

Special Issue

Catalysts and Catalytic Processes

Message from the Guest Editors

This Special Issue will focus on waste plastic up-cycling, which is chemical recycling where the polymer is depolymerized and then repolymerized with the option to produce high value monomers, chemicals, fuel and liquid hydrocarbons. Waste plastic up-cycling has the main advantage of processing heterogeneous and contaminated polymeric waste without sorting and requires little or no pre-treatment. We invite authors to submit manuscripts that will address the topics of waste plastic up-cycling; related catalysis, process & plant design, techno economic assessment, life cycle analysis, reduction to practice; the production of monomers, chemical intermediates/products, and refinery-like liquids; and the circular monomer–plastic economy.

Guest Editors

Dr. Anne M. Gaffney

Energy and Environmental Science and Technology, Idaho National Laboratory, Idaho Falls, Bonneville, ID 83415, USA

Dr. Gennaro J. Maffia

Department of Chemical Engineering, Manhattan College, Riverdale, NY 10471, USA

Deadline for manuscript submissions

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

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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