

Special Issue

Surface Modification by Plasma-Based Processes

Message from the Guest Editor

Plasma-based processing technologies are of vital importance to several of the largest manufacturing industries in the world. Most recently, plasma processing technology has been used as a useful tool to modify the surface properties of different materials via the interaction of energetic particles (ions, electrons, neutrals) and photons with surface exposed to plasmas. The aim of this Special Issue is to present the state of the art of plasma technologies for surface modification based on the fundamental approach through a combination of original research papers, short communications, and review articles from leading research groups. I would like to invite you to submit your work to a Special Issue on “Surface Modification by Plasma-Based Processes”.

Guest Editor

Dr. Jongsik Kim

Korea Institute of Fusion Energy, Plasma E. I. Convergence Research Center, 814-2, Osikdo-dong, Gunsan-si, Jeonbuk 54004, Korea

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

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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.

Editors-in-Chief

Prof. Dr. Wei Pan

State Key Laboratory of New Ceramics and Fine Processing, School of Materials Science & Engineering, Tsinghua University, Beijing 100084, China

Dr. Emerson Coy

NanoBioMedical Centre, Adam Mickiewicz University in Poznań, ul. Wszechnicy Piastowskiej 3, 61-614 Poznań, Poland

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