

# Liane M Moreau

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

850  
citations

759233

12  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1919  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic structure studies reveal 4f/5d mixing and its effect on bonding characteristics in Ce-imido and -oxo complexes. <i>Chemical Science</i> , 2022, 13, 1759-1773.	7.4	12
2	Mapping the effects of physical and chemical reduction parameters on local atomic distributions within bimetallic nanoparticles. <i>Nanoscale</i> , 2022, 14, 4519-4530.	5.6	4
3	<i>In situ</i> beam reduction of Pu(IV) and Bk(IV) as a route to trivalent transuranic coordination complexes with hydroxypyridinone chelators. <i>Journal of Synchrotron Radiation</i> , 2022, 29, 315-322.	2.4	1
4	A hydrolytically stable Ce(IV) complex of glutarimide-dioxime. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 934-939.	6.0	4
5	Cerium(IV) complexes with guanidinate ligands: intense colors and anomalous electronic structures. <i>Chemical Science</i> , 2021, 12, 3558-3567.	7.4	10
6	Structural and spectroscopic characterization of an einsteinium complex. <i>Nature</i> , 2021, 590, 85-88.	27.8	25
7	Combining the Best of Two Chelating Titans: A Hydroxypyridinone-Decorated Macrocyclic Ligand for Efficient and Concomitant Complexation and Sensitized Luminescence of f-Elements. <i>ChemPlusChem</i> , 2021, 86, 483-491.	2.8	8
8	Amidinate Supporting Ligands Influence Molecularity in Formation of Uranium Nitrides. <i>Inorganic Chemistry</i> , 2021, 60, 6672-6679.	4.0	8
9	Complexation of Lanthanides and Heavy Actinides with Aqueous Sulfur-Donating Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 6125-6134.	4.0	15
10	Controlling the Reduction of Chelated Uranyl to Stable Tetravalent Uranium Coordination Complexes in Aqueous Solution. <i>Inorganic Chemistry</i> , 2021, 60, 973-981.	4.0	11
11	Plutonium Co-precipitation with Calcite. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 3362-3374.	2.7	5
12	Dicorium letterbox-shaped tetraphenolates: f-block complexes designed for two-electron chemistry. <i>Dalton Transactions</i> , 2020, 49, 877-884.	3.3	7
13	Spontaneous Chelation-Driven Reduction of the Neptunyl Cation in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2020, 26, 2354-2359.	3.3	11
14	Transformation of Ferrihydrite to Goethite and the Fate of Plutonium. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 1993-2006.	2.7	12
15	Structural properties of ultra-small thorium and uranium dioxide nanoparticles embedded in a covalent organic framework. <i>Chemical Science</i> , 2020, 11, 4648-4668.	7.4	22
16	Intermediate Yb valence in the Zintl phases $\text{Yb}_{1-x}\text{Mn}_x$ : XANES, magnetism, and heat capacity. <i>Physical Review Materials</i> , 2020, 4, .	2.4	12
17	Enzymatic Degradation of DNA Probed by <i>In Situ</i> X-ray Scattering. <i>ACS Nano</i> , 2019, 13, 11382-11391.	14.6	6
18	The role of trace Ag in the synthesis of Au nanorods. <i>Nanoscale</i> , 2019, 11, 11744-11754.	5.6	24

#	ARTICLE	IF	CITATIONS
19	Catalyst discovery through megalibraries of nanomaterials. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 40-45.	7.1	77
20	Defining the Structure of a Protein-Spherical Nucleic Acid Conjugate and Its Counterionic Cloud. ACS Central Science, 2018, 4, 378-386.	11.3	27
21	How Ag Nanospheres Are Transformed into AgAu Nanocages. Journal of the American Chemical Society, 2017, 139, 12291-12298.	13.7	72
22	Electrolyte-Mediated Assembly of Charged Nanoparticles. ACS Central Science, 2016, 2, 219-224.	11.3	31
23	The Oxidation of Cobalt Nanoparticles into Kirkendall-Hollowed CoO and Co <sub>3</sub> O <sub>4</sub> : The Diffusion Mechanisms and Atomic Structural Transformations. Journal of Physical Chemistry C, 2013, 117, 14303-14312.	3.1	128
24	Defining Crystalline/Amorphous Phases of Nanoparticles through X-ray Absorption Spectroscopy and X-ray Diffraction: The Case of Nickel Phosphide. Chemistry of Materials, 2013, 25, 2394-2403.	6.7	101
25	Unintended Phosphorus Doping of Nickel Nanoparticles during Synthesis with TOP: A Discovery through Structural Analysis. Nano Letters, 2012, 12, 4530-4539.	9.1	81
26	The structural evolution and diffusion during the chemical transformation from cobalt to cobalt phosphide nanoparticles. Journal of Materials Chemistry, 2011, 21, 11498.	6.7	136