Power Ultrasound in Electrochemistry. From Versatile Laboratory Tool to Engineering Solution

Description: Power ultrasound in electrochemistry, or Sonoelectrochemistry, is a technology that is safe, cost effective, environmentally friendly and energy efficient. It has been successfully employed in water and soil remediation, synthesis and characterisation of nanostructures, organic synthesis, and polymerisation. Sonoelectrochemistry has wide applications in the chemical, food and processing industries, including heavy metals removal, surface treatment and preparation, and production of micro- and nano-sized pharmaceutical ingredients.

With contributions from leading practitioners in both industry and academia, Power Ultrasound in Electrochemistry: From Versatile Laboratory Tool to Engineering Solution is the first book to describe this exciting and promising technology.

Contents:

Foreword xiii
About the Editor xv
List of Contributors xvii
Acknowledgements xix
Introduction to Electrochemistry 1
Bruno G. Pollet and Oliver J. Curnick
I.1 Introduction 1
I.2 Principles of Electrochemistry 1
I.3 Electron-Transfer Kinetics 2
I.4 Determination of Overpotentials 10
I.4.1 Decomposition Voltages 10
I.4.2 Discharge Potentials 10
I.5 Electroanalytical Techniques 11
I.5.1 Voltammetry 11
I.5.2 Amperometry 17
1 An Introduction to Sonoelectrochemistry 21
Timothy J. Mason and Verónica Sáez Bernal
1.1 Introduction to Ultrasound and Sonochemistry 21
1.2 Applications of Power Ultrasound through Direct Vibrations 23
1.2.1 Welding 23
1.3 Applications of Power Ultrasound through Cavitation 25
1.3.1 Homogeneous Reactions 26
1.3.2 Heterogeneous Reactions Involving a Solid/Liquid Interface 26
1.3.3 Heterogeneous Liquid/Liquid Reactions 27
1.4 Electrochemistry 27
1.5 Sonoelectrochemistry The Application of Ultrasound in Electrochemistry 28
1.5.1 Ultrasonic Factors that Influence Sonoelectrochemistry 29
1.6 Examples of the Effect of Ultrasound on Electrochemical Processes under Mass Transport Conditions 32
1.7 Experimental Methods for Sonoelectrochemistry 34
1.7.1 Cell Construction 34
1.7.2 Stability of the Electrodes Under Sonication 36
1.7.3 Some Applications of Sonoelectrochemistry 38
2 The Use of Electrochemistry as a Tool to Investigate Cavitation Bubble Dynamics 45
Peter R. Birkin
2.1 Introduction 45
2.2 An Overview of Bubble Behaviour 46
2.3 Mass Transfer Effects of Cavitation 48
2.4 Isolating Single Mechanisms for Mass Transfer Enhancement 48
2.5 Electrochemistry Next to a Tethered Permanent Gas Bubble 51
2.6 Mass Transfer from Forced Permanent Gas Bubble Oscillation 55
2.7 Mass Transfer Effects from Single Inertial Cavitation Bubbles 62
2.8 Investigating Non-inertial Cavitation Under an Ultrasonic Horn 65
2.9 Measuring Individual Erosion Events from Inertial Cavitation 67
2.10 Conclusions 73
3 Sonoelectroanalysis: An Overview 79
Jonathan P. Metters, Jaanus Kruusma and Craig E. Banks
3.1 Introduction 79
3.2 Analysis of Pesticides 87
3.3 Quantifying Nitrite 87
3.4 Biogeochemistry 88
3.5 Quantifying Metal in 'Life or Death' Situations 89
3.6 Analysis of Trace Metals in Clinical Samples 90
3.7 Biphasic Sonoelectroanalysis 92
3.8 Applying Ultrasound into the Field: The Sonotrode 93
3.9 Conclusions 93
4 Sonoelectrochemistry in Environmental Applications 101
Pedro L. Bonete Ferrandez, Maria Deseada Esclapez, Veronica Saez Bernal and Jose Gonzalez-García

4.1 Introduction 101

4.2 Sonoelectrochemical Degradation of Persistent Organic Pollutants 102
4.2.1 Sonoelectrochemical Applications 102
4.2.2 Hybrid Sonoelectrochemical Techniques Applications 115

4.3 Recovery of Metals and Treatment of Toxic Inorganic Compounds 121

4.4 Disinfection of Water by Hypochlorite Generation 129

4.5 Soil Remediation 130

4.6 Conclusions 134

5 Organic Sonoelectrosynthesis 141
David J. Walton

5.1 Introduction 141

5.2 Scale-Up Considerations 142

5.3 Early History of Organic Sonoelectrochemistry 143

5.4 Electroorganic Syntheses 144
5.4.1 Electrodereuctions 144
5.4.2 Organochalcogenides 149
5.4.3 Synthetic Electrooxidations 151
5.4.4 Sonoelectrochemically Produced Electrode Coatings: Desirable and Undesirable 157

5.5 Other Systems 161
5.5.1 Hydrodynamics 161
5.5.2 Low-temperature Effects 162

5.6 Conclusions 163

6 Sonoelectrodeposition: The Use of Ultrasound in Metallic Coatings Deposition 169
Jean-Yves Hihn, Francis Touyeras, Marie-Laure Doche, Cedric Costa and Bruno G. Pollet

6.1 Introduction to Metal Plating 169
6.1.1 Why the Need to Cover Surfaces with Metals? 169
6.1.2 Process and Technology of Plating 170
6.2 The Use of Ultrasound in Surface Treatment 170
6.2.1 Ultrasound in the Cleaning Step for Surface Treatment Processes 170
6.3 Ultrasound and Plating: Why Study Plating under Sonication? 172
6.4 Electrodeposition Assisted by Ultrasound 173
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