Special Issue

Machine Learning in Green Chemistry

Message from the Guest Editors

Machine learning has emerged as a powerful tool in green chemistry. It is a data-driven approach harnessing data analysis and computational models to revolutionize the design, optimization, and assessment of sustainable chemical processes. Through predictive modeling, pattern recognition, and informed decision making, machine learning techniques contribute to the development of environmentally friendly and economically viable chemical solutions.

Guest Editors

Dr. Tu Le
School of Engineering, RMIT University, Melbourne, VIC 3001, Australia

Dr. Haoxin Mai
School of Science, RMIT University, Melbourne, VIC 3001, Australia

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

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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.

Editor-in-Chief

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

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