1. Record Nr. UNINA9910136256403321

Titolo	A century of parasitology : discoveries, ideas and lessons learned by scientists who published in the journal of parasitology, 1914-2014 / / edited by John Janovy, Jr and Gerald W. Esch ; contributors, M. Leopoldina Aguirre-Macedo [and twenty-six others]
Pubbl/distr/stampa	West Sussex, England : , : Wiley, , 2016 ©2016
ISBN	1-118-88478-7 1-118-88479-5 1-118-88477-9
Descrizione fisica	1 online resource (599 p.)
Classificazione	SCI070000
Disciplina	591.524
Soggetti	Parasitology - History
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	Title Page; Copyright; Dedication; Table of Contents; List of contributors; Preface; Chapter 1: A century of parasitology: 1914-2014; Literature cited; Part I: Systematics and Diversity; Chapter 2: Some New Gregarine Parasites from Arthropoda; Parasitic protozoology and the scientific lessons of intellectual elegance; A lesson learned from the history of parasitology; Diversity; Suitability; Malleability; Feasibility; Comparability; Scalability; Conclusions and lessons; Acknowledgments; Literature cited; Chapter 3: Notes on Two Cestodes from the Spotted Sting-Ray Helminth biodiversity research transformed by a century of evolutionary thoughtRules of nomenclature; Technology; Phylogenetic (analytical) methods; Synthesis and integration of knowledge and ideas; Applications to helminth biodiversity studies; Present day; The future; Lessons learned; Literature cited; Chapter 4: Eorhynchus: A Proposed New Name for Neorhynchus Hamann Preoccupied*; Acanthocephala in The Journal of Parasitology, 1914-2014; Classical taxonomy; Molecular-evolutionary taxonomy; Life cycles; Behavioral studies Ecological, seasonal and geographical distribution, and host-parasite relationshipsAnatomy and ultrastructure; Experimental studies;

Surveys, other endeavors, and conclusions; Literature cited; Chapter 5: Tocotrema Lingua (Creplin) the Adult Stage of a Skin Parasite of the Cunner and other Fishes of the Woods Hole Region; A century (1914-2014) of studies on marine fish parasites published in The Journal of Parasitology; The database on parasites of marine fishes in JP and the trends of its sub-disciplines divided into 10-year periods
Methods for using parasites as bioindicators of environmental qualityWhere have we come from? The first 80 years of knowledge on parasites of marine fishes in JP; Where are we now? Modern times and the arrival of the Internet; The meta-analysis; The performance of JP in comparison with other journals; Where do we go from here?; Environmental drivers of the probability of occurrence of the parasites of flatfishes in the southern Gulf of Mexico; General conclusions; Acknowledgments; Literature cited; Part II: Ecology and Life History Chapter 6: Seasonal Fluctuation in the Infestation of Planorbis Trivolvis with Larval Trematodes*An overview of the history and advances in the population ecology of parasites; The early years; Theoretical advances; Key studies; Cecal nematodes in red grouse; Methodological and conceptual advances; Conclusions and lessons; Acknowledgments; Literature cited; Chapter 7: Microevolution and the Genetic Structure of Parasite Populations; History of microevolutionary thought in parasitology: The integration of molecular population genetics; A very brief recap of population genetics history
The snail's pace flow of molecular population genetics into parasitology

Sommario/riassunto

"A celebration of the long shelf life and intellectual breadth of this journal, along with the rich history of parasitology, especially as manifest by American parasitologists and their colleagues from around the world"--

2. Record Nr. UNINA9910830130203321

Titolo	Industrial gases processing / / edited by Heinz-Wolfgang Haring ; translated by Christine Ahner
Pubbl/distr/stampa	Weinheim, Germany : , : Wiley-VCH Verlag GmbH & Co. KGaA, , 2008 ©2008
ISBN	1-282-78422-6 9786612784224 3-527-62125-3 3-527-62124-5
Descrizione fisica	1 online resource (312 p.)
Classificazione	58.14 58.20
Disciplina	665.7
Soggetti	Gas manufacture and works
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chaptes and index.
Nota di contenuto	Industrial Gases Processing; Foreword; Contents; List of Contributors; 1 Introduction; References; 2 The Air Gases Nitrogen, Oxygen and Argon; 2.1 History, Occurrence and Properties; 2.1.1 Nitrogen; 2.1.1.1 History; 2.1.1.2 Occurrence; 2.1.1.3 Physical and Chemical Properties; 2.1.2 Oxygen; 2.1.2.1 History; 2.1.2.2 Occurrence; 2.1.2.3 Physical and Chemical Properties; 2.1.3 Argon; 2.1.3.1 History; 2.1.3.2 Occurrence; 2.1.3.3 Physical and Chemical Properties; 2.2 Recovery of Nitrogen, Oxygen and Argon; 2.2.1 Introduction 2.2.2 Application Range of Membrane Separation, Pressure Swing Adsorption and Cryogenic Rectification2.2.3 Nitrogen Recovery with Membranes; 2.2.3.1 Physical Principle; 2.2.3.2 Membrane Technology; 2.2.3.3 Design; 2.2.4 Nitrogen and Oxygen Recovery by Means of Pressure Swing Adsorption; 2.2.4.1 Physical Principle; 2.2.4.2 Properties of Molecular Sieves; 2.2.4.3 Nitrogen Recovery; 2.2.4.4 Oxygen Recovery; 2.2.5 Cryogenic Rectification; 2.2.5.1 Process with Air Booster and Medium-Pressure Turbine for the Recovery of Compressed Oxygen, Nitrogen and Argon; 2.2.5.2 Internal

Compression
2.2.5.3 Nitrogen Generators2.2.5.4 Liquefiers; 2.2.5.5 High-purity Plants; 2.2.5.6 Apparatus; 2.2.5.7 Design, Assembly and Transport of the Coldbox; 2.3 Safety Aspects; 2.3.1 Introduction; 2.3.3 Air Pollution; 2.3.4 Ignition in Reboilers; 2.3.5 Other Hazards in Air Separation Units; 2.4 Process Analysis Air Separation Units; 2.5 Applications of the Air Gases; 2.5.1 Applications of Nitrogen; 2.5.1.1 Applications of Nitrogen for Inerting and Purging; 2.5.1.2 Applications of Nitrogen for Cooling, Preserving and Deep-Freezing; 2.5.2 Applications of Oxygen; 2.5.3 Applications of Argon; References
3 The Noble Gases Neon, Krypton and Xenon3.1 History and Occurrence; 3.2 Physical and Chemical Properties; 3.3 Recovery of Krypton and Xenon; 3.3.1 Pre-enrichment in the Air Separator; 3.3.2 Recovery of Pure Kr and Xe; 3.3.2.1 Catalytic Combustion of Hydrocarbons; 3.3.2.2 Cryogenic Separation; 3.4 Recovery of Neon; 3.4.1 Pre-enrichment; 3.4.2 Fine Purification; 3.5 Industrial Product Purities and Analytics; 3.6 Applications of the Noble Gases Neon, Krypton and Xenon; 3.6.1 Applications of Neon; 3.6.2 Applications of Krypton; 3.6.3 Applications of Xenon; References; 4 The Noble Gas Helium
4.1 History, Occurrence and Properties4.1.1 History; 4.1.2 Occurrence; 4.1.3 Physical and Chemical Properties; 4.2 Recovery; 4.3 Applications; References; 5 Hydrogen and Carbon Monoxide: Synthesis Gases; 5.1 History, Occurrence and Properties; 5.1.1 Introduction; 5.1.2 History of Synthesis Gas; 5.1.3 Hydrogen; 5.1.3.1 History and Occurrence; 5.1.3.2 Physical and Chemical Properties; 5.1.4 Carbon Monoxide; 5.1.4.1 History and Occurrence; 5.1.4.2 Physical and Chemical Properties; 5.2 Production of Synthesis Gas; 5.2.1 Production of Hydrogen by Electrolysis
5.2.2 Production of Synthesis Gas from Hydrocarbons

Sommario/riassunto

Almost every modern manufacturing process relies on industrial gases, and sales of such gases are expected to rise by around 45% over the next five years.Here, experienced and authoritative experts from one of the two world's largest producer of industrial gases impart their knowledge on atmospheric, noble and synthesized gases, carbon dioxide, LNG, acetylene and other fuel gases, as well as special and medical gases. Modern applications, e.g., the use of hydrogen in fuel cells, are included as well. This practical text is rounded off by a section on logistics.