

Colin A Gould

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,209
citations

1039406

9
h-index

1199166

12
g-index

13
all docs

13
docs citations

13
times ranked

953
citing authors

#	ARTICLE	IF	CITATIONS
1	High-temperature magnetic blocking and magneto-structural correlations in a series of dysprosium(III) metallocenium single-molecule magnets. <i>Chemical Science</i> , 2018, 9, 8492-8503.	3.7	405
2	Ultrafast magnetism from mixed-valence dilanthanide complexes with metal-metal bonding. <i>Science</i> , 2022, 375, 198-202.	6.0	246
3	Synthesis and Magnetism of Neutral, Linear Metallocene Complexes of Terbium(II) and Dysprosium(II). <i>Journal of the American Chemical Society</i> , 2019, 141, 12967-12973.	6.6	186
4	A Trinuclear Radical-Bridged Lanthanide Single-Molecule Magnet. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10103-10107.	7.2	127
5	Substituent Effects on Exchange Coupling and Magnetic Relaxation in 2,2'-Bipyrimidine Radical-Bridged Dilanthanide Complexes. <i>Journal of the American Chemical Society</i> , 2020, 142, 21197-21209.	6.6	86
6	A biomimetic S^2 cross-coupling mechanism for quaternary sp^3 -carbon formation. <i>Science</i> , 2021, 374, 1258-1263.	6.0	64
7	A Uranium(II) Arene Complex That Acts as a Uranium(I) Synthone. <i>Journal of the American Chemical Society</i> , 2021, 143, 19748-19760.	6.6	34
8	A Trinuclear Radical-Bridged Lanthanide Single-Molecule Magnet. <i>Angewandte Chemie</i> , 2017, 129, 10237-10241.	1.6	31
9	Isolation of a triplet benzene dianion. <i>Nature Chemistry</i> , 2021, 13, 1001-1005.	6.6	15
10	Structure and magnetism of a tetrahedral uranium(III) f^2 -diketiminato complex. <i>Dalton Transactions</i> , 2020, 49, 7938-7944.	1.6	9
11	Isolation of a TMTAA-Based Radical in Uranium bis-TMTAA Complexes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16136-16140.	7.2	4
12	Isolation of a TMTAA-Based Radical in Uranium bis-TMTAA Complexes. <i>Angewandte Chemie</i> , 2018, 130, 16368-16372.	1.6	2
13	Coordination-enhanced photochromism in dysprosium dinuclear complexes with photomodulated single-molecule magnet behavior. , 0, 4, 2.		0