

1. Record Nr.	UNINA9910734356703321
Titolo	Electromaterials for Environment & Energy . Volume II // edited by Marc Cretin, Sophie Tingry and Zhenghua Tang
Pubbl/distr/stampa	[Place of publication not identified] : , : Multidisciplinary Digital Publishing Institute (MDPI), , 2023
Descrizione fisica	1 online resource (460 pages)
Disciplina	540.71
Soggetti	Chemistry - Study and teaching Science - Study and teaching
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In a developing world, the demands for energy, water and the damage to our environment are constantly increasing. Electrochemistry could be a great tool to solve these problems, with an impact that could minimize or at least control damage in our environment, since the main driver of the reaction is the electron that can be produced in a sustainable manner. In electrochemical approaches of energy conversion and production, drinking water production and wastewater treatment, the material synthesis and interface characterization are key components that greatly affect a system's performance. The Special Issue "Electromaterials for Environment & Energy" proposes a set of publications that covers a range of subjects and applications related to energy, water and environmental pollution treatment, with a focus on material and interface control for process optimization.