

# Marisa J Monreal

## List of Publications by Year in descending order

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28  
papers

993  
citations

623734

14  
h-index

552781

26  
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31  
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31  
docs citations

31  
times ranked

870  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermophysical properties of liquid chlorides from 600 to 1600ÅK: Melt point, enthalpy of fusion, and volumetric expansion. <i>Journal of Molecular Liquids</i> , 2022, 346, 118147.	4.9	11
2	Remote Density Measurements of Molten Salts via Neutron Radiography. <i>Journal of Imaging</i> , 2021, 7, 88.	3.0	5
3	Communicationâ€™Mg<sup>2+/0</sup> as a Reliable Reference Electrode for Molten Chloride Salts. <i>Journal of the Electrochemical Society</i> , 2021, 168, 066501.	2.9	4
4	Materials for Small Nuclear Reactors and Micro Reactors, Including Space Reactors. <i>Jom</i> , 2021, 73, 3497-3498.	1.9	0
5	Crystal Structure Evolution of UCl <sub>3</sub> from Room Temperature to Melting. <i>Jom</i> , 2021, 73, 3555-3563.	1.9	5
6	Effect and measurement of residual water in CaCl <sub>2</sub> intended for use as electrolyte in molten salt electrochemical processing. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 1289-1298.	1.5	10
7	Synthesis of Actinide Fluoride Complexes Using Trimethyltin Fluoride as a Mild and Selective Fluorinating Reagent. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1245-1245.	2.0	0
8	Synthesis of Actinide Fluoride Complexes Using Trimethyltin Fluoride as a Mild and Selective Fluorinating Reagent. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1247-1253.	2.0	16
9	Exploiting the reactivity of actinide fluoride bonds for the synthesis and characterization of a new class of monometallic bis(azide) uranium complexes. <i>Journal of Organometallic Chemistry</i> , 2018, 857, 180-186.	1.8	2
10	Network Dimensionality of Selected Uranyl(VI) Coordination Polymers and Octopus-like Uranium(IV) Clusters. <i>Crystal Growth and Design</i> , 2017, 17, 5568-5582.	3.0	16
11	New Twists and Turns for Actinide Chemistry: Organometallic Infinite Coordination Polymers of Thorium Diazide. <i>Angewandte Chemie</i> , 2016, 128, 3695-3700.	2.0	2
12	New Twists and Turns for Actinide Chemistry: Organometallic Infinite Coordination Polymers of Thorium Diazide. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3631-3636.	13.8	15
13	Enhancing the synthetic efficacy of thorium tetrachloride bis(1,2-dimethoxyethane) with added 1,2-dimethoxyethane: Preparation of metallocene thorium dichlorides. <i>Inorganic Chemistry Communication</i> , 2014, 46, 51-53.	3.9	7
14	Thorium(IV) and Uranium(IV) Halide Complexes Supported by Bulky Î²-Diketiminato Ligands. <i>Organometallics</i> , 2013, 32, 1423-1434.	2.3	30
15	Thorium-mediated ring-opening of tetrahydrofuran and the development of a new thorium starting material: preparation and chemistry of ThI <sub>4</sub> (DME) <sub>2</sub> . <i>Dalton Transactions</i> , 2012, 41, 14514.	3.3	32
16	Molecular quadrangle formation from a diuranium Î¼ <sub>4</sub> -Î¶ <sub>6</sub> -Î¶ <sub>6</sub> -toluene complex. <i>Chemical Communications</i> , 2011, 47, 9119.	4.1	75
17	U<sub>4</sub>(1,4-dioxane)<sub>2</sub>, [U<sub>4</sub>(1,4-dioxane)]<sub>2</sub>, and U<sub>3</sub>(1,4-dioxane)<sub>1.5</sub>: Stable and Versatile Starting Materials for Low- and High-Valent Uranium Chemistry. <i>Organometallics</i> , 2011, 30, 2031-2038.	2.3	106
18	Lutetium gets a crown: Synthesis, structure and reaction chemistry of the separated ion pair complex, [Li(12-crown-4)] <sub>2</sub> [(C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> LuMe <sub>2</sub> ]. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3966-3973.	1.8	12

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19	Synthesis and Characterization of Three-Coordinate Ni(III)-Imide Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 13055-13063.	13.7	122
20	Ring opening of aromatic heterocycles by uranium complexes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2822-2826.	1.8	16
21	The riches of uranium. <i>Nature Chemistry</i> , 2010, 2, 424-424.	13.6	41
22	Reactions of Aromatic Heterocycles with Uranium Alkyl Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 7165-7169.	4.0	36
23	Reversible C-C Coupling in a Uranium Biheterocyclic Complex. <i>Journal of the American Chemical Society</i> , 2010, 132, 7676-7683.	13.7	56
24	Beyond C-H Activation with Uranium: A Cascade of Reactions Mediated by a Uranium Dialkyl Complex. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8352-8355.	13.8	57
25	Scandium Alkyl Complexes Supported by a Ferrocene Diamide Ligand. <i>Organometallics</i> , 2008, 27, 363-370.	2.3	89
26	A Weak Interaction between Iron and Uranium in Uranium Alkyl Complexes Supported by Ferrocene Diamide Ligands. <i>Organometallics</i> , 2008, 27, 1702-1706.	2.3	116
27	Redox Processes in a Uranium Bis(1,1'-diamidoferrocene) Complex. <i>Inorganic Chemistry</i> , 2007, 46, 7226-7228.	4.0	98
28	Synthesis, characterization and structures of zirconocene complexes of sterically demanding pentaphenylcyclopentadienyl and tetraphenyl-m-tolyl cyclopentadienyl ligands. <i>Journal of Organometallic Chemistry</i> , 2003, 682, 8-13.	1.8	14