1. Record Nr. UNINA9910132274903321

Autore	Portugal Ana Raquel
Titolo	O ayllu andino nas crônicas quinhentistas [[electronic resource] /] / Ana Raquel Portugal
Pubbl/distr/stampa	SciELO Books - Editora UNESP, 2009 São Paulo : , : Editora UNESP, , 2009
ISBN	9788579830006 (PDF ebook)
Descrizione fisica	1 online resource (208 pages) : illustrations, maps
Disciplina	980
Soggetti	Latin America Regions & Countries - Americas History & Archaeology
Lingua di pubblicazione	Portoghese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Neste livro são analisadas as representações do ayllu da América andina a partir dos dados históricos e etnográficos encontrados nas crônicas indígenas e espanholas do século XVI. O ayllu pré-hispânico era um grupo ligado por sistema de parentesco que mantinha relações de reciprocidade produtiva para subsistência de seus integrantes. No período colonial, ele adquiriu um caráter primordialmente territorial com a finalidade de armazenar mão-de-obra, passando a ser representado como uma organização medieval européia. Ao desfazer alguns equívocos historiográficos sobre o assunto, esta obra contribui para o conhecimento da História colonial da América Hispânica.

2. Record Nr. UNINA9910566477703321

Autore	Monfort Olivier
Titolo	Photocatalytic Processes for Environmental Applications
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (148 p.)
Soggetti	Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This Special Issue on "Photocatalytic Processes for Environmental Applications" offers an overview of the different photochemical processes (photocatalysis, photo-Fenton, and photolysis) triggered by different inorganic compounds that can be used for environmental applications, including water treatments. Photocatalytic mechanisms are based on the generation of electron/hole (e/h+) pairs under suitable irradiation (h > Eg). For water treatment, these charge carriers can form reactive oxygen species (ROS), such as hydroxyl and superoxide anion radicals, that degrade aqueous organic pollutants efficiently. In this Special Issue, different heterogeneous photocatalysts, including TiO2, CdS, CoFe2O4 and vanadium-based oxides, are discussed regarding their efficiency in the degradation of organic pollutants in water. In addition, some of these photocatalysts are composed of chemical elements that are active in Fenton-based processes, thus exhibiting enhanced degradation extents. In addition to the use of materials in water treatments, homogeneous systems, including Fe(III)-EDDS photo-Fenton and H2O2 photolysis, are also discussed to provide further possibilities for photochemically-assisted water treatments. Another interesting method related to the efficient treatment of water is the use of photoelectrochemical (PEC) systems, where the WO3 photoanode can produce H2O2, which can be subsequently used as a reactant in photocatalysis, photo-Fenton and photolysis systems.