroleptic Bis(trimethylsilyl)amide U(III) Complexes. <i>Organometallics</i> , 2020 , 39, 3425-3432	3.8	4
450	A Single Small-Scale Plutonium Redox Reaction System Yields Three Crystallographically-Characterizable Organoplutonium Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 13301-13314	5.1	7
449	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> , 2020 , 59, 16141-16146	16.4	9
448	Isolation of U(ii) compounds using strong donor ligands, CMeH and N(SiMe), including a three-coordinate U(ii) complex. <i>Chemical Communications</i> , 2019 , 55, 2325-2327	5.8	23
447	[Am(C Me H)]: An Organometallic Americium Complex. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11695-11699	16.4	20
446	[Am(C5Me4H)3]: An Organometallic Americium Complex. <i>Angewandte Chemie</i> , 2019 , 131, 11821-11825	3.6	10
445	Rare-earth complexes of the asymmetric amide ligands, N(SiMe3)Ph and N(SiMe3)Cy. <i>Polyhedron</i> , 2019 , 168, 72-79	2.7	0
444	tert-Butyl(cyclopentadienyl) Ligands Will Stabilize Nontraditional +2 Rare-Earth Metal Ions. <i>Organometallics</i> , 2019 , 38, 1151-1158	3.8	14

443	The Periodic Table as a Career Guide: A Journey to Rare Earths. <i>Structure and Bonding</i> , 2019 , 197	0.9	1
442	Engineering electronic structure to prolong relaxation times in molecular qubits by minimising orbital angular momentum. <i>Nature Communications</i> , 2019 , 10, 3330	17.4	34
441	Insight into the Electronic Structure of Formal Lanthanide(II) Complexes using Magnetic Circular Dichroism Spectroscopy. <i>Organometallics</i> , 2019 , 38, 3124-3131	3.8	9
440	Röntgenbild: [Am(C5Me4H)3]: An Organometallic Americium Complex (<i>Angew. Chem.</i> 34/2019). <i>Angewandte Chemie</i> , 2019 , 131, 12050-12050	3.6	
439	Mechanochemical C-H bond activation: Synthesis of the tuckover hydrides, (C5Me5)2Ln(EH)(H-B-CH2C5Me4)Ln(C5Me5) from solvent-free reactions of (C5Me5)2Ln(EPh)2BPh2 with KC5Me5. <i>Journal of Organometallic Chemistry</i> , 2019 , 899, 120885	2.3	4
438	Facile Encapsulation of Ln(II) Ions into Cryptate Complexes from LnI(THF) Precursors (Ln = Sm, Eu, Yb). <i>Inorganic Chemistry</i> , 2019 , 58, 9613-9617	5.1	11
437	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> , 2019 , 141, 12458-12463	16.4	23
436	In search of tris(trimethylsilylcyclopentadienyl) thorium. <i>Dalton Transactions</i> , 2019 , 48, 16633-16640	4.3	9
435	Synthesis and Reduction of Bimetallic Methyl-Bridged Rare-Earth Metal Complexes, [(CHSiMe)Ln(ECH)] (Ln = Y, Tb, Dy). <i>ACS Omega</i> , 2019 , 4, 398-402	3.9	3
434	Trimethylsilyl versus Bis(trimethylsilyl) Substitution in Tris(cyclopentadienyl) Complexes of La, Ce, and Pr: Comparison of Structure, Magnetic Properties, and Reactivity. <i>Organometallics</i> , 2018 , 37, 900-905	3.8	32
433	Synthesis, Structure, and Magnetism of Tris(amide) [Ln{N(SiMe)}] Complexes of the Non-traditional +2 Lanthanide Ions. <i>Chemistry - A European Journal</i> , 2018 , 24, 7702-7709	4.8	50
432	Metal versus Ligand Reduction in Ln Complexes of a Mesitylene-Anchored Tris(Aryloxy) Ligand. <i>Inorganic Chemistry</i> , 2018 , 57, 2823-2833	5.1	31
431	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> , 2018 , 57, 2096-2102	5.1	15
430	Electrocatalytic HO Reduction with f-Elements: Mechanistic Insight and Overpotential Tuning in a Series of Lanthanide Complexes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2587-2594	16.4	28
429	Thorium Metallocene Cation Chemistry: Synthesis and Characterization of the Bent [(C5Me5)2Th(C6H5)(THF)][BPh4] and the Parallel Ring [(C5Me5)2Th(NCR)5][BPh4]2 (R = Me, Ph) Complexes. <i>Organometallics</i> , 2018 , 37, 454-458	3.8	9
428	NH and (NH) as ligands in yttrium metallocene chemistry. <i>Dalton Transactions</i> , 2018 , 47, 5098-5101	4.3	2
427	Structural characterization of the bent metallocenes, [C5H3(SiMe3)2]2Sm and [C5H3(CMe3)2]2Ln (Ln = Eu, Sm), and the mono(cyclopentadienyl) tetraphenylborate complex, [C5H3(CMe3)2]Eu(Et-Ph)2BPh2. <i>Journal of Organometallic Chemistry</i> , 2018 , 867, 142-148	2.3	5
426	Synthesis of uranium-in-cryptand complexes. <i>Chemical Communications</i> , 2018 , 54, 10272-10275	5.8	12

425	Identification of the Formal +2 Oxidation State of Neptunium: Synthesis and Structural Characterization of {Np[CH(SiMe)]}. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7425-7428	16.4	56
424	Isolation of reactive Ln(II) complexes with CHMe ligands (Cp) using inverse sandwich counteranions: synthesis and structure of [(18-crown-6)K(FCp)K(18-crown-6)][CpLn] (Ln = Tb, Ho). <i>Dalton Transactions</i> , 2018 , 47, 17285-17290	4.3	16
423	Structure, Magnetism, and Multi-electron Reduction Reactivity of the Inverse Sandwich Reduced Arene La ₂ +Complex [[{C ₅ H ₃ (SiMe ₃) ₂] ₂ La] ₂ (B-B-C ₆ H ₆)] ⁺ . <i>Organometallics</i> , 2018 , 37, 3322-3331	3.8	12
422	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> , 2018 , 57, 12876-12884	5.1	13
421	Tetramethylcyclopentadienyl Ligands Allow Isolation of Ln(II) Ions across the Lanthanide Series in [K(2.2.2-cryptand)][(C ₅ Me ₄ H)3Ln] Complexes. <i>Organometallics</i> , 2018 , 37, 3863-3873	3.8	34
420	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> , 2018 , 57, 11809-11814	5.1	28
419	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> , 2018 , 24, 18059-18067	4.8	19
418	Reactivity of Ln(II) Complexes Supported by (C ₅ H ₄ Me) ₁ Ligands with THF and PhSiH ₃ : Isolation of Ring-Opened, Bridging Alkoxyalkyl, Hydride, and Silyl Products. <i>Organometallics</i> , 2018 , 37, 3055-3063	3.8	18
417	Solution Synthesis, Structure, and CO Reduction Reactivity of a Scandium(II) Complex, {Sc[N(SiMe)]}. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2050-2053	16.4	61
416	Identification of the Formal +2 Oxidation State of Plutonium: Synthesis and Characterization of {Pu[CH(SiMe)]}. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3970-3973	16.4	87
415	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> , 2017 , 139, 3387-3398	16.4	33
414	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> , 2017 , 56, 5959-5970 ^{5.1}	5.1	34
413	Covalency in Americium(III) Hexachloride. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8667-8677	16.4	61
412	Recent advances for measurement of protein synthesis rates, use of the 'Virtual Biopsy' approach, and measurement of muscle mass. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2017 , 20, 191-200 ^{3.8}	3.8	12
411	Reactivity of Complexes of 4f _n 5d ₁ and 4f _n +1Ln ₂ +Ions with Cyclooctatetraene. <i>Organometallics</i> , 2017 , 36, 3721-3728	3.8	11
410	End-On Bridging Dinitrogen Complex of Scandium. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14861-14864	16.4	27
409	Trimethylsilylcyclopentadienyl (Cp?) Uranium Chemistry: Synthetic and Structural Studies of Cp ₂ U and Cp ₂ UX (X = Cl, I, Me). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 2011-2018	1.3	8
408	Small-Scale Metal-Based Syntheses of Lanthanide Iodide, Amide, and Cyclopentadienyl Complexes as Analogues for Transuranic Reactions. <i>Inorganic Chemistry</i> , 2017 , 56, 11981-11989	5.1	17

407	Comparisons of lanthanide/actinide +2 ions in a tris(aryloxy)arene coordination environment. <i>Chemical Science</i> , 2017 , 8, 7424-7433	9.4	57
406	Evaluating the electronic structure of formal Ln ions in Ln(CHSiMe) using XANES spectroscopy and DFT calculations. <i>Chemical Science</i> , 2017 , 8, 6076-6091	9.4	31
405	Synthesis and reductive chemistry of bimetallic and trimetallic rare-earth metallocene hydrides with (C ₅ H ₄ SiMe ₃) ₁ ligands. <i>Journal of Organometallic Chemistry</i> , 2017 , 849-850, 38-47	2.3	4
404	Tris(pentamethylcyclopentadienyl) Complexes of Late Lanthanides Tb, Dy, Ho, and Er: Solution and Mechanochemical Syntheses and Structural Comparisons. <i>Organometallics</i> , 2017 , 36, 4558-4563	3.8	17
403	Solution Synthesis, Structure, and CO ₂ Reduction Reactivity of a Scandium(II) Complex, {Sc[N(SiMe ₃) ₂] ₃ } <i>Angewandte Chemie</i> , 2017 , 129, 2082-2085	3.6	16
402	Giant coercivity and high magnetic blocking temperatures for N radical-bridged dilanthanide complexes upon ligand dissociation. <i>Nature Communications</i> , 2017 , 8, 2144	17.4	181
401	Slow Magnetic Relaxation in a Dysprosium Ammonia Metallocene Complex. <i>Inorganic Chemistry</i> , 2017 , 56, 15049-15056	5.1	23
400	Synthesis of rare-earth-metal-in-cryptand dication, [Ln(2.2.2-cryptand)], from Sm, Eu, and Yb silyl metallocenes (CHSiMe)Ln(THF). <i>Chemical Communications</i> , 2017 , 53, 8664-8666	5.8	21
399	Tutorial on the Role of Cyclopentadienyl Ligands in the Discovery of Molecular Complexes of the Rare-Earth and Actinide Metals in New Oxidation States <i>Organometallics</i> , 2016 , 35, 3088-3100	3.8	153
398	Proteome-wide muscle protein fractional synthesis rates predict muscle mass gain in response to a selective androgen receptor modulator in rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E405-17	6	15
397	Synthetic Utility of Tetrabutylammonium Salts in Uranium Metallocene Chemistry. <i>Organometallics</i> , 2016 , 35, 520-527	3.8	7
396	Expanding Thorium Hydride Chemistry Through Th ^{III} , Including the Synthesis of a Mixed-Valent Th ^{III} /Th ^{IV} Hydride Complex. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4036-45	16.4	40
395	Raman spectroscopy of the N-N bond in rare earth dinitrogen complexes. <i>Dalton Transactions</i> , 2016 , 45, 14634-44	4.3	18
394	Perspectives on Neutron Scattering in Lanthanide-Based Single-Molecule Magnets and a Case Study of the Tb ₂ (EN ₂) System. <i>Magnetochemistry</i> , 2016 , 2, 45	3.1	20
393	Expanding the Chemistry of Molecular U(2+) Complexes: Synthesis, Characterization, and Reactivity of the {[C ₅ H ₃ (SiMe ₃) ₂] ₃ U}(-) Anion. <i>Chemistry - A European Journal</i> , 2016 , 22, 772-82	4.8	58
392	Synthesis and structure of nitrile-solvated rare earth metallocene cations [Cp ₂ Ln(NCR) ₃][BPh ₄] (Cp = C ₅ Me ₅ , C ₅ H ₄ SiMe ₃ ; R = Me, Bu, Ph). <i>Polyhedron</i> , 2016 , 103, 44-50	2.7	5
391	Physicochemical Properties of Near-Linear Lanthanide(II) Bis(silylamide) Complexes (Ln = Sm, Eu, Tm, Yb). <i>Inorganic Chemistry</i> , 2016 , 55, 10057-10067	5.1	54
390	Expanding the +2 Oxidation State of the Rare-Earth Metals, Uranium, and Thorium in Molecular Complexes. <i>Fundamental Theories of Physics</i> , 2016 , 337-394	0.8	24

389	Cocrystallization of (ES) ₂ ⁻ and (E)2 ⁻ and formation of an [η-S ₃ N(SiMe ₃) ₂] ligand from chalcogen reduction by (N ₂) ₂ ⁻ in a bimetallic yttrium amide complex. <i>Inorganic Chemistry</i> , 2015 , 54, 801-7	5.1	19
388	Ligand Effects in the Synthesis of Ln ²⁺ Complexes by Reduction of Tris(cyclopentadienyl) Precursors Including C≡C Bond Activation of an Indenyl Anion. <i>Organometallics</i> , 2015 , 34, 3909-3921	3.8	36
387	Record High Single-Ion Magnetic Moments Through 4f(n)5d(1) Electron Configurations in the Divalent Lanthanide Complexes [(C ₅ H ₄ SiMe ₃) ₃ Ln]?. <i>Journal of the American Chemical Society</i> , 2015 , 137, 9855-60	16.4	82
386	Dinitrogen Reduction, Sulfur Reduction, and Isoprene Polymerization via Photochemical Activation of Trivalent Bis(cyclopentadienyl) Rare-Earth-Metal Allyl Complexes. <i>Organometallics</i> , 2015 , 34, 4387-4393	3.8	21
385	Synthesis of Air-Stable, Volatile Uranium(IV) and (VI) Compounds and Their Gas-Phase Conversion To Uranium Oxide Films. <i>Angewandte Chemie</i> , 2015 , 127, 2237-2241	3.6	5
384	Synthesis of air-stable, volatile uranium(IV) and (VI) compounds and their gas-phase conversion to uranium oxide films. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 2209-13	16.4	24
383	Synthesis, Structure, and Reactivity of the Ethyl Yttrium Metallocene, (C ₅ Me ₅) ₂ Y(CH ₂ CH ₃), Including Activation of Methane. <i>Journal of the American Chemical Society</i> , 2015 , 137, 14716-25	16.4	22
382	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> , 2015 , 6, 7267-7273	9.4	27
381	Structural, spectroscopic, and theoretical comparison of traditional vs recently discovered Ln(2+) ions in the [K(2.2.2-cryptand)][(C ₅ H ₄ SiMe ₃) ₃ Ln] complexes: the variable nature of Dy(2+) and Nd(2+). <i>Journal of the American Chemical Society</i> , 2015 , 137, 369-82	16.4	146
380	Synthesis, structure, and reactivity of crystalline molecular complexes of the {[CH(SiMe)]Th} anion containing thorium in the formal +2 oxidation state. <i>Chemical Science</i> , 2015 , 6, 517-521	9.4	89
379	Synthesis and Structure of Bis- and Tris-Benzyl Bismuth Complexes. <i>Organometallics</i> , 2015 , 34, 395-397	3.8	8
378	Reactivity of the Ln ²⁺ Complexes [K(2.2.2-cryptand)][(C ₅ H ₄ SiMe ₃) ₃ Ln]: Reduction of Naphthalene and Biphenyl. <i>Organometallics</i> , 2015 , 34, 2287-2295	3.8	28
377	Differentiating Chemically Similar Lewis Acid Sites in Heterobimetallic Complexes: The Rare-Earth Bridged Hydride (C ₅ Me ₅) ₂ Ln(μH) ₂ Ln'(C ₅ Me ₅) ₂ and Tuckover Hydride (C ₅ Me ₅) ₂ Ln(μH)(μ:η ⁵ -CH ₂ C ₅ Me ₄)Ln'(C ₅ Me ₅) Systems. <i>Organometallics</i> , 2014 , 33, 3882-3890	3.8	11
376	A half-sandwich organometallic single-ion magnet with hexamethylbenzene coordinated to the Dy(III) ion. <i>Chemical Communications</i> , 2014 , 50, 11418-20	5.8	44
375	Structural complexity in the rare earth metallocene hydride complexes, [(C ₅ Me ₅) ₂ LnH] <i>Dalton Transactions</i> , 2014 , 43, 15526-31	4.3	5
374	Reactivity of organothorium complexes with TEMPO. <i>Inorganic Chemistry</i> , 2014 , 53, 8455-63	5.1	18
373	Solvent-Free Organometallic Reactivity: Synthesis of Hydride and Carboxylate Complexes of Uranium and Yttrium from Gas/Solid Reactions. <i>Organometallics</i> , 2014 , 33, 433-436	3.8	19
372	²⁹ Si NMR Spectra of Silicon-Containing Uranium Complexes. <i>Organometallics</i> , 2014 , 33, 3786-3791	3.8	39

371	Influence of an inner-sphere K ⁺ ion on the magnetic behavior of N ₂ (3 ⁻) radical-bridged dilanthanide complexes isolated using an external magnetic field. <i>Inorganic Chemistry</i> , 2014 , 53, 3099-107	5.1	76
370	Bismuth-based cyclic synthesis of 3,5-di-tert-butyl-4-hydroxybenzoic acid via the oxyarylcарoxy dianion, (O ₂ CC ₆ H ₂ (t)Bu ₂ O) ₂ ⁻ . <i>Dalton Transactions</i> , 2014 , 43, 3052-4	4.3	14
369	Nitric oxide insertion reactivity with the bismuth-carbon bond: formation of the oximate anion, [ON=(C ₆ H ₂ tBu ₂ O)] ⁻ , from the oxyaryl dianion, (C ₆ H ₂ tBu ₂ O) ₂ ⁻ . <i>Chemistry - A European Journal</i> , 2014 , 20, 15242-7	4.8	17
368	Magnetic susceptibility of uranium complexes. <i>Chemical Reviews</i> , 2014 , 114, 8865-82	68.1	168
367	Total body skeletal muscle mass: estimation by creatine (methyl-d ₃) dilution in humans. <i>Journal of Applied Physiology</i> , 2014 , 116, 1605-13	3.7	88
366	Electronic structures of organometallic complexes of f elements LXXXIII: First comparison of experimental and calculated (on the basis of density functional theory) polarized Raman spectra of an oriented organometallic single crystal: Tris(pentamethylcyclopentadienyl)lanthanum. <i>Chemical Physics Letters</i> , 2014 , 577, 86	4.4	1
365	Reactivity of U ³⁺ Metallocene Allyl Complexes Leads to a Nanometer-Sized Uranium Carbonate, [(C ₅ Me ₅) ₂ U]·6(H ₂ O)·2CO ₃ . <i>Organometallics</i> , 2013 , 32, 4820-4827	3.8	15
364	Identification of the +2 oxidation state for uranium in a crystalline molecular complex, [K(2.2.2-cryptand)][(C ₅ H ₄ SiMe ₃) ₃ U]. <i>Journal of the American Chemical Society</i> , 2013 , 135, 13310-3	16.4	166
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362	Dinitrogen reduction via photochemical activation of heteroleptic tris(cyclopentadienyl) rare-earth complexes. <i>Journal of the American Chemical Society</i> , 2013 , 135, 3804-7	16.4	25
361	Completing the series of +2 ions for the lanthanide elements: synthesis of molecular complexes of Pr ²⁺ , Gd ²⁺ , Tb ²⁺ , and Lu ²⁺ . <i>Journal of the American Chemical Society</i> , 2013 , 135, 9857-68	16.4	234
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352	Synthesis and CO ₂ Insertion Reactivity of Allyluranium Metallocene Complexes. <i>Organometallics</i> , 2012 , 31, 7191-7197	3.8	31
351	Uranium and thorium hydride complexes as multielectron reductants: a combined neutron diffraction and quantum chemical study. <i>Inorganic Chemistry</i> , 2012 , 51, 3613-24	5.1	30
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51	Organolanthanide and organoyttrium hydride chemistry. 9. Bis(1,3-dimethylcyclopentadienyl)yttrium complexes. Synthesis and x-ray crystallographic characterization of $[(1,3-Me_2C_5H_3)_2Y(\alpha-Me)]_2$, $[(1,3-Me_2C_5H_3)_2Y(\mu-H)]_3$, and $[(1,3-Me_2C_5H_3)_2(THF)Y(\mu-H)]_2$. <i>Organometallics</i> , 1987 , 6, 2279-2285	3.8	65
50	Synthesis and x-ray crystal structure of μ_2, η^2 -N-alkylformimidoyl complexes of erbium and yttrium: a structural comparison. <i>Organometallics</i> , 1987 , 6, 295-301	3.8	49
49	Reactivity of $(C_5Me_5)_2Sm$ with cyclopentadiene and cyclopentadienide: isolation of the mixed-valence complex $(C_5Me_5)_2Sm(III)(\mu-C_5H_5)Sm(II)(C_5Me_5)_2$. <i>Journal of the American Chemical Society</i> , 1987 , 109, 4292-4297	16.4	96
48	Structural diversity of bis(pentamethylcyclopentadienyl)lanthanide halide complexes: x-ray crystal structures of $[(C_5Me_5)_2SmCl]_3$ and $(C_5Me_5)_2SmCl_5[Me(OCH_2CH_2)_4OMe]$. <i>Journal of the American Chemical Society</i> , 1987 , 109, 3928-3936	16.4	72

47	Synthesis and x-ray crystal structure of a heterobimetallic ethyl-bridged organoaluminum complex: $(C_5Me_5)_2Sm(\mu-C_2H_5)_2Al(C_2H_5)_2$. <i>Journal of the American Chemical Society</i> , 1987 , 109, 7209-7211	16.4	60
46	Synthesis, structure and reactivity of organometallic complexes of Sm(II). <i>Inorganica Chimica Acta</i> , 1987 , 139, 169-170	2.7	9
45	Paramagnetism in organolanthanide complexes. <i>Journal of Organometallic Chemistry</i> , 1987 , 326, 299-306.	3	103
44	The organometallic Chemistry of the lanthanide elements in low oxidation states. <i>Polyhedron</i> , 1987 , 6, 803-835	2.7	280
43	X-RAY CRYSTAL STRUCTURE OF SOLVENT-FREE HYDRIDOTRIS(TRIPHENYLPHOSPHINE) RHODIUM, $HRh(PPh_3)_3$. <i>Journal of Coordination Chemistry</i> , 1986 , 14, 223-229	1.6	4
42	Synthesis and x-ray crystal structure of bis(pentamethylcyclopentadienyl) complexes of samarium and europium: $(C_5Me_5)_2Sm$ and $(C_5Me_5)_2Eu$. <i>Organometallics</i> , 1986 , 5, 1285-1291	3.8	179
41	Organolanthanide and organoyttrium hydride chemistry. Part 8. Structure and reactivity studies of bis(cyclopentadienyl)ytterbium and yttrium alkyl complexes including the x-ray crystal structure of $(C_5H_5)_2Yb(CH_3)(THF)$. <i>Organometallics</i> , 1986 , 5, 263-270	3.8	84
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39	Facile stereospecific synthesis of a dihydroxyindenoindene unit from an alkyne and carbon monoxide via samarium-mediated carbon monoxide and CH activation. <i>Journal of the American Chemical Society</i> , 1986 , 108, 1722-1723	16.4	60
38	Synthesis and x-ray crystal structure of a soluble pentametallic organoyttrium alkoxide oxide complex, $(C_5H_5)_5Y_5(\mu-OCH_3)_4(\mu_5-O)$. <i>Journal of the American Chemical Society</i> , 1986 , 108, 6095-6	16.4	66
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36	Samarium-mediated functionalization of N:N bonds: Double insertion of carbon monoxide into the N:N bond of azobenzene. <i>Journal of the American Chemical Society</i> , 1986 , 108, 7440-7441	16.4	60
35	Synthesis and x-ray crystal structure of di(pentamethylcyclopentadienyl)lanthanide and yttrium halide complexes. <i>Inorganic Chemistry</i> , 1986 , 25, 3614-3619	5.1	96
34	BIS(CYCLOPENTADIENYL) ORGANOLANTHANIDE AND ORGANOYTTRIUM CHLORIDE, METHYL AND HYDRIDE COMPLEXES 1986 , 1-8		
33	Synthesis and structure of an organosamarium aryloxy complex, $(C_5Me_5)_2Sm(OC_6HMe_4-2,3,5,6)$. <i>Inorganica Chimica Acta</i> , 1985 , 110, 191-195	2.7	49
32	Organometallic Lanthanide Chemistry. <i>Advances in Organometallic Chemistry</i> , 1985 , 131-177	3.8	150
31	Reductive homologation of carbon monoxide to a ketenecarboxylate by a low-valent organolanthanide complex: synthesis and x-ray crystal structure of $[(C_5Me_5)_4Sm_2(O_2CCCO)(THF)]_2$. <i>Journal of the American Chemical Society</i> , 1985 , 107, 3728-3730	16.4	152
30	Synthesis and x-ray crystal structure of a dialkyldicyclopentadienylyttrium complex: $\{(C_5H_5)_2Y[CH_2Si(CH_3)_3]_2\}Li_2(CH_3OCH_2CH_2OCH_3)_2(C_4H_8O_2)$. <i>Organometallics</i> , 1985 , 4, 1836-1841	3.8	30

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26	Yttrium-89 NMR spectra of organoyttrium complexes. <i>Organometallics</i> , 1985 , 4, 324-326	3.8	46
25	Metal vapor synthesis of (C5Me5)2Sm(THF)2 and (C5Me4Et)2Sm(THF)2 and their reactivity with organomercurial reagents. Synthesis and x-ray structural analysis of (C5Me5)2Sm(C6H5)(THF). <i>Organometallics</i> , 1985 , 4, 112-119	3.8	90
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