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Research on Hydrophobic Coatings Prepared by Different Processes and Their Deposition

Guest Editor:

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Deadline for manuscript submissions:

30 August 2024

Message from the Guest Editor

This Special Issue will focus on innovative research studies addressing the fabrication, characterization and application of hydrophobic coatings. The topics include, but are not limited to:

- Reviews of hydrophobic coatings, including preparation methods, characterizations, properties and application, etc.;
- The advanced preparation approaches to hydrophobic coatings on various substrates;
- The advanced characterization techniques for hydrophobic coatings (FIB-TEM, SEM, Raman, etc.);
- The correlation of microstructure, composition and properties;
- The degradation (corrosion/wear/mechanical/chemical) mechanism of hydrophobic coatings;
- First principles calculation or molecular dynamic (MD) simulations on the properties of hydrophobic coatings.

Authors are invited and welcome to submit original research papers, reviews and short communications.



mdpi.com/si/183504

Special Issue



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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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