Special Issue

Chemistry of the Uranyl Ion

Message from the Guest Editors

Investigations into the chemistry of actinides have been increasing recently and impressive synthetic breakthroughs have been augmented by advanced spectroscopic and computational methods. Uranium chemistry has been at the forefront of this renaissance as it is less constrained by safety considerations. The most stable oxidation state of uranium is the +6 or uranyl(VI) ion and numerous non-aqueous studies have shown its unexpected and exciting chemistry. This Special Issue aims at giving an overview of recent advances in all aspects of uranyl chemistry in organic and aqueous media as well as solid state and the biological arena. This will encompass all areas of synthetic, spectroscopic and computational studies, whilst sharing this with a broader audience by means of open access. We invite you to contribute papers in these research areas and allow your research to extend and enhance current trends in this exciting field.

Guest Editors

Dr. Robert J. Baker

School of Chemistry, University of Dublin, Trinity College, Dublin 2, Ireland

Prof. Dr. Satoru Tsushima

Institute of Resource Ecology, Helmholtz-Zentrum Dresden-Rossendorf (HZDR), Bautzner Landstrasse 400, 01328 Dresden, Germany

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Inorganics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
inorganics@mdpi.com

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Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

Prof. Dr. Duncan H. Gregory
School of Chemistry, University of Glasgow, University Avenue, Glasgow G12 8QQ, UK

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