



an Open Access Journal by MDPI

Contemporary Solutions for Advanced Catalytic Materials with a High Impact on Society

Guest Editors:

Prof. Dr. Simona M. Coman

Department of Inorganic Chemistry, Organic Chemistry, Biochemistry and Catalysis, Faculty of Chemistry, University of Bucharest, Bucharest, Romania

Dr. Madalina Tudorache

Department of Organic Chemistry, Biochemistry and Catalysis, Faculty of Chemistry, University of Bucharest, Bd. Regina Elisabeta no. 4-12, 030018 Bucharest, Romania

Dr. Elisabeth Egholm Jacobsen

Department of Chemistry, Norwegian University of Science and Technology, Høgskoleringen 5, 7491 Trondheim, Norway

Deadline for manuscript submissions:

closed (1 August 2022)

Message from the Guest Editors

The progress of contemporary society is basely related to the area of advanced materials, using novel and sophisticated designs and involving high-performance technology and material synthesis. Most advanced materials are designed for catalytic applications to satisfy the continuous requirements of our modern life, which is increasingly dependent on the catalysis. Therefore, advanced catalytic materials offer new solutions for healthcare (pharmaceuticals and therapeutics), energy (petrochemicals), new materials (polymers), transport (catalytic convertors), and the environment (water/air quality, renewable and bioproducted materials).

The main aim of this Special Issue is to highlight the contribution of advanced catalytic materials in the evolution of contemporary society, delivering practical and useful solutions with a positive societal, economic, and environmental impact. Therefore, several aspects will be considered related to the synthesis, characterization, and applications of the advanced catalytic materials. Original research papers and reviews providing new insights into the area of advanced catalytic materials are welcome.



mdpi.com/si/72467

Special Issue