

1. Record Nr.	UNINA9910778409503321
Autore	Marsden John <1960->
Titolo	The chemistry of gold extraction [[electronic resource] /] / John O. Marsden and C. Iain House
Pubbl/distr/stampa	Littleton, Colo., : Society for Mining, Metallurgy, and Exploration, c2006
ISBN	1-61344-068-5 0-87335-274-2
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (674 p.)
Altri autori (Persone)	Houselain <1959->
Disciplina	669/.22
Soggetti	Gold - Metallurgy Gold ores Hydrometallurgy Extraction (Chemistry)
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 (p. 627-628) and index.
Nota di contenuto	Preliminaries; Contents; CHAPTER 1 HISTORICAL DEVELOPMENTS; CHAPTER 2 ORE DEPOSITS AND PROCESS MINERALOGY; CHAPTER 3 PROCESS SELECTION; CHAPTER 4 PRINCIPLES OF GOLD HYDROMETALLURGY; CHAPTER 5 OXIDATIVE PRETREATMENT; CHAPTER 6 LEACHING; CHAPTER 7 SOLUTION PURIFICATION AND CONCENTRATION; CHAPTER 8 RECOVERY; CHAPTER 9 SURFACE CHEMICAL METHODS; CHAPTER 10 REFINING; CHAPTER 11 EFFLUENT TREATMENT; CHAPTER 12 INDUSTRIAL APPLICATIONS; APPENDIX A SYMBOLS AND ABBREVIATIONS; APPENDIX B UNITS AND CONVERSION FACTORS; INDEX
Sommario/riassunto	The Chemistry of Gold Extraction provides the broad base of knowledge now required by all those working in the gold extraction and gold processing industries. The book bridges the gap between research and industry by emphasizing the practical applications of chemical principles and techniques. The technical reference includes in-depth discussions on historical developments; ore deposits and process mineralogy; process selection; principles of gold hydrometallurgy; oxidative pretreatment; leaching; solution purification and concentration; recovery; surface chemical methods; refining;

effluent t
