Record Nr.	UNINA9910807755703321
Titolo	Precious Metals 1982 : proceedings of the Sixth International Precious Metals Institute Conference, held in Newport Beach, CA, USA, June 7- 11, 1982 / / editor, M. I. El Guindy
Pubbl/distr/stampa	Ontario, Canada : , : Pergamon Press Canada Ltd., , 1983 ©1983
ISBN	1-4831-8948-1
Descrizione fisica	1 online resource (672 pages) : illustrations
Disciplina	669/.2
Soggetti	Precious metals
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 indexes.
Nota di contenuto	Front Cover; Precious Metals 1982; Copyright Page; Table of Contents; INTERNATIONAL PRECIOUS METALS INSTITUTE; 6TH INTERNATIONAL PRECIOUS METALS CONFERENCE; PREFACE; Part 1: Distinguished Achievement Award Presentation; CHAPTER 1. SOLIDIFICATION FUNDAMENTALS OF JEWELRY AND DENTAL CASTING; ABSTRACT; KEYWORDS; INTRODUCTION; SOME CASTING CHALLENGES; EXPERIMENTAL PROCEDURE; RESULTS; DISCUSSION OF RESULTS; ACKNOWLEDGEMENTS; Part 2: Health and Environment; CHAPTER 2. SILVER IN RADIOLOGY; ABSTRACT; KEYWORDS; FILM QUALITY; REFERENCES CHAPTER 3. POLLUTION CONTROL IN RECLAIMING/REFINING OF PRECIOUS METALS KEYWORDS; INTRODUCTION; SOURCES OF EMISSIONS TO BE TREATED; SCRUBBING TECHNOLOGIES - ALTERNATIVES:; Part 3: Catalysis; CHAPTER 4. NEW CATALYTIC ABATEMENT PRODUCT DECOMPOSES IN JET AIRCRAFTPASSENGER CABINS; ABSTRACT; KEYWORDS; I. INTRODUCTION; II. PROCESS CHEMISTRY; III. LABORATORY PROGRAM; IV. COMMERCIAL DEVELOPMENT PROGRAM; V. PRODUCT DESCRIPTION AND PERFORMANCE; ACKNOWLEDGEMENT; REFERENCES; CHAPTER 5. PLATINUM CATALYSTS FOR PURIFYING DIESEL ENGINE EXHAUST GASES; ABSTRACT; KEYWORDS; I. INTRODUCTION II. EVALUATION TESTS IN LABORATORY III. DYNAMOMETER TESTS; IV. TESTS IN THE MINE; V. CONCLUSION; REFERENCES; CHAPTER 6. THE

1.

ENHANCEMENT OF PLATINUM'S CATALYTIC ACTIVITY BY RHENIUM AND OTHER ELEMENTS: KEYWORDS: ACKNOWLEDGEMENT: REFERENCES: Part 4: Mining and Minerals Resources; CHAPTER 7. PLATINUM, AN ANALYSIS OF WORLD AVAILABILITY; ABSTRACT; KEYWORDS; INTRODUCTION; GEOLOGY AND RESOURCES; MASS EVALUATION AND ANALYSIS PROCEDURE; ANALYSIS OF FACTORS AFFECTING PLATINUM AVAILABILITY; SUMMARY AND CONCLUSIONS; REFERENCES CHAPTER 8. FUTURE NEW PRIMARY SOURCES OF GOLD AND SILVER IN THE WESTERN HEMISPHERE KEYWORDS; I. CHANGING ECONOMICS; II. DEVELOPING GEOLOGICAL IDEAS; III. NEW GOLD-SILVER DISCOVERIES; IV. IMPROVED MINING AND METALLURGICAL TECHNIQUES; V. SHIFTING INVESTMENT CLIMATES; SUMMARY; CHAPTER 9. GOLD AND THE NEW GOLD RUSH IN CANADA AND ONTARIO: KEYWORDS: GOLD OUTPUT: ONTARIO AND CANADA: SOUTH AFRICA: SOVIET GOLD: CURRENT GOLD PRICE TREND; THE FUTURE; CHAPTER 10. GOLD: MINERALOGY AND METAL EXTRACTION; ABSTRACT; KEYWORDS; INTRODUCTION; MINERALOGICAL TECHNIQUES FOR THE STUDY OF GOLD SAMPLES; **MINERALOGY** METALLURGY RECOVERY OF GOLD FROM LOWER GRADE AND REFRACTORY ORES; CONCLUSIONS; ACKNOWLEDGEMENTS; **REFERENCES; CHAPTER 11. INOVATIONS IN COLD AND SILVER** RECOVERY; INTRODUCTION; FACTORS LEADING TO PROCESS RENAISSANCE; KEY PROCESS INNOVATIONS; HEAP LEACHING; CARBO NI PULP: CARBON ELUTION: CARBON REGENERATION: CARBON CONDITIONING: ION EXCHANGE: ACID WASHING OF CARBON; ELECTROWINNING; CRUSHING; PRECONCENTRATION; EFFLUENT TREATMENT; CONCLUSIONS; REFERENCES; CHAPTER 12. FACTORS

AFFECTING THE SELECTION OF HEAP LEACH SYSTEMS; KEYWORDS; HEAP LEACH AS DISTINGUISHED FROM VAT LEACHING ; BARRIERS TO HEAP

LEACHING