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""6.1. Introduction""""""6.2. Proposed Model on the Nano-hole""; ""6.3. Trying to Find Out the Nano-sized Holes on Graphite Material""; ""7. Propose of a Novel Method of Surface Activation for Improving the Li Insertion/Extraction Reaction""; ""7.1. Introduction""; ""7.2. Experimental""; ""7.3. Results and Discussion""; ""7.3.1. Mild Oxidation""; ""7.3.2. Metal Film Deposition Followed by Heating in Vacuum""; ""8. Electrochemical Properties of SEI For Li Insertion/Extraction""; ""8.1. Introduction""; ""8.2. Experimental""; ""8.3. Results and Discussion""; ""References""
""MOLECULE-SURFACE BINDING ENERGIES FROM MOLECULAR MECHANICS: NUCLEOBASES ON GRAPHENE""""""Abstract""; ""Introduction""; ""Porous-Low Coverage""; ""Rough Surface-Low Coverage""; ""Smooth Surface a€? Low Coverage""; ""Monolayer Coverage of Organic Molecules""; ""Theory""; ""Analysis and Results""; ""Discussion""; ""Conclusion""; ""Acknowledgment""; ""References"";
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""2.3. FurtherAnalysis and Characterisation""

Sommario/riassunto

Graphene is a nanomaterial combining very simple atomic structure with intriguingly complex and largely unexplored physics. This book presents the latest research in the field from around the world.