

Special Issue

Advanced Coatings Through Magnetron Sputtering: Innovations and Applications

Message from the Guest Editor

We would like to invite you to submit your work to this Special Issue, entitled "Advanced Coatings Through Magnetron Sputtering: Innovations and Applications". This Special Issue seeks to gather a diverse range of theoretical and experimental research focused on the development of advanced coatings via magnetron sputtering techniques. These coatings are pivotal in enhancing material properties and performance across various high-tech industries, including aerospace, electronics, and biomedical sectors. The ability of the magnetron sputtering process to produce high-quality thin films with tailored functionalities, such as superior durability, corrosion resistance, and specific optical characteristics has been increasingly recognized in recent years. Its environmentally sustainable approach and scalability make it an attractive option for both small-scale and large-scale manufacturing, paving the way for innovative applications. We invite researchers to submit original research articles, comprehensive reviews, and concise communications that highlight innovative advancements in magnetron sputtering and its application in the production of advanced coatings.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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