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Nota di contenuto	<p>""GRAPHENE AND GRAPHITE MATERIALS""; ""GRAPHENE AND GRAPHITE MATERIALS""; ""CONTENTS""; ""PREFACE""; ""RESEARCH AND REVIEW STUDIES""; ""ELECTROANALYSIS OF SOME BIOMOLECULES AT THE ELECTRODE MODIFIED BY CARBON NANO TUBES""; ""Abstract""; ""1. Introduction""; ""2. Fabrication of the Carbon Nano tubes Modified Electrodes""; ""3. Electrocatalytic Oxidation of Dopamine, Ascorbic Acid, and Nadph at the Swnts/Gc Electrode""; ""4. Direct Electron Transfer Reaction of Proteins/Enzymes at Swnts/Gc Electrode""; ""4.1. Direct ElectronTransfer of Heme Containing Proteins/Enzymes"" ""4.2. Direct Electron Transfer of Glucose Oxidase""""4.3. Direct Electron Transfer of Ferredoxin""; ""5. Rtils/Swnts Nanocomposites and their Application to the Direct Electrochemicstry of Heme Containing Proteins/Enzymes""; ""6. Conclusion""; ""Acknowledgments""; ""References""; ""SERENDIPITY IN THE STUDY OF THE GRAPHENE CARBON-LITHIUM REACTION SYSTEMS""; ""Abstract""; ""1. Introduction""; ""2. Under-Potential Deposition (UPD) of Li on the Carbon Surface""; ""2.1. Introduction""; ""2.2. Newly Found Phenomenon""; ""2.3. In Case of Activated Carbon"" ""3. Mass Transfer of Li in Metal at Room Temperature""""3.1. Introduction""; ""3.2. Experimental""; ""3.3. Results and Discussion""; ""4. Diffusion Coefficient of Li in Graphitized Carbon""; ""4.1. Introduction""; ""4.2. Experimental""; ""4.3. Results and Discussion"";</p>

""4.4. Determination of Chemical Diffusion Coefficient of Li in Carbon"";  
""5. Characterization of the Decomposition Reaction of Propylene  
Carbonate on A Graphite Anode""; ""5.1. Introduction""; ""5.2.  
Experiment and Results""; ""6. Postulate and Verification of the  
Presence of Nano-holes at the Graphene Layer""  
""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"";  
""LUBRICITY OF GRAPHITE ADDITIVES IN POLYIMIDE COMPOSITES AT  
VARIABLE HUMIDITY""; ""Abstract""; ""1. Introduction""; ""2.  
Experimentals Details""; ""2.1. Test Materials""; ""2.2. Tribological  
Testing Conditions""  
""2.3. FurtherAnalysis and Characterisation""

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