

Lucy E Darago

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,525
citations

279487

23
h-index

433756

31
g-index

32
all docs

32
docs citations

32
times ranked

3779
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic Conductivity, Ferrimagnetic Ordering, and Reductive Insertion Mediated by Organic Mixed-Valence in a Ferric Semiquinoid Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2015, 137, 15703-15711.	6.6	329
2	Giant coercivity and high magnetic blocking temperatures for N ₂ 3d ^π radical-bridged dilanthanide complexes upon ligand dissociation. <i>Nature Communications</i> , 2017, 8, 2144.	5.8	273
3	Electron delocalization and charge mobility as a function of reduction in a metal-organic framework. <i>Nature Materials</i> , 2018, 17, 625-632.	13.3	255
4	A spin transition mechanism for cooperative adsorption in metal-organic frameworks. <i>Nature</i> , 2017, 550, 96-100.	13.7	189
5	Charge Delocalization and Bulk Electronic Conductivity in the Mixed-Valence Metal-Organic Framework Fe(1,2,3-triazolate) ₂ (BF ₄) ₂ . <i>Journal of the American Chemical Society</i> , 2018, 140, 8526-8534.	6.6	151
6	Reversible CO Scavenging via Adsorbate-Dependent Spin State Transitions in an Iron(II)-Triazolate Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2016, 138, 5594-5602.	6.6	141
7	A Trinuclear Radical-Bridged Lanthanide Single-Molecule Magnet. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10103-10107.	7.2	127
8	Selective, Tunable O ₂ Binding in Cobalt(II)-Triazolate/Pyrazolate Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2016, 138, 7161-7170.	6.6	101
9	Control of Electronic Structure and Conductivity in Two-Dimensional Metal-Semiquinoid Frameworks of Titanium, Vanadium, and Chromium. <i>Journal of the American Chemical Society</i> , 2018, 140, 3040-3051.	6.6	100
10	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
11	Confinement of atomically defined metal halide sheets in a metal-organic framework. <i>Nature</i> , 2020, 577, 64-68.	13.7	84
12	Synthesis and O ₂ Reactivity of a Titanium(III) Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2015, 54, 10096-10104.	1.9	82
13	A Terminal Fluoride Ligand Generates Axial Magnetic Anisotropy in Dysprosium Complexes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1933-1938.	7.2	78
14	Synthesis, Structure, and Magnetism of Tris(amide) [Ln{N(SiMe ₃) ₂ } ₃] ¹⁺ Complexes of the Non-traditional +2 Lanthanide Ions. <i>Chemistry - A European Journal</i> , 2018, 24, 7702-7709.	1.7	64
15	Manganese-Cobalt Oxido Cubanes Relevant to Manganese-Doped Water Oxidation Catalysts. <i>Journal of the American Chemical Society</i> , 2017, 139, 5579-5587.	6.6	47
16	Magnetic ordering through itinerant ferromagnetism in a metal-organic framework. <i>Nature Chemistry</i> , 2021, 13, 594-598.	6.6	40
17	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.	1.1	39
18	Isolation of +2 rare earth metal ions with three anionic carbocyclic rings: bimetallic bis(cyclopentadienyl) reduced arene complexes of La ²⁺ and Ce ²⁺ are four electron reductants. <i>Chemical Science</i> , 2015, 6, 7267-7273.	3.7	38

#	ARTICLE	IF	CITATIONS
19	Negative cooperativity upon hydrogen bond-stabilized O ₂ adsorption in a redox-active metal-organic framework. Nature Communications, 2020, 11, 3087.	5.8	36
20	A Trinuclear Radical-Bridged Lanthanide Single-Molecule Magnet. Angewandte Chemie, 2017, 129, 10237-10241.	1.6	31
21	Structural ground states of Cr_2		