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| Titolo | Middle adulthood [[electronic resource]] : a lifespan perspective / / editors, Sherry L. Willis, Mike Martin |
| Pubbl/distr/stampa | Thousand Oaks, Calif. ; ; London, : SAGE, c2005 |
| ISBN | 1-322-41740-7 1-4522-6243-8 |
| Descrizione fisica | 1 online resource (x, 425 p.) : ill |
| Altri autori (Persone) | WillisSherry L. <1947-> MartinMike <1965-> |
| Disciplina | 305.244 |
| Soggetti | Middle age Middle age - Social aspects Middle age - Health aspects Middle-aged persons - Mental health Middle-aged persons - Social conditions Life cycle, Human |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Cover; Contents; Preface; PART I: The Study of Middle Age; 1 - Historical Perspectives of Middle Age Within the Life Span; 2 - The Midlife Generation in the Family; PART II: Early Life Influences on Middle Age; 3 - Genetic Influences on Midlife Functioning; 4 - Personality in Young Adulthood and Functioning in Middle Age; 5 - Impact of Past Transitions on Well-Being in Middle Age; 6 - Cognitive Development in Midlife; 7 - The Development of Physical and Mental Health From Late Midlife to Early Old Age; 8 - Cognitive Trajectories in Midlife and Cognitive Functioning in Old Age 9 - Self-Development at Midlife 10 - Middle Age and Identity in a Cultural and Lifespan Perspective; 11 - Metacognition in Midlife; PART IV: Summary and Future Directions; 12 - Midlife Development; Author Index; Subject Index |
| Sommario/riassunto | Factors in adolescence and young adulthood can impact how we function in midlife, as can sociocultural factors, and how we develop in middle age can influence how well we cope in our later years. This book |

explores these issues by bringing together a group of contributors associated with longitudinal studies.

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| 2. Record Nr. | UNINA9911019678603321 |
| Autore | Azzaroni Omar |
| Titolo | Graphene Field-Effect Transistors : Advanced Bioelectronic Devices for Sensing Applications |
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| Altri autori (Persone) | KnollWolfgang |
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| Soggetti | Graphene Field-effect transistors |
| Lingua di pubblicazione | Inglese |
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| Nota di contenuto | Cover -- Title Page -- Copyright -- Contents -- Foreword -- Preface -- Chapter 1 2D Electronic Circuits for Sensing Applications -- 1.1 Introduction -- 1.2 Graphene Inductors -- 1.2.1 Modeling of Graphene Inductors -- 1.3 Graphene Capacitors -- 1.3.1 Modeling Graphene Capacitors -- 1.4 2D Material Transistors -- 1.4.1 Most Common Topologies for Transistors -- 1.4.2 Modeling of 2D Materials-Based Transistors -- 1.5 2D Material Diodes -- 1.5.1 Most Common Topologies -- 1.5.2 Modeling of 2D Materials-Based Diodes -- 1.6 Graphene Devices -- 1.6.1 Graphene Frequency Multipliers -- 1.6.2 Graphene Mixers -- 1.6.3 Graphene Oscillators -- 1.6.3.1 Ring Oscillators -- 1.6.3.2 LC Tank Oscillators -- 1.7 Conclusion -- References -- Chapter 2 Large Graphene Oxide for Sensing |

Applications -- 2.1 Graphene Oxide (GO) -- 2.2 GO as Biosensors -- 2.3 Large GO -- 2.4 Mechanism of Large GO via Modified Hummers Method -- 2.5 Large GO (Modified Hummers Method) Biosensors -- 2.6 Mechanism of Large GO via Reduced GO Growth -- 2.7 Large GO (Reduced GO Growth) Biosensors -- 2.8 Conclusion -- 2.9 Further Developments -- References -- Chapter 3 Solution-Gated Reduced Graphene Oxide FETs: Device Fabrication and Biosensors Applications -- 3.1 Introduction -- 3.2 Graphene, Graphene Oxide, and Reduced Graphene Oxide -- 3.2.1 Chemical Reduction -- 3.2.2 Thermal Reduction -- 3.2.3 Electrochemical Reduction -- 3.3 rGO-Based Solution-Gated FETs -- 3.3.1 Manufacturing Strategies -- 3.4 Applications of rGO SG-FETs as Biosensors -- 3.4.1 rGO Functionalization -- 3.4.2 Enzymatic Biosensors -- 3.4.3 Affinity Biosensors -- 3.4.4 Debye Length Screening and How to Overcome It -- 3.5 Final Remarks and Challenges -- Acknowledgments -- References -- Chapter 4 Graphene-Based Electronic Biosensors for Disease Diagnostics -- 4.1 Introduction -- 4.1.1 A Promise for Diagnostics.

4.1.2 Principle of Graphene FET Sensor -- 4.2 Device Fabrication Process -- 4.2.1 Graphene Synthesis -- 4.2.2 Graphene Transfer Over Substrates -- 4.2.3 Fabrication of GFET -- 4.2.4 New Developments -- 4.3 Functionalization and Passivation -- 4.3.1 Probe Molecules -- 4.3.2 Immobilization of Probe Molecules -- 4.3.3 Debye Length -- 4.3.4 Passivation -- 4.4 CVD GFETs for Diagnostics -- 4.4.1 Graphene-Based FET Biosensors for Nucleic Acids -- 4.4.2 Graphene-Based FET Biosensors for Antibody-Antigen Interactions -- 4.4.3 Graphene-Based FET Biosensors for Enzymatic Biosensors -- 4.4.4 Graphene-Based FET Biosensors for Sensing of Small Ions -- 4.5 Discussion -- 4.5.1 Summary -- 4.5.2 Challenges -- 4.5.3 Future Perspectives -- References -- Chapter 5 Graphene Field-Effect Transistors: Advanced Bioelectronic Devices for Sensing Applications -- 5.1 Introduction -- 5.1.1 Bioelectronic Nose Using Olfactory Receptor-Conjugated Graphene -- 5.1.2 Bioelectronics for Diagnosis Using Bioprobe-Modified Graphene -- 5.1.3 Biosensors for Environmental Component Monitoring Using Graphene -- 5.2 Conclusion -- Acknowledgments -- References -- Chapter 6 Thin-Film Transistors Based on Reduced Graphene Oxide for Biosensing -- 6.1 Introduction -- 6.2 Working Principle of TFT-Based Biosensing -- 6.3 TFTs Based on rGO for Biosensing -- 6.3.1 Protein Detection -- 6.3.2 Metal-Ion Detection -- 6.3.3 Nucleic Acid Detection -- 6.3.4 Small Biomolecular Biosensor -- 6.3.5 Living-Cell Biosensor -- 6.3.6 Gas Detection -- 6.4 Conclusion -- References -- Chapter 7 Towards Graphene-FET Health Sensors: Hardware and Implementation Considerations -- 7.1 Introduction to Health Sensing -- 7.2 Graphene-FET in Liquid for Sensing -- 7.2.1 Graphene Transistors -- 7.2.2 Graphene Hall Structures in Liquid -- 7.2.3 Graphene Membrane Transistors -- 7.3 Device Implementation Considerations.

7.3.1 Hardware and Instrumentation -- 7.3.2 Biostability and Biocompatibility -- 7.3.3 Medical Imaging Compatibility -- References -- Chapter 8 Quadratic Fit Analysis of the Nonlinear Transconductance of Disordered Bilayer Graphene Field-Effect Biosensors Functionalized with Pyrene Derivatives -- 8.1 Introduction -- 8.2 Fabrication of Graphene-Based Field-Effect Biosensors -- 8.3 Fundamental Sensing Parameters of Graphene-Based Field-Effect Biosensors -- 8.4 Disordered Bilayer Graphene Field-Effect Biosensors Functionalized with Pyrene Derivatives -- 8.5 Quadratic Fit Analysis of the Nonlinear Transconductance of Disordered Bilayer Graphene Field-Effect Biosensors -- 8.6 Conclusion -- Acknowledgment -- References --

Chapter 9 Theoretical and Experimental Characterization of Molecular Self-Assembly on Graphene Films -- 9.1 Introduction -- 9.2 Experimental Tools to Characterize Molecular Functionalization of Graphene -- 9.2.1 Considering the Three Distinct Techniques Available for Functionalizing Graphene Are the Outcomes of the Three Functionalization Techniques Consistent, Similar, Reproducible Across all Three Techniques? -- 9.2.2 What Tools and Methods Are Available to Perform Such a Characterization of Molecular Self-Assembly Across the Nano to Macro Scale? -- 9.3 Atomistic Insights to Guide Molecular Functionalization of Graphene -- References -- Chapter 10 The Holy Grail of Surface Chemistry of CVD Graphene: Effect on Sensing of cTNI as Model Analyte -- 10.1 Introduction -- 10.2 General Overview of CVD Graphene Production, Substrate Transfer and Characterization -- 10.3 Evaluation of Graphene Topographical Quality -- 10.4 CVD Graphene for FET-Based Sensing -- 10.4.1 Diazonium Chemistry on CVD Graphene -- 10.4.2 Pyrene Chemistry on CVD Graphene -- 10.5 Conclusion -- References.

Chapter 11 Sensing Mechanisms in Graphene Field-Effect Transistors Operating in Liquid -- 11.1 Introduction -- 11.2 Field-Effect Operation in Liquid Compared to Operation in Air -- 11.3 Caveats When Operating FETs in Liquid -- 11.4 Graphene FETs in Liquid -- 11.5 Measurement Modes -- 11.6 Using FETs for Sensing in Liquid - Sensing Mechanisms -- 11.7 The Electrochemical Perspective -- 11.8 The GLI and pH Sensing -- 11.9 Detection of Nucleic Acids -- 11.10 Other Examples -- 11.11 Concluding Remarks -- References -- Chapter 12 Surface Modification Strategies to Increase the Sensing Length in Electrolyte-Gated Graphene Field-Effect Transistors -- 12.1 Introduction -- 12.2 Ion-Exclusion and Donnan Potential -- 12.3 Surface Modification with Polymer Films -- 12.4 Surface Modification with Lipid Layers -- 12.5 Surface Modification with Mesoporous Materials -- 12.6 Kinetic Cost of Extending the Sensing Length -- 12.7 Conclusions -- References -- Chapter 13 Hybridized Graphene Field-Effect Transistors for Gas Sensing Applications -- 13.1 Introduction -- 13.2 Graphene -- 13.3 Graphene FET -- 13.4 Graphene in Gas Sensing -- 13.5 Graphene FET for Gas Sensing -- 13.6 Hybrid Graphene FET for Gas Sensing -- 13.7 Conclusion -- Acknowledgments -- References -- Chapter 14 Polyelectrolyte-Enzyme Assemblies Integrated into Graphene Field-Effect Transistors for Biosensing Applications -- 14.1 Introduction -- 14.2 Field-Effect Transistors Based on Reduced Graphene Oxide -- 14.3 Enzyme-Based GFET Sensors Fabricated via Layer-by-Layer Assembly -- 14.3.1 Layer-by-Layer (LbL) Assemblies of Polyethylenimine and Urease onto Reduced Graphene-Oxide-Based Field-Effect Transistors (rGO FETs) for the Detection of Urea -- 14.3.2 Ultrasensitive Sensing Through Enzymatic Cascade Reactions on Graphene-Based FETs -- 14.4 Conclusions -- References.

Chapter 15 Graphene Field-Effect Transistor Biosensor for Detection of Heart Failure-Related Biomarker in Whole Blood -- 15.1 Introduction -- 15.2 Experimental Systems and Procedures -- 15.2.1 Fabrication of GFET Sensor -- 15.2.2 Decoration of Platinum Nanoparticles -- 15.2.3 Surface Functionalization -- 15.2.4 Immunodetection in Whole Blood -- 15.2.5 Electrical Measurements -- 15.3 Sensing Principle of GFET for BNP Detection -- 15.4 Device Characterization -- 15.5 Sensing Performance -- 15.5.1 Stability and Reproducibility -- 15.5.2 Selectivity -- 15.5.3 Sensitivity -- 15.6 Clinical Application Prospects -- 15.7 Advantages, Limitations, and Outlook of the FET-Based BNP Assay -- References -- Chapter 16 Enzymatic Biosensors Based on the Electrochemical Functionalization of Graphene Field-Effect Transistors with Conducting Polymers -- 16.1 Introduction -- 16.2

Functionalization of Graphene Transistors with Poly(3-amino-benzylamine-co-aniline) Nanofilms -- 16.3 Construction of Acetylcholine Biosensors Based on GFET Devices Functionalized with Electropolymerized Poly(3-amino-benzylamine-co-aniline) Nanofilms -- 16.4 Glucose Detection by Graphene Field-Effect Transistors Functionalized with Electropolymerized Poly(3-amino-benzylamine-co-aniline) Nanofilms -- 16.5 Conclusions -- References -- Chapter 17 Graphene Field-Effect Transistors for Sensing Stress and Fatigue Biomarkers -- 17.1 Introduction -- 17.2 Molecular Biomarkers -- 17.3 Graphene Field-Effect Transistor Based Biosensors -- 17.3.1 Graphene -- 17.3.2 Structure of Graphene Field-Effect Transistors -- 17.3.3 Sensing Mechanism of GFET Biosensors -- 17.4 GFET Biosensor Fabrication -- 17.4.1 Graphene Production -- 17.4.2 Device Fabrication -- 17.4.3 Graphene Functionalization -- 17.5 GFET-Based Stress and Fatigue Biosensors -- 17.6 Flexible, Wearable GFET Biosensors, and Biosensor Systems. 17.7 Current Challenges and Future Perspective.

Sommario/riassunto

This book, edited by Omar Azzaroni and Wolfgang Knoll, explores the advanced applications of graphene field-effect transistors (FETs) in bioelectronic sensing devices. It covers a broad range of topics, including the modeling, fabrication, and application of graphene-based electronic components like inductors, capacitors, and diodes. Key focus areas include the use of graphene and its derivatives, such as graphene oxide and reduced graphene oxide, in biosensors for disease diagnostics, environmental monitoring, and health sensing. The book also discusses the mechanisms of graphene FETs operating in liquid environments, surface modification strategies for enhanced sensing capabilities, and hybrid graphene FETs for gas detection. Intended for researchers and professionals in the fields of materials science, electronics, and bioengineering, the book provides comprehensive insights into the potential of graphene technologies in developing innovative sensing solutions.
