

1.	Record Nr.	UNINA990009405820403321
	Autore	Trizzino, Lucio
	Titolo	SS. Trinità alla Zisa : progetto di restauro / Lucio Trizzino
	Pubbl/distr/stampa	[Palermo] : Libreria D. Flaccovio editore, stampa 1979
	Descrizione fisica	104 p. : ill. ; 24 cm
	Locazione	DARST
	Collocazione	50.378
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNISALENTO991001026209707536
	Autore	Mead, G.
	Titolo	Introduction to space science / edited by W.N. Hess, G. Mead
	Pubbl/distr/stampa	New York : Gordon and Breach Science Publishers, 1968
	Edizione	[2nd ed., rev. and enl.]
	Descrizione fisica	xviii, 1056 p. : ill. ; 24 cm.
	Classificazione	52.9.5 520 QB500
	Altri autori (Persone)	Hess, Wilmot N.
	Soggetti	Space sciences
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes bibliographies.

3. Record Nr.	UNINA9911006643603321
Titolo	Advances in gold ore processing / / edited by Mike D. Adams
Pubbl/distr/stampa	Boston, : Elsevier, 2005
ISBN	1-280-63096-5 9786610630967 0-08-045908-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (1077 p.)
Collana	Developments in mineral processing, , 0167-4528 ; ; 15
Altri autori (Persone)	AdamsMike D
Disciplina	669/.22
Soggetti	Gold ores - Research Ore-dressing - Research
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; Advances in Gold Ore Processing; Contributors; Table of Contents; Preface; Acknowledgements; List of Acronyms; List of Mineral Formulae; Gold - An historical introduction; Gold in Ancient Egypt; Early Gold-Mining Centers; Gold and Alchemy; Uses of Gold; Gilding; Gilding of metals; Gilding of glass and porcelain; Gold in the glass industry; Occurrence of Gold; Processing of Gold Ores; Gold panning; Amalgamation; Chlorination; Cyanidation; Refining of gold; Some recent trends in gold ore processing; Gold Standards and Assaying; Gold in Currency; Banks; Gold Museums; Suggested Reading Part I. Project Developmentl.1 Feasibility Study Management; Sampling procedures; Introduction; Sampling Basics; Importance of minimizing bias; Overall precision; Components of Sampling Error; Preparation error; Delimitation and extraction errors; Weighting and periodic quality fluctuation errors; Fundamental error and minimum sample mass; Percussion Hole Sampling; Blast-Hole Sampling; Plant Sampling; Sampling from Stationary Situations; Sampling from stockpiles; Sampling from trucks and railway wagons; Sampling from holding tanks and vessels; Sample Processing; Conclusions; References Mineralogical investigation of gold oresGold Mineralogy; Gold minerals and alloys; Solid-solution gold; Colloidal gold; Surface gold; Forms and carriers of gold; Process Mineralogy of Gold; Gravity concentration;

Floatability of gold minerals and carriers; Size and shape of gold grains; Silver content of native gold; Activators and depressants; Collector loading; Composition of gold mineral; Leachability of gold minerals; Cyanidation in leach tanks; Heap leaching; Other lixiviants; Response to oxidative pretreatment; Process mineralogy of gold from autoclave-CIL circuits
Process mineralogy of gold from roaster-CIL circuits
Process mineralogy of gold from bio-oxidized leach circuits; Response to ultrafine grinding CIL; Methodology for Studying Gold Minerals; Instrumental Analysis for Gold; Concluding Remarks; Acknowledgments; References; Process flowsheet selection; Introduction; Comminution Process Options; Overview; Ore characteristics; Throughput; Downstream process requirements; Operating cost; Free-Milling Ore Process Options; Overview; Site-specific issues; Gravity-recoverable gold; Treatment of high-silver ores; Complex Ore Process Options; Overview
Treatment of high-copper ores
Preg-robbing ores; Oxygen-consuming ores; Issues associated with mercury; Refractory Ore Process Options; Refractory Process Selection; Factors for consideration in Refractory Process Selection; Gold mineralogy; Arsenic content; Sulfide content; Gangue mineralogy; Ore variability; Project scale; Incremental gold recovery; Flotation performance; Site-specific environmental considerations; Project location and infrastructure; Water quality and availability; Power costs; Availability of neutralization reagents; Cyanide consumption and costs; Project life
Ability to pilot

Sommario/riassunto

The gold processing industry is experiencing change. As free-milling and oxide ores become depleted, more complex polymetallic and refractory ores are being processed, coupled with increasing pressure for stricter environmental compliance. Recent years have also seen a steady reduction in mineral processing and metallurgy graduates and a gradual loss of older operating experience. A contribution to documenting current and future best practice in gold ore processing seems timely. The focus of this volume is on advances in current gold plant operation, from conception to closure; chapt
