

William J Evans

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	2.2.2-Cryptand complexes of neptunium(ⁱⁱⁱ) and plutonium(ⁱⁱⁱ). <i>Chemical Communications</i> , 2022, 58, 997-1000.	4.1	8
4	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
5	Exploring the use of the pentaphenylcyclopentadienyl ligand in uranium chemistry: the crystal structure of (C5Ph5)UI2(THF)2. <i>Australian Journal of Chemistry</i> , 2022, , .	0.9	1
6	Anion-induced disproportionation of Th(ⁱⁱⁱ) complexes to form Th(ⁱⁱ) and Th(^{iv}) products. <i>Chemical Communications</i> , 2022, 58, 5289-5291.	4.1	5
7	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
8	Lean body mass should not be used as a surrogate measurement of muscle mass in malnourished men and women: Comment on Compher et al.. <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, 46, 1497-1499.	2.6	2
9	Synthesis and Reduction of Heteroleptic Bis(cyclopentadienyl) Uranium(III) Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 7365-7376.	4.0	16
10	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
11	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
12	Structural variations in cyclopentadienyl uranium(III) iodide complexes. <i>Journal of Coordination Chemistry</i> , 2021, 74, 74-91.	2.2	7
13	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
14	Nutritional Support Should Target the Cause of Malnutrition in Hospitalized Patients. <i>JAMA Network Open</i> , 2021, 4, e2033925.	5.9	2
15	Evaluating electrochemical accessibility of 4f ⁿ 5d ¹ and 4f ⁿ⁺¹ Ln(ⁱⁱ) ions in (C ₅ H ₄ SiMe ₃) ₃ Ln and (C ₅ Me ₄ H) ₃ Ln complexes. <i>Dalton Transactions</i> , 2021, 50, 1438-1438.	3.3	12
16	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
17	Synthesis of a 2-Isocyanophenolate Ligand, (2-CNC ₆ H ₄ O) ¹⁻ , by Ring-Opening of Benzoxazole with Rare-Earth Metal Complexes. <i>Organometallics</i> , 2021, 40, 735-741.	2.3	3
18	Strong Ferromagnetic Exchange Coupling and Single-Molecule Magnetism in MoS ₄ ³⁻ -Bridged Dlanthanide Complexes. <i>Journal of the American Chemical Society</i> , 2021, 143, 8465-8475.	13.7	27

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19	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
20	High-Resolution X-ray Photoelectron Spectroscopy of Organometallic (C ₅ H ₄ SiMe ₃) ₃ Ln ^{III} and [(C ₅ H ₄ SiMe ₃) ₃ Ln ^{II}] ⁺ Complexes (Ln = Sm, Eu, Gd, Tb). <i>Journal of the American Chemical Society</i> , 2021, 143, 16610-16620.	13.7	17
21	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
22	Optimizing Alkali Metal (M) and Chelate (L) Combinations for the Synthesis and Stability of [M(L)][(C ₅ H ₄ SiMe ₃) ₃ Y] Yttrium(II) Complexes. <i>Organometallics</i> , 2021, 40, 3170-3176.	2.3	7
23	Mr. Inorganic Chemistry: M. Frederick Hawthorne (August 24, 1928–July 8, 2021). <i>Inorganic Chemistry</i> , 2021, 60, 12621-12624.	4.0	1
24	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
25	Cooperative dinitrogen capture by a diboraanthracene/samarocene pair. <i>Dalton Transactions</i> , 2021, 50, 15000-15002.	3.3	12
26	A Rare-Earth Metal Retrospective to Stimulate All Fields. <i>Journal of the American Chemical Society</i> , 2021, 143, 18354-18367.	13.7	40
27	Reductive Reactivity of the 4f ⁷ 5d ¹ Gd(II) Ion in {Gd ^{II} [N(SiMe ₃) ₂] ₃ } ⁺ : Structural Characterization of Products of Coupling, Bond Cleavage, Insertion, and Radical Reactions. <i>Inorganic Chemistry</i> , 2021, 60, 15635-15645.	4.0	5
28	Density Functional Theory Analysis of the Importance of Coordination Geometry for 5f ³ 6d ¹ versus 5f ⁴ Electron Configurations in U(II) Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 16316-16325.	4.0	6
29	Synthesis of a Heteroleptic Pentamethylcyclopentadienyl Yttrium(II) Complex, [K(2.2.2-Cryptand)]{(C ₅ Me ₅) ₂ Y ^{II} [N(SiMe ₃) ₂] ₃ }, and Its C–H Bond Activated Y(III) Derivative. <i>Organometallics</i> , 2021, 40, 3917-3925.		
30	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
31	Association of change in muscle mass assessed by D ₃ Cr 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
32	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 ^{II} (NR ₂) ₃] ⁺ and ynediolate and enediolate complexes from CO reactions. <i>Chemical Science</i> , 2020, 11, 2006-2014.	7.4	30
33	Evaluating Electron–Proton 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
34	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
35	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
36	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

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37	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
38	Formation of the End-on Bound Lanthanide Dinitrogen Complexes $[(R)_{2}(N)_{3}Ln(Na)_{2}Ln(NR)_{2}(N)_{3}]^{2+}$ from Divalent $[(R)_{2}(N)_{3}Ln]^{+}$ Salts (R = SiMe ₃). <i>Journal of the American Chemical Society</i> , 2020, 142, 9302-9313.	13.7	15
39	Evaluating Electron Transfer Reactivity of Rare-Earth Metal(II) Complexes Using EPR Spectroscopy. <i>Organometallics</i> , 2020, 39, 1187-1194.	2.3	10
40	Synthesis of Ln II λ -Cryptand Complexes by Chemical Reduction of Ln III λ -Cryptand Precursors: Isolation of a Nd II λ -Cryptand Complex. <i>Angewandte Chemie</i> , 2020, 132, 16275-16280.	2.0	3
41	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
42	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
43	Synthesis of Ln ^{II} λ -Cryptand Complexes by Chemical Reduction of Ln ^{III} λ -Cryptand Precursors: Isolation of a Nd ^{II} λ -Cryptand Complex. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16141-16146.	13.8	18
44	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 Directors Association</i> , 2020, 21, 1997-2002.e1.	2.5	26
45	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
46	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
47	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
48	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
49	R ^{1/4} ctitelbild: [Am(C ₅ Me ₄ H) ₃]: An Organometallic Americium Complex (<i>Angew. Chem.</i> 34/2019). <i>Angewandte Chemie</i> , 2019, 131, 12050-12050.	2.0	0
50	Mechanochemical C-H bond activation: Synthesis of the tuckover hydrides, (C ₅ Me ₅) ₂ Ln(^{1/4} -H)(^{1/4} - ¹ : ¹ : ¹ : ¹ -5-CH ₂ C ₅ Me ₄)Ln(C ₅ Me ₅) from solvent-free reactions of (C ₅ Me ₅) ₂ Ln(^{1/4} -Ph) ₂ BPh ₂ with KC ₅ Me ₅ . <i>Journal of Organometallic Chemistry</i> , 2019, 899, 120885.	1.8	7
51	Facile Encapsulation of Ln(II) Ions into Cryptate Complexes from LnI ₂ (THF) ₂ Precursors (Ln = Sm, Eu.) <i>Tj ETQq1 1 0,784314 rgBT /Over</i>	4.0	18
52	Isolation of a Square-Planar Th(III) Complex: Synthesis and Structure of [Th(OC ₆ H ₂ (² -Bu) ₂ -2,6-Me-4) ₄] ⁺ . <i>Journal of the American Chemical Society</i> , 2019, 141, 12458-12463.	13.7	42
53	Diagnostic criteria for the diagnosis of type 2 diabetes: Discordance of multiple measures. <i>Clinical Endocrinology</i> , 2019, 91, 716-717.	2.4	2
54	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

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55	Isolation of U(η^2) compounds using strong donor ligands, C_5H_4Me and $N(SiMe_3)_2$, including a three-coordinate U(η^2) complex. <i>Chemical Communications</i> , 2019, 55, 2325-2327.	4.1	43
56	$[Am(C_5H_4Me)_3]$: An Organometallic Americium Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11695-11699.	13.8	29
57	$[Am(C_5H_4Me)_3]$: An Organometallic Americium Complex. <i>Angewandte Chemie</i> , 2019, 131, 11821-11825.	2.0	16
58	D $_3$ -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
59	<i>tert</i> -Butyl(cyclopentadienyl) Ligands Will Stabilize Nontraditional +2 Rare-Earth Metal Ions. <i>Organometallics</i> , 2019, 38, 1151-1158.	2.3	20
60	In search of tris(trimethylsilylcyclopentadienyl) thorium. <i>Dalton Transactions</i> , 2019, 48, 16633-16640.	3.3	18
61	Synthesis and Reduction of Bimetallic Methyl-Bridged Rare-Earth Metal Complexes, $[(C_5H_4SiMe_3)_2Ln(\eta^4-CH_3)]_2$ ($Ln = Th, U$) DOI: 10.1002/anie.201907431	14.7843	14
62	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
63	Synthesis, Structure, and Magnetism of Tris(amide) $[Ln\{N(SiMe_3)_2\}_3]^{+}$ Complexes of the Nontraditional +2 Lanthanide Ions. <i>Chemistry - A European Journal</i> , 2018, 24, 7702-7709.	3.3	64
64	Dilution of oral D $_3$ -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
65	Utility of Lithium in Rare-Earth Metal Reduction Reactions to Form Nontraditional Ln^{2+} Complexes and Unusual $[Li(2.2.2-cryptand)]^+$ Cations. <i>Inorganic Chemistry</i> , 2018, 57, 2096-2102.	4.0	21
66	Electrocatalytic H $_2$ 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
67	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
68	NH $_3$ and (NH $_2$) $^+$ as ligands in yttrium metallocene chemistry. <i>Dalton Transactions</i> , 2018, 47, 5098-5101.	3.3	4
69	Isolation of reactive $Ln(\eta^2)$ complexes with C_5H_4Me ligands (Cp^*Me) using inverse sandwich counteranions: synthesis and structure of $[(18-crown-6)K(\eta^4-Cp^*Me)K(18-crown-6)][Cp^*Me]_3Ln(II)$ ($Ln = Th, U$) DOI: 10.1002/anie.201907431	14.7843	14
70	Structure, Magnetism, and Multi-electron Reduction Reactivity of the Inverse Sandwich Reduced Arene La^{2+} Complex $\{[(C_5H_3(SiMe_3)_2)_2]_2La\}(\eta^4-\hat{C}_6H_6)^{17}$ DOI: 10.1002/anie.201807431	14.7843	14
71	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
72	Tetramethylcyclopentadienyl Ligands Allow Isolation of Ln(II) Ions across the Lanthanide Series in $[K(2.2.2-cryptand)][(C_5Me_4H)_3Ln]$ Complexes. <i>Organometallics</i> , 2018, 37, 3863-3873.	2.3	46

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73	Chelate-Free Synthesis of the U(II) Complex, [(C ₅ H ₃ (SiMe ₃) ₂) ₃ U] ¹⁺ , 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
74	Rare-Earth Metal(II) Aryloxides: Structure, Synthesis, and EPR Spectroscopy of [K(2.2.2-cryptand)][Sc(OC ₆ H ₂ (i)Bu) ₂ Me ₄] ₃ . <i>Inorganic Chemistry - A European Journal</i> , 2018, 24, 18059-18067.	3.3	25
75	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.	2.3	25
76	Synthesis of uranium-in-cryptand complexes. <i>Chemical Communications</i> , 2018, 54, 10272-10275.	4.1	15
77	Identification of the Formal +2 Oxidation State of Neptunium: Synthesis and Structural Characterization of {Np ^{II} [C ₅ H ₃ (SiMe ₃) ₂] ₃ } ¹⁺ . <i>Journal of the American Chemical Society</i> , 2018, 140, 7425-7428.	13.7	81
78	Solution Synthesis, Structure, and CO ₂ Reduction Reactivity of a Scandium(II) Complex, {Sc[N(SiMe ₃) ₂] ₃ } ⁺ . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2050-2053.	13.8	75
79	Identification of the Formal +2 Oxidation State of Plutonium: Synthesis and Characterization of {Pu ^{II} [C ₅ H ₃ (SiMe ₃) ₂] ₃ } ⁺ . <i>Journal of the American Chemical Society</i> , 2017, 139, 3970-3973.	13.7	121
80	Synthesis, Structure, and Reactivity of the Sterically Crowded Th ³⁺ Complex (C ₅ Me ₅) ₃ Th Including Formation of the Thorium Carbonyl, [(C ₅ Me ₅) ₃ Th(CO)][BPh ₄]. <i>Journal of the American Chemical Society</i> , 2017, 139, 3387-3398.	13.7	51
81	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
82	Covalency in Americium(III) Hexachloride. <i>Journal of the American Chemical Society</i> , 2017, 139, 8667-8677.	13.7	89
83	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
84	Reactivity of Complexes of 4f ⁿ 5d ¹ and 4f ⁿ⁺¹ Ln ²⁺ Ions with Cyclooctatetraene. <i>Organometallics</i> , 2017, 36, 3721-3728.	2.3	15
85	End-On Bridging Dinitrogen Complex of Scandium. <i>Journal of the American Chemical Society</i> , 2017, 139, 14861-14864.	13.7	38
86	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
87	Comparisons of lanthanide/actinide +2 ions in a tris(aryloxide)arene coordination environment. <i>Chemical Science</i> , 2017, 8, 7424-7433.	7.4	70
88	Evaluating the electronic structure of formal Ln ^{II} ions in Ln ^{II} (C ₅ H ₄ SiMe ₃) ₃ ¹⁺ using XANES spectroscopy and DFT calculations. <i>Chemical Science</i> , 2017, 8, 6076-6091.	7.4	42
89	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.	1.8	8
90	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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91	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
92	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.	2.0	21
93	Slow Magnetic Relaxation in a Dysprosium Ammonia Metallocene Complex. <i>Inorganic Chemistry</i> , 2017, 56, 15049-15056.	4.0	35
94	Synthesis of rare-earth-metal-in-cryptand dications, [Ln(2.2.2-cryptand)] ²⁺ , from Sm ²⁺ , Eu ²⁺ , and Yb ²⁺ silyl metallocenes (C ₅ H ₄ SiMe ₃) ₂ Ln(THF) ₂ . <i>Chemical Communications</i> , 2017, 53, 8664-8666.	4.1	24
95	Perspectives on Neutron Scattering in Lanthanide-Based Single-Molecule Magnets and a Case Study of the Tb ₂ (¹ / ₄ -N ₂) System. <i>Magnetochemistry</i> , 2016, 2, 45.	2.4	23
96	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
97	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
98	Total body skeletal muscle mass: estimation by creatine (<i>methyl</i> -d ₃) dilution in humans. <i>Journal of Applied Physiology</i> , 2014, 116, 1605-1613.	2.5	136
99	Longitudinal changes in total body creatine pool size and skeletal muscle mass using the D ₃ -creatine dilution method. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2013, 4, 217-223.	7.3	50
100	Total-body creatine pool size and skeletal muscle mass determination by creatine-(<i>methyl</i> -d ₃) dilution in rats. <i>Journal of Applied Physiology</i> , 2012, 112, 1940-1948.	2.5	62
101	Sarcopenia With Limited Mobility: An International Consensus. <i>Journal of the American Medical Directors Association</i> , 2011, 12, 403-409.	2.5	884
102	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
103	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
104	Skeletal muscle loss: cachexia, sarcopenia, and inactivity. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 1123S-1127S.	4.7	538
105	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
106	Aging of skeletal muscle: a 12-yr longitudinal study. <i>Journal of Applied Physiology</i> , 2000, 88, 1321-1326.	2.5	1,129
107	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