

<<应用化学专业英语教程>>

图书基本信息

书名：<<应用化学专业英语教程>>

13位ISBN编号：9787122098641

10位ISBN编号：7122098648

出版时间：2011-1

出版时间：化学工业出版社

作者：朱红军，吕志敏 主编

页数：257

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<应用化学专业英语教程>>

内容概要

本教材用英语介绍了一般科技论文的写法,包括标题、摘要、文献等,同时还介绍了从事化学工作的基础知识,如实验室工作的注意事项、安全要求、反应的跟踪、产物分离和表征等;分单元介绍了无机化学、有机化学、物理化学、分析化学、材料化学、环境化学、生物化学、皮革化学、印染化学和药物化学等专业知识。

本次修订,对新单词加注了音标,便于读者阅读,为国际交流打下基础;同时在材料化学部分增加电子发光和分子电子材料两部分的内容,以使本教材更贴近学科发展前沿。

本书可作为化学类及其相关专业如轻化工程、环境工程、食品、生物工程等专业的教材,也可作为科技英语的入门读物。

<<应用化学专业英语教程>>

书籍目录

Unit 1 Scientific Paper and Literature Lesson 1 Writing a Scientific Paper Lesson 2 The Abstract Lesson 3 The Introduction, the Body and the Conclusions Lesson 4 Ethical Guidelines to Publication of Chemical Research Lesson 5 The Chemical Literature Lesson 6 Technical Communications for Graduate Students Unit 2 Work in Chemical Laboratory Lesson 7 General Instructions for Work in the Laboratory Lesson 8 The Importance of Record Keeping Lesson 9 A General Safety Considerations Unit 3 Nomenclature Lesson 10 Nomenclature of Organic Compounds Lesson 11 Nomenclature of Inorganic Compounds Unit 4 Elementary Techniques of Experiment Lesson 12 Reaction Monitoring Lesson 13 Some Methods of Separation Lesson 14 Characterization Unit 5 Inorganic Chemistry Lesson 15 Introduction to Inorganic Chemistry Lesson 16 Coordination Chemistry Unit 6 Analytical Chemistry Lesson 17 Introduction of Analytical Chemistry Lesson 18 Electronic Effects of Substituents in Reactions, Acidity Constant Determination Lesson 19 Forensic Chemistry: Detecting Traces of Blood Lesson 20 Standard Test Method for Water in Liquid Petroleum Products by Karl Fischer Reagent Lesson 21 Isolation of an Alkaloid: Caffeine Unit 7 Physical Chemistry Lesson 22 First Law of Thermodynamics Lesson 23 Enthalpy Lesson 24 Bond Energies Lesson 25 Second Law of Thermodynamics Lesson 26 Heat of Reaction: Measurement of Resonance Energy Lesson 27 Kinetic and Thermodynamic Reaction Conditions Lesson 28 Electrochemistry Lesson 29 Asymmetric Synthesis Lesson 30 Linus Pauling Lesson 31 Surfactants Unit 8 Organic Chemistry Lesson 32 Cyclohexylmethanol Lesson 33 Methyl Red Lesson 34 Addition across Carbon-Carbon -Bonds Lesson 35 Discovery of the Diels-Alder Reaction Lesson 36 Discovery of the Friedel-Crafts Reaction Lesson 37 The Wittig Reaction Lesson 38 Grignard and the Beginnings of Modern Organometallic Chemistry Lesson 39 Discovery of Stereoisomers Lesson 40 Natural Products Unit 9 Biochemistry Lesson 41 Biochemical Engineering, Cells and Bacteria Lesson 42 Emil Fischer: Carbohydrate Chemist Extraordinaire Lesson 43 Biological Treatment of the Effluent Unit 10 Materials Science Lesson 44 Polymers Lesson 45 Discovery of Polyethylene and Nylon Lesson 46 Corrosion and Process Safety Lesson 47 Organic Light Emitting Devices Lesson 48 Molecular Electronics Unit 11 Water Treatment and Environmental Science Lesson 49 Activated Sludge Processes Lesson 50 Coagulation and Flocculation Lesson 51 Reverse Osmosis Lesson 52 Water and Wastewater Treatment Methods Lesson 53 Water Supply 7" Lesson 54 Clean Energy for 10 Billion Humans in the 21st Century Is it Possible? .. Unit 12 Pharmacy Lesson 55 Discovery of Sulfa Drugs Lesson 56 Medical Diagnostics via Nuclear Magnetic Resonance Spectroscopy Unit 13 Chemistry and Engineering of Textiles Lesson 57 Textiles Unit 14 Leather Appendix Bibliography

<<应用化学专业英语教程>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介, 请支持正版图书。

更多资源请访问:<http://www.tushu007.com>