Conrad A P Goodwin

List of Publications by Year
in descending order

42 papers	2,740 citations	361045 20 h-index	301761 39 g-index
50 all docs	50 docs citations	50 times ranked	2322 citing authors

#	Article	IF	Citations
1	Small Molecule Activation by Lanthanide Complexes. , 2022, , 441-469.		1
2	2.2.2-Cryptand complexes of neptunium(<scp>iii</scp>) and plutonium(<scp>iii</scp>). Chemical Communications, 2022, 58, 997-1000.	2.2	8
3	A terminal neptunium(V)â€“mono(oxo) complex. Nature Chemistry, 2022, 14, 342-349.	6.6	19
4	Carbene Complexes of Neptunium. Journal of the American Chemical Society, 2022, 144, 9764-9774.	6.6	7
5	Low-spin 1,1â€²-diphosphametallocenates of chromium and iron. Chemical Communications, 2021, 57, 595-598.	2.2	10
6	Isolation and electronic structures of derivatized manganocene, ferrocene and cobaltocene anions. Nature Chemistry, 2021, 13, 243-248.	6.6	39
7	Expanding the Nonaqueous Chemistry of Neptunium: Synthesis and Structural Characterization of [Np(NR₂)₃Cl], [Np(NR₂)₃Cl]^{â^’}, and [Np{N(R)(SiMe₂CH₂)}₂(NR₂)]^{â^’} (R = SiMe₃). Inorganic Chemistry, 2021, 60, 2740-2748.	1.9	11
8	RÃ¼cktitelbild: Structural and Spectroscopic Comparison of Softâ€Se vs. Hardâ€O Donor Bonding in Trivalent Americium/Neodymium Molecules (Angew. Chem. 17/2021). Angewandte Chemie, 2021, 133, 9812-9812.	1.6	0
9	Structural and Spectroscopic Comparison of Softâ€Se vs. Hardâ€O Donor Bonding in Trivalent Americium/Neodymium Molecules. Angewandte Chemie - International Edition, 2021, 60, 9459-9466.	7.2	23
10	Structural and Spectroscopic Comparison of Softâ€Se vs. Hardâ€O Donor Bonding in Trivalent Americium/Neodymium Molecules. Angewandte Chemie, 2021, 133, 9545-9552.	1.6	4
11	Synthesis, characterization, and theoretical analysis of a plutonyl phosphine oxide complex. Dalton Transactions, 2021, 50, 14537-14541.	1.6	4
12	Complexation and redox chemistry of neptunium, plutonium and americium with a hydroxylaminato ligand. Chemical Science, 2021, 12, 13343-13359.	3.7	13
13	Isolation and characterization of a californium metallocene. Nature, 2021, 599, 421-424.	13.7	25
14	[AnI₃(THF)₄] (An = Np, Pu) Preparation Bypassing An⁰ Metal Precursors: Access to Np³⁺/Pu³⁺ Nonaqueous and Organometallic Complexes. Journal of the American Chemical Society, 2021, 143, 20680-20696.	6.6	14
15	Blocking like it's hot: a synthetic chemistsâ€™ path to high-temperature lanthanide single molecule magnets. Dalton Transactions, 2020, 49, 14320-14337.	1.6	44
16	Strangely attractive: Collaboration and feedback in the field of molecular magnetism. International Journal of Quantum Chemistry, 2020, 120, e26248.	1.0	6
17	A Single Small-Scale Plutonium Redox Reaction System Yields Three Crystallographically-Characterizable Organoplutonium Complexes. Inorganic Chemistry, 2020, 59, 13301-13314.	1.9	23
18	Understanding magnetic relaxation in single-ion magnets with high blocking temperature. Physical Review B, 2020, 101, .	1.1	94

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19	Heteroleptic Samarium(III) Chalcogenide Complexes: Opportunities for Giant Exchange Coupling in Bridging Ïƒ- and Ï€-Radical Lanthanide Dichalcogenides. Inorganic Chemistry, 2020, 59, 7571-7583.	1.9	14
20	A double-dysprosocenium single-molecule magnet bound together with neutral ligands. Chemical Communications, 2020, 56, 5677-5680.	2.2	26
21	Engineering electronic structure to prolong relaxation times in molecular qubits by minimising orbital angular momentum. Nature Communications, 2019, 10, 3330.	5.8	64
22	RÃ¼cktitelbild: [Am(C₅Me₄H)₃]: An Organometallic Americium Complex (Angew. Chem. 34/2019). Angewandte Chemie, 2019, 131, 12050-12050.	1.6	0
23	In-Plane Thorium(IV), Uranium(IV), and Neptunium(IV) Expanded Porphyrin Complexes. Journal of the American Chemical Society, 2019, 141, 17867-17874.	6.6	28
24	[Am(C₅Me₄H)₃]: An Organometallic Americium Complex. Angewandte Chemie - International Edition, 2019, 58, 11695-11699.	7.2	29
25	[Am(C 5 Me 4 H) 3]: An Organometallic Americium Complex. Angewandte Chemie, 2019, 131, 11821-11825.	1.6	16
26	Studies of hysteresis and quantum tunnelling of the magnetisation in dysprosium(<scp>iii</scp>) single molecule magnets. Dalton Transactions, 2019, 48, 8541-8545.	1.6	71
27	Light Lanthanide Metallocenium Cations Exhibiting Weak Equatorial Anion Interactions. Chemistry - A European Journal, 2019, 25, 7749-7758.	1.7	29
28	Electronic structures of bent lanthanide(III) complexes with two N-donor ligands. Chemical Science, 2019, 10, 10493-10502.	3.7	25
29	Exploring Synthetic Routes to Heteroleptic UIII, UIV, and ThIVBulky Bis(silyl)amide Complexes. European Journal of Inorganic Chemistry, 2018, 2018, 2356-2362.	1.0	17
30	Salt metathesis routes to homoleptic near-linear Mg(<scp>ii</scp>) and Ca(<scp>ii</scp>) bulky bis(silyl)amide complexes. Dalton Transactions, 2018, 47, 12526-12533.	1.6	14
31	Structural Characterization of Lithium and Sodium Bulky Bis(silyl)amide Complexes. Molecules, 2018, 23, 1138.	1.7	8
32	Terbocenium: completing a heavy lanthanide metallocenium cation family with an alternative anion abstraction strategy. Chemical Communications, 2018, 54, 9182-9185.	2.2	30
33	Heteroleptic samarium(<scp>iii</scp>) halide complexes probed by fluorescence-detected L₃-edge X-ray absorption spectroscopy. Dalton Transactions, 2018, 47, 10613-10625.	1.6	8
34	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). Inorganic Chemistry, 2017, 56, 5959-5970.	1.9	38
35	Molecular magnetic hysteresis at 60 kelvin in dysprosocenium. Nature, 2017, 548, 439-442.	13.7	1,450
36	Synthesis and Electronic Structures of Heavy Lanthanide Metallocenium Cations. Journal of the American Chemical Society, 2017, 139, 18714-18724.	6.6	111

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37	Physicochemical Properties of Near-Linear Lanthanide(II) Bis(silylamide) Complexes (Ln = Sm, Eu, Tm, Yb). Inorganic Chemistry, 2016, 55, 10057-10067.	1.9	66
38	Salt metathesis versus protonolysis routes for the synthesis of silylamide Hauser base (R2NMgX; X =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	16
39	Homoleptic Trigonal Planar Lanthanide Complexes Stabilized by Superbulky Silylamide Ligands. Organometallics, 2015, 34, 2314-2325.	1.1	45
40	The first near-linear bis(amide) f-block complex: a blueprint for a high temperature single molecule magnet. Chemical Communications, 2015, 51, 101-103.	2.2	236
41	[U^{III}{N(SiMe₂tBu)₂}₃]: A Structurally Authenticated Trigonal Planar Actinide Complex. Chemistry - A European Journal, 2014, 20, 14579-14583.	1.7	39
42	Silylamides: towards a half-century of stabilising remarkable f-element chemistry. Organometallic Chemistry, 0, , 123-156.	0.6	13