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MXenes: Fundamentals and Applications

Eds. Inamuddin, Rajender Boddula and Abdullah M. Asiri

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This is the very first book on the highly promising topic of MXenes; focusing on their fundamental characteristics and properties, fabrication techniques and applications.

Keyword: MXenes, Nanomaterials, Two-dimensional Materials, Transition Metal Carbides, Transition Metal Nitrides, Electrical Conductivity, Hydrophilicity, Chemical Stability, Catalysis, Membrane Separation, Supercapacitors, Hybrid-ion Capacitors, Batteries, Flexible electronics, Hydrogen Storage, Nanoelectronics, Sensors, Energy R&D, Environmental Applications, Electronic Devices, Biomedical Applications

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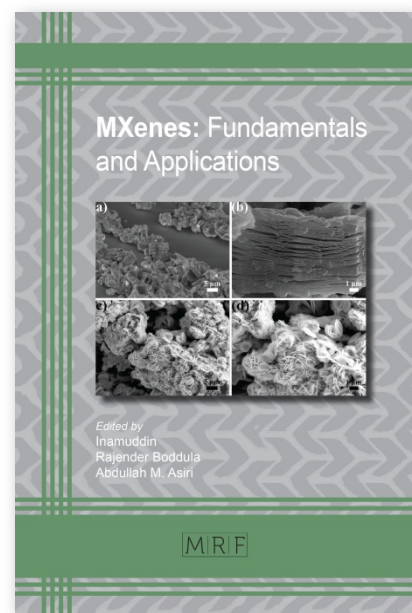
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