





an Open Access Journal by MDPI

Surface Chemistry

Guest Editor:

Dr. Maija M. Kuklja

1. Department of Materials Science and Engineering, University of Maryland, College Park, MD 20742, USA 2. International Science and Engineering, Office of International and Integrative Activities, National Science Foundation, Arlington, VA 22230, USA

Deadline for manuscript submissions:

closed (31 December 2013)

Message from the Guest Editor

Dear Colleagues,

This special issue of Molecules: Surface Chemistry is devoted to outstanding research and review papers focused on fundamental experimental and theoretical studies in the physics and chemistry of surfaces and interfaces. It covers topics contributing to a better understanding of basic phenomena occurring on surfaces and interfaces, especially those involving physical and chemical properties of polar surfaces of complex and functional materials. Research papers and reviews dealing with mechanisms of adsorption, desorption, stability and degradation of polar surfaces, photo-induced chemical reactions, defects, mass- and charge-transport on surfaces and interfaces are welcome for this Special Issue of Molecules. Authors of review papers are kindly requested to make a pre-submission inquiry with a brief outline to the guest editor.

Dr. Maija M. Kuklja *Guest Editor*













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous*))

Contact Us