1. Record Nr. UNISA990000589840203316

Titolo	I paesi andini / testi scritti e commentati a cura di Guido Guidi, Eduardo Rozo Acuna ; prefazione di Giorgio Lombardi (1)
Pubbl/distr/stampa	Milano : Giuffrè, 1990
ISBN	88-14-02452-8
Descrizione fisica	319 p. ; 20 cm
Disciplina	342
Soggetti	Costituzioni politiche
Collocazione	XXIX.2.C. 50 1 (CODEX 291/1)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Tit. della copertina

2. Record Nr. UNINA9910774868303321

Autore	Adessi Alessandra
Titolo	Hydrogen production using Purple Non-Sulfur Bacteria (PNSB) cultivated under natural or artificial light conditions with synthetic or fermentation derived substrates / / Alessandra Adessi
Pubbl/distr/stampa	Firenze : , : Firenze University Press, , 2013
Descrizione fisica	1 online resource (125 pages)
Disciplina	630.72
Soggetti	Agriculture - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The aim of this thesis was to verify the feasibility of the hydrogen

production process with purple non sulfur bacteria both under sunlight irradiation in an up-scaled system and with the use of low cost substrates. Among the products offermentations tested the best results were obtained with a medium derived from vegetable wastes. The use of a genetically modified strain of Rhodopseudomonas palustris insensitive to ammonium opened the way towards the use of wastes with attainment of high hydrogen yields also in inhibiting conditions. The experimentation carried out under natural irradiation demonstrated the full feasibility of the process using sunlight instead of artificial light in a semi-pilot reactor: the production rates were the highest so far reported for comparable outdoor systems.