

# Marisa J Monreal

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

993  
citations

623734

14  
h-index

552781

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

870  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | 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       |
| 2  | 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       |
| 3  | U <sup>IV</sup> (1,4-dioxane) <sub>2</sub> , [UCl <sub>4</sub> (1,4-dioxane)] <sub>2</sub> , and U <sup>IV</sup> (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       |
| 4  | Redox Processes in a Uranium Bis(1,1'-diamidoferrocene) Complex. <i>Inorganic Chemistry</i> , 2007, 46, 7226-7228.  | 4.0  | 98        |
| 5  | Scandium Alkyl Complexes Supported by a Ferrocene Diamide Ligand. <i>Organometallics</i> , 2008, 27, 363-370.   | 2.3  | 89        |
| 6  | Molecular quadrangle formation from a diuranium $\eta^4\text{-}\eta^6\text{-}\eta^6\text{-}\eta^6\text{-}\text{C}_6\text{H}_6$ complex. <i>Chemical Communications</i> , 2011, 47, 9119.  | 4.1  | 75        |
| 7  | 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        |
| 8  | Reversible C-C Coupling in a Uranium Biheterocyclic Complex. <i>Journal of the American Chemical Society</i> , 2010, 132, 7676-7683.  | 13.7 | 56        |
| 9  | The riches of uranium. <i>Nature Chemistry</i> , 2010, 2, 424-424.  | 13.6 | 41        |
| 10 | Reactions of Aromatic Heterocycles with Uranium Alkyl Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 7165-7169.  | 4.0  | 36        |
| 11 | Thorium-mediated ring-opening of tetrahydrofuran and the development of a new thorium starting material: preparation and chemistry of Th(IV)(DME) <sub>2</sub> . <i>Dalton Transactions</i> , 2012, 41, 14514.  | 3.3  | 32        |
| 12 | Thorium(IV) and Uranium(IV) Halide Complexes Supported by Bulky $\beta^2$ -Diketiminato Ligands. <i>Organometallics</i> , 2013, 32, 1423-1434.  | 2.3  | 30        |
| 13 | Ring opening of aromatic heterocycles by uranium complexes. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2822-2826.  | 1.8  | 16        |
| 14 | 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        |
| 15 | 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        |
| 16 | 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        |
| 17 | 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        |
| 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 | 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        |
| 20 | 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        |
| 21 | 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         |
| 22 | Remote Density Measurements of Molten Salts via Neutron Radiography. <i>Journal of Imaging</i> , 2021, 7, 88.  | 3.0 | 5         |
| 23 | Crystal Structure Evolution of UCl <sub>3</sub> from Room Temperature to Melting. <i>Jom</i> , 2021, 73, 3555-3563.  | 1.9 | 5         |
| 24 | Communicationâ€”Mg <sup>2+</sup> as a Reliable Reference Electrode for Molten Chloride Salts. <i>Journal of the Electrochemical Society</i> , 2021, 168, 066501.   | 2.9 | 4         |
| 25 | 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         |
| 26 | 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         |
| 27 | 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         |
| 28 | Materials for Small Nuclear Reactors and Micro Reactors, Including Space Reactors. <i>Jom</i> , 2021, 73, 3497-3498.   | 1.9 | 0         |