



Gas–Liquid–Solid Interface Characterization and Targeted Regulation

Guest Editor:

Dr. Yangchao Xia

National Engineering Research
Center of Coal Preparation and
Purification, China University of
Mining and Technology, Xuzhou,
China

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Message from the Guest Editor

Dear Colleagues,

This Special Issue will report research or advances in the characterization and targeted regulation of gas–liquid–solid interfaces, including the regulation of the structure, composition, or environmental conditions of these interfaces, as well as the interface wettability, adhesion, reactivity, and so on. Potential topics include, but are not limited to, the following:

1. Directional regulation of gas–liquid–solid interfaces in fine mineral flotation separation;
2. Interfacial regulation in the preparation of nanomaterials and functional materials;
3. Interfacial regulation to improve reaction efficiency and product purity;
4. Interface regulation to improve the energy conversion efficiency and stability;
5. Interfacial regulation in wastewater treatment, oil–water separation, and air purification.





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Prof. Dr. Eugenia Valsami-Jones

School of Geography, Earth and Environmental Science,
University of Birmingham,
Birmingham B15 2TT, UK

Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

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Nanomaterials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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