

# William J Evans

## List of Publications by Year in descending order

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107  
papers

11,120  
citations

126907

33  
h-index

30087

103  
g-index

109  
all docs

109  
docs citations

109  
times ranked

10184  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise Training and Nutritional Supplementation for Physical Frailty in Very Elderly People. <i>New England Journal of Medicine</i> , 1994, 330, 1769-1775.	27.0	2,587
2	Sarcopenia: An Undiagnosed Condition in Older Adults. Current Consensus Definition: Prevalence, Etiology, and Consequences. International Working Group on Sarcopenia. <i>Journal of the American Medical Directors Association</i> , 2011, 12, 249-256.	2.5	2,427
3	Aging of skeletal muscle: a 12-yr longitudinal study. <i>Journal of Applied Physiology</i> , 2000, 88, 1321-1326.	2.5	1,129
4	Sarcopenia With Limited Mobility: An International Consensus. <i>Journal of the American Medical Directors Association</i> , 2011, 12, 403-409.	2.5	884
5	Effect of 10 Days of Bed Rest on Skeletal Muscle in Healthy Older Adults. <i>JAMA - Journal of the American Medical Association</i> , 2007, 297, 1769.	7.4	653
6	Skeletal muscle loss: cachexia, sarcopenia, and inactivity. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 1123S-1127S.	4.7	538
7	Strong Relation Between Muscle Mass Determined by D3-creatine Dilution, Physical Performance, and Incidence of Falls and Mobility Limitations in a Prospective Cohort of Older Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 844-852.	3.6	151
8	Total body skeletal muscle mass: estimation by creatine ( <i>methyl</i> -d <sub>3</sub> ) dilution in humans. <i>Journal of Applied Physiology</i> , 2014, 116, 1605-1613.	2.5	136
9	Identification of the Formal +2 Oxidation State of Plutonium: Synthesis and Characterization of {Pu <sup>II</sup> [C <sub>5</sub> H <sub>3</sub> (SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> } <sup>+</sup> . <i>Journal of the American Chemical Society</i> , 2017, 139, 3970-3973.		121
10	D <sub>3</sub> -Creatine dilution and the importance of accuracy in the assessment of skeletal muscle mass. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 14-21.	7.3	121
11	Energetics of Walking in Elderly People: Factors Related to Gait Speed. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 1332-1337.	3.6	89
12	Covalency in Americium(III) Hexachloride. <i>Journal of the American Chemical Society</i> , 2017, 139, 8667-8677.	13.7	89
13	Identification of the Formal +2 Oxidation State of Neptunium: Synthesis and Structural Characterization of {Np <sup>II</sup> [C <sub>5</sub> H <sub>3</sub> (SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> } <sup>+</sup> . <i>Journal of the American Chemical Society</i> , 2018, 140, 7425-7428.	13.7	81
14	Solution Synthesis, Structure, and CO <sub>2</sub> Reduction Reactivity of a Scandium(II) Complex, {Sc[N(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> ] <sub>3</sub> } <sup>+</sup> . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2050-2053.	13.8	75
15	Dilution of oral D <sub>3</sub> -Creatine to measure creatine pool size and estimate skeletal muscle mass: development of a correction algorithm. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 540-546.	7.3	75
16	Comparisons of lanthanide/actinide +2 ions in a tris(aryloxy)arene coordination environment. <i>Chemical Science</i> , 2017, 8, 7424-7433.	7.4	70
17	Synthesis, Structure, and Magnetism of Tris(amide) [Ln{N(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> } <sup>+</sup> Complexes of the Non-traditional +2 Lanthanide Ions. <i>Chemistry - A European Journal</i> , 2018, 24, 7702-7709.	3.3	64
18	Total-body creatine pool size and skeletal muscle mass determination by creatine-( <i>methyl</i> -d <sub>3</sub> ) dilution in rats. <i>Journal of Applied Physiology</i> , 2012, 112, 1940-1948.	2.5	62

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19	Muscle Mass Assessed by the D3-Creatine Dilution Method and Incident Self-reported Disability and Mortality in a Prospective Observational Study of Community-Dwelling Older Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 123-130.	3.6	61
20	Synthesis, Structure, and Reactivity of the Sterically Crowded Th <sup>3+</sup> Complex (C <sub>5</sub> Me <sub>5</sub> ) <sub>3</sub> Th Including Formation of the Thorium Carbonyl, [(C <sub>5</sub> Me <sub>5</sub> ) <sub>3</sub> Th(CO)] [BPh <sub>4</sub> ]. <i>Journal of the American Chemical Society</i> , 2017, 139, 3387-3398.	13.7	51
21	Body Composition Measurements from Birth through 5 Years: Challenges, Gaps, and Existing & Emerging Technologies” A National Institutes of Health workshop. <i>Obesity Reviews</i> , 2020, 21, e13033.	6.5	51
22	Longitudinal changes in total body creatine pool size and skeletal muscle mass using the D <sub>3</sub> -creatine dilution method. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2013, 4, 217-223.	7.3	50
23	Tetramethylcyclopentadienyl Ligands Allow Isolation of Ln(II) Ions across the Lanthanide Series in [K(2.2.2-cryptand)][(C <sub>5</sub> Me <sub>4</sub> H) <sub>3</sub> Ln] Complexes. <i>Organometallics</i> , 2018, 37, 3863-3873.	2.3	46
24	Chelate-Free Synthesis of the U(II) Complex, [(C <sub>5</sub> H <sub>3</sub> (SiMe <sub>3</sub> ) <sub>2</sub> ) <sub>3</sub> U] <sup>1+</sup> , Using Li and Cs Reductants and Comparative Studies of La(II) and Ce(II) Analogs. <i>Inorganic Chemistry</i> , 2018, 57, 11809-11814.	4.0	44
25	Isolation of U(II) compounds using strong donor ligands, C <sub>5</sub> Me <sub>4</sub> H and N(SiMe <sub>3</sub> ) <sub>2</sub> , including a three-coordinate U(II) complex. <i>Chemical Communications</i> , 2019, 55, 2325-2327.	4.1	43
26	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, 14, 392-397.	13.6	43
27	Evaluating the electronic structure of formal Ln <sup>II</sup> ions in Ln <sup>II</sup> (C <sub>5</sub> H <sub>4</sub> SiMe <sub>3</sub> ) <sub>3</sub> <sup>+</sup> using XANES spectroscopy and DFT calculations. <i>Chemical Science</i> , 2017, 8, 6076-6091.	7.4	42
28	Isolation of a Square-Planar Th(III) Complex: Synthesis and Structure of [Th(OC <sub>6</sub> H <sub>2</sub> (t <sup>+</sup> Bu) <sub>2</sub> -2,6-Me-4) <sub>4</sub> ] <sup>+</sup> . <i>Journal of the American Chemical Society</i> , 2019, 141, 12458-12463.	13.7	42
29	A Rare-Earth Metal Retrospective to Stimulate All Fields. <i>Journal of the American Chemical Society</i> , 2021, 143, 18354-18367.	13.7	40
30	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.	2.3	39
31	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.	4.0	38
32	End-On Bridging Dinitrogen Complex of Scandium. <i>Journal of the American Chemical Society</i> , 2017, 139, 14861-14864.	13.7	38
33	Association of change in muscle mass assessed by D <sub>3</sub> -creatine dilution with changes in grip strength and walking speed. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 55-61.	7.3	37
34	Slow Magnetic Relaxation in a Dysprosium Ammonia Metallocene Complex. <i>Inorganic Chemistry</i> , 2017, 56, 15049-15056.	4.0	35
35	Electrocatalytic H <sub>2</sub> O 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.	13.7	35
36	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 <sup>II</sup> (NR <sub>2</sub> ) <sub>3</sub> ] <sup>+</sup> and ynediolate and enediolate complexes from CO reactions. <i>Chemical Science</i> , 2020, 11, 2006-2014.	7.4	30

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37	[Am(C <sub>5</sub> Me <sub>4</sub> H) <sub>3</sub> ]: An Organometallic Americium Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11695-11699.	13.8	29
38	The Importance of Muscle Versus Fat Mass in Sarcopenic Obesity: A Re-evaluation Using D3-Creatine Muscle Mass Versus DXA Lean Mass Measurements. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1362-1368.	3.6	28
39	Strong Ferromagnetic Exchange Coupling and Single-Molecule Magnetism in MoS <sub>4</sub> <sup>3-</sup> -Bridged Divalent Lanthanide Complexes. <i>Journal of the American Chemical Society</i> , 2021, 143, 8465-8475.	13.7	27
40	The Association of Muscle Mass Measured by D3-Creatine Dilution Method With Dual-Energy X-Ray Absorptiometry and Physical Function in Postmenopausal Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1591-1599.	3.6	26
41	Walking Speed and Muscle Mass Estimated by the D3-Creatine Dilution Method Are Important Components of Sarcopenia Associated With Incident Mobility Disability in Older Men: A Classification and Regression Tree Analysis. <i>Journal of the American Medical Association</i> , 2020, 323, 1997-2002.e1.	2.5	26
42	Rare-Earth Metal(II) Aryloxides: Structure, Synthesis, and EPR Spectroscopy of [K(2.2.2-cryptand)][Sc(OC <sub>6</sub> H <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> OC <sub>6</sub> H <sub>2</sub> ) <sub>3</sub> ]. <i>Inorganic Chemistry - A European Journal</i> , 2018, 24, 18059-18067.	3.3	25
43	Reactivity of Ln(II) Complexes Supported by (C <sub>5</sub> H <sub>4</sub> Me) <sup>1-</sup> Ligands with THF and PhSiH <sub>3</sub> : Isolation of Ring-Opened, Bridging Alkoxyalkyl, Hydride, and Silyl Products. <i>Organometallics</i> , 2018, 37, 3055-3063.	2.3	25
44	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.	7.4	25
45	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.	2.3	24
46	Synthesis of rare-earth-metal-in-cryptand dications, [Ln(2.2.2-cryptand)] <sup>2+</sup> , from Sm <sup>2+</sup> , Eu <sup>2+</sup> , and Yb <sup>2+</sup> silyl metallocenes (C <sub>5</sub> H <sub>4</sub> SiMe <sub>3</sub> ) <sub>2</sub> Ln(THF) <sub>2</sub> . <i>Chemical Communications</i> , 2017, 53, 8664-8666.	4.1	24
47	Perspectives on Neutron Scattering in Lanthanide-Based Single-Molecule Magnets and a Case Study of the Tb <sub>2</sub> ( <sup>14</sup> N <sub>2</sub> ) System. <i>Magnetochemistry</i> , 2016, 2, 45.	2.4	23
48	A Single Small-Scale Plutonium Redox Reaction System Yields Three Crystallographically-Characterizable Organoplutonium Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 13301-13314.	4.0	23
49	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.	4.0	22
50	A Room-Temperature Stable Y(II) Aryloxide: Using Steric Saturation to Kinetically Stabilize Y(II) Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 3207-3214.	4.0	22
51	Solution Synthesis, Structure, and CO <sub>2</sub> Reduction Reactivity of a Scandium(II) Complex, {Sc[N(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> } <sup>+</sup> . <i>Angewandte Chemie</i> , 2017, 129, 2082-2085.	2.0	21
52	Utility of Lithium in Rare-Earth Metal Reduction Reactions to Form Nontraditional Ln <sup>2+</sup> Complexes and Unusual [Li(2.2.2-cryptand)] <sup>1+</sup> Cations. <i>Inorganic Chemistry</i> , 2018, 57, 2096-2102.	4.0	21
53	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-E417.	3.5	20
54	Overcoming obstacles in the design of cancer anorexia/weight loss trials. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 117, 30-37.	4.4	20

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55	<i>tert</i> -Butyl(cyclopentadienyl) Ligands Will Stabilize Nontraditional +2 Rare-Earth Metal Ions. <i>Organometallics</i> , 2019, 38, 1151-1158.	2.3	20
56	Sarcopenia Should Reflect the Contribution of Age-Associated Changes in Skeletal Muscle to Risk of Morbidity and Mortality in Elderly People. <i>Journal of the American Medical Directors Association</i> , 2015, 16, 546-547.	2.5	19
57	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.	2.5	19
58	Isolation of reactive Ln( <i>scp</i> ) complexes with C <sub>5</sub> H <sub>4</sub> Me ligands (Cp <sup>Me</sup> ) using inverse sandwich counteranions: synthesis and structure of [(18-crown-6)K(1/4-Cp <sup>Me</sup> )K(18-crown-6)][Cp <sup>Me</sup> <sub>3</sub> Ln <sup>II</sup> ] (Ln = Tj, Er, Qq, O, U) <i>rgBT / Over</i>	3.3	19
59	Facile Encapsulation of Ln(II) Ions into Cryptate Complexes from LnI <sub>2</sub> (THF) <sub>2</sub> Precursors (Ln = Sm, Eu,) <i>Tj ETQq1 1 0,784314 rgBT / Over</i>	4.0	18
60	In search of tris(trimethylsilylcyclopentadienyl) thorium. <i>Dalton Transactions</i> , 2019, 48, 16633-16640.	3.3	18
61	Synthesis of Ln <sup>II</sup> Cryptand Complexes by Chemical Reduction of Ln <sup>III</sup> Cryptand Precursors: Isolation of a Nd <sup>II</sup> Cryptand Complex. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16141-16146.	13.8	18
62	Association Between Muscle Mass Determined by D3-Creatine Dilution and Incident Fractures in a Prospective Cohort Study of Older Men. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 1213-1220.	2.8	18
63	Structure, Magnetism, and Multi-electron Reduction Reactivity of the Inverse Sandwich Reduced Arene La <sup>2+</sup> Complex [(C <sub>5</sub> H <sub>3</sub> (SiMe <sub>3</sub> ) <sub>2</sub> ) <sub>2</sub> La] <sub>2</sub> (1/4-1 <sup>2.3</sup> /sup>:1 <sup>17</sup> /sup>6<	2.3	17
64	C-H Bond Activation via U(II) in the Reduction of Heteroleptic Bis(trimethylsilyl)amide U(III) Complexes. <i>Organometallics</i> , 2020, 39, 3425-3432.	2.3	17
65	High-Resolution X-ray Photoelectron Spectroscopy of Organometallic (C <sub>5</sub> H <sub>4</sub> SiMe <sub>3</sub> ) <sub>3</sub> Ln <sup>III</sup> and [(C <sub>5</sub> H <sub>4</sub> SiMe <sub>3</sub> ) <sub>3</sub> Ln <sup>II</sup> ] <sup>1+</sup> Complexes (Ln = Sm, Eu, Gd, Tb). <i>Journal of the American Chemical Society</i> , 2021, 143, 16610-16620.	13.7	17
66	Unexplained anemia of aging: Etiology, health consequences, and diagnostic criteria. <i>Journal of the American Geriatrics Society</i> , 2022, 70, 891-899.	2.6	17
67	Insight into the Electronic Structure of Formal Lanthanide(II) Complexes using Magnetic Circular Dichroism Spectroscopy. <i>Organometallics</i> , 2019, 38, 3124-3131.	2.3	16
68	[Am(C <sub>5</sub> Me <sub>4</sub> H) <sub>3</sub> ]: An Organometallic Americium Complex. <i>Angewandte Chemie</i> , 2019, 131, 11821-11825.	2.0	16
69	D3-creatine dilution for the noninvasive measurement of skeletal muscle mass in premature infants. <i>Pediatric Research</i> , 2021, 89, 1508-1514.	2.3	16
70	Synthesis and Reduction of Heteroleptic Bis(cyclopentadienyl) Uranium(III) Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 7365-7376.	4.0	16
71	Reactivity of Complexes of 4f <sup>n</sup> 5d <sup>1</sup> and 4f <sup>n+1</sup> Ln <sup>2+</sup> Ions with Cyclooctatetraene. <i>Organometallics</i> , 2017, 36, 3721-3728.	2.3	15
72	Using Diamagnetic Yttrium and Lanthanum Complexes to Explore Ligand Reduction and C-H Bond Activation in a Tris(aryloxide)mesitylene Ligand System. <i>Inorganic Chemistry</i> , 2018, 57, 12876-12884.	4.0	15

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73	Synthesis of uranium-in-cryptand complexes. <i>Chemical Communications</i> , 2018, 54, 10272-10275.	4.1	15
74	Formation of the End-on Bound Lanthanide Dinitrogen Complexes $[(R)_2(N)_3Ln \cdot Na \cdot Na \cdot Ln(NR)_2]^{+2}$ from Divalent $[(R)_2(N)_3Ln]^{+1}$ Salts (R = SiMe <sub>3</sub> ). <i>Journal of the American Chemical Society</i> , 2020, 142, 9302-9313.	13.7	15
75	CT Muscle Density, D3Cr Muscle Mass, and Body Fat Associations With Physical Performance, Mobility Outcomes, and Mortality Risk in Older Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 790-799.	3.6	13
76	Profoundly lower muscle mass and rate of contractile protein synthesis in boys with Duchenne muscular dystrophy. <i>Journal of Physiology</i> , 2021, 599, 5215-5227.	2.9	13
77	Factor analysis to determine relative contributions of strength, physical performance, body composition and muscle mass to disability and mobility disability outcomes in older men. <i>Experimental Gerontology</i> , 2022, 161, 111714.	2.8	13
78	Harvard HIV and Aging Workshop: Perspectives and Priorities from Claude D. Pepper Centers and Centers for AIDS Research. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 999-1012.	1.1	12
79	Evaluating electrochemical accessibility of $4f^{i+1}5d^1$ and $4f^{i+1}Ln$ ions in $(C_5H_4SiMe_3)_3Ln$ and $(C_5Me_4H)_3Ln$ complexes. <i>Dalton Transactions</i> , 2021, 50, 14384-14389.	3.3	12
80	Cooperative dinitrogen capture by a diboraanthracene/samarocene pair. <i>Dalton Transactions</i> , 2021, 50, 15000-15002.	3.3	12
81	Thorium Metallocene Cation Chemistry: Synthesis and Characterization of the Bent $[(C_5Me_5)_2Th(C_6H_5)(THF)][BPh_4]$ and the Parallel Ring $[(C_5Me_5)_2Th(NCR)_5][BPh_4]_2$ (R = Me, Ph) Complexes. <i>Organometallics</i> , 2018, 37, 454-458.	2.3	11
82	Dietary Intake, D3Cr Muscle Mass, and Appendicular Lean Mass in a Cohort of Older Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1353-1361.	3.6	11
83	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.	3.3	11
84	Evaluating Electron Transfer Reactivity of Rare-Earth Metal(II) Complexes Using EPR Spectroscopy. <i>Organometallics</i> , 2020, 39, 1187-1194.	2.3	10
85	Science-based policy: targeted nutrition for all ages and the role of bioactives. <i>European Journal of Nutrition</i> , 2021, 60, 1-17.	3.9	10
86	2.2.2-Cryptand as a bidentate ligand in rare-earth metal chemistry. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4445-4451.	6.0	9
87	Synthesis and reductive chemistry of bimetallic and trimetallic rare-earth metallocene hydrides with $(C_5H_4SiMe_3)_1$ ligands. <i>Journal of Organometallic Chemistry</i> , 2017, 849-850, 38-47.	1.8	8
88	Synthesis of a Heteroleptic Pentamethylcyclopentadienyl Yttrium(II) Complex, $[K(2.2.2-Cryptand)]\{(C_5Me_5)_2Y^{II}[N(SiMe_3)_2]_3\}$ , and Its C-H Bond Activated Y(III) Derivative. <i>Organometallics</i> , 2021, 40, 3917-3925.		
89	2.2.2-Cryptand complexes of neptunium( $III$ ) and plutonium( $III$ ). <i>Chemical Communications</i> , 2022, 58, 997-1000.	4.1	8
90	Mechanochemical C-H bond activation: Synthesis of the tuckover hydrides, $(C_5Me_5)_2Ln(\eta^4-H)(\eta^4-1,1,1,5-CH_2C_5Me_4)Ln(C_5Me_5)$ from solvent-free reactions of $(C_5Me_5)_2Ln(\eta^4-Ph)_2BPh_2$ with $KC_5Me_5$ . <i>Journal of Organometallic Chemistry</i> , 2019, 899, 120885.		7

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91	Structural variations in cyclopentadienyl uranium(III) iodide complexes. <i>Journal of Coordination Chemistry</i> , 2021, 74, 74-91.	2.2	7
92	Optimizing Alkali Metal (M) and Chelate (L) Combinations for the Synthesis and Stability of [M(L)][(C <sub>5</sub> H <sub>4</sub> SiMe <sub>3</sub> ) <sub>3</sub> Y] Yttrium(II) Complexes. <i>Organometallics</i> , 2021, 40, 3170-3176.	2.3	7
93	Density Functional Theory Analysis of the Importance of Coordination Geometry for 5f <sup>3</sup> versus 5f <sup>4</sup> Electron Configurations in U(II) Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 16316-16325.	4.0	6
94	Stabilization of U(III) to Oxidation and Hydrolysis by Encapsulation Using 2.2.2-Cryptand. <i>Inorganic Chemistry</i> , 2020, 59, 17077-17083.	4.0	5
95	Effects of Fortetropin on the Rate of Muscle Protein Synthesis in Older Men and Women: A Randomized, Double-Blinded, Placebo-Controlled Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 108-114.	3.6	5
96	Reductive Reactivity of the 4f <sup>7</sup> 5d <sup>1</sup> Gd(II) Ion in {Gd <sup>II</sup> [N(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> } <sup>+</sup> : Structural Characterization of Products of Coupling, Bond Cleavage, Insertion, and Radical Reactions. <i>Inorganic Chemistry</i> , 2021, 60, 15635-15645.	4.0	5
97	Anion-induced disproportionation of Th( <sup>iii</sup> ) complexes to form Th( <sup>ii</sup> ) and Th( <sup>iv</sup> ) products. <i>Chemical Communications</i> , 2022, 58, 5289-5291.	4.1	5
98	NH <sub>3</sub> and (NH <sub>2</sub> ) <sup>+</sup> as ligands in yttrium metallocene chemistry. <i>Dalton Transactions</i> , 2018, 47, 5098-5101.	3.3	4
99	Synthesis and Reduction of Bimetallic Methyl-Bridged Rare-Earth Metal Complexes, [(C <sub>5</sub> H <sub>4</sub> SiMe <sub>3</sub> ) <sub>2</sub> Ln( <sup>1/4</sup> -CH <sub>3</sub> ) <sub>3</sub> ] <sub>2</sub> (Ln) <a href="#">DOI: 10.1039/D1DT00014A</a>	3.5	4
100	Synthesis of Ln II $\epsilon$ -Cryptand Complexes by Chemical Reduction of Ln III $\epsilon$ -Cryptand Precursors: Isolation of a Nd II $\epsilon$ -Cryptand Complex. <i>Angewandte Chemie</i> , 2020, 132, 16275-16280.	2.0	3
101	Synthesis of a 2-Isocyanophenolate Ligand, (2-CNC <sub>6</sub> H <sub>4</sub> O) <sup>1-</sup> , by Ring-Opening of Benzoxazole with Rare-Earth Metal Complexes. <i>Organometallics</i> , 2021, 40, 735-741.	2.3	3
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105	Mr. <i>Inorganic Chemistry</i> : M. Frederick Hawthorne (August 24, 1928–July 8, 2021). <i>Inorganic Chemistry</i> , 2021, 60, 12621-12624.	4.0	1
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