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Microstructures and Electrical Conductivity of Thin Films

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closed (21 October 2021)

Message from the Guest Editors

During the last few decades, particular attention has been paid to the research on the surface microstructuring of thin films involving both the adoption of physical and chemical techniques and the subsequent testing of their electrical response. These efforts are aimed toward developing more efficient devices or to increase sensor performance. It has been also recognized that microstructures offer the possibility for a broad range of applications from bioelectronics to sensing and renewable energy. This Special Issue aims at providing an interdisciplinary overview on the most intriguing and original results and recent progress in surface roughening methods (including chemical or plasma/laser surface texturing) with a special emphasis on the correlation with modification/improvement of the electrical properties. Reports of potential foreseeable applications are also welcomed.

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Message from the Editor-in-Chief

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