

Special Issue

Anti-Adhesive Surfaces

Message from the Guest Editors

The “Anti-Adhesive Surfaces”, is devoted to research and review articles covering every aspect related to metallic, ceramic, polymeric, and composite coatings or modified surface layers aimed at reducing/minimizing surface adhesion to a broad range of counterparts, with experimental and/or modelling approaches. The topics covered by this Special Issue are not limited to superhydrophobic, superliquiphobic, and omniphobic surfaces, but also comprise anti-stain, anti-static, anti-icing, anti-fog, anti-bacterial, and anti-biofilm surfaces. In this regard, manuscripts focused on bio-inspired or naturally-inspired surfaces/coatings displaying one or more of these properties are very welcome. The topics of interest include but are not limited to antiadhesive surface/coatings for:

- applications in aerospace;
- automotive;
- biomedical applications;
- cookware and furniture;
- building and construction;
- textiles

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2020)



Coatings

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.1



mdpi.com/si/20933

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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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