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In this issue

Research Article

Open Access Research Article PTZAID:OJB-7-125

Bacteriology of chicken meat samples from Bharatpur, Chitwan, Nepal

Published On: December 29, 2023 | Pages: 016 - 024

Author(s): Anup Subedee* and Namuna Paude

Many food-borne diseases are associated with the consumption of chicken meat and thus are of public health significance worldwide. A cross-sectional study was done to isolate, identify, and characterize bacteria from chicken meat samples of Bharatpur, Chitwan. A total of 102 samples were randomly collected and processed at the Microbiology laboratory of Birendra Multi ...

Abstract View Full Article View DOI: 10.17352/ojb.000025

Open Access Research Article PTZAID:OJB-7-124

Extraction of silica from natural deposits for the production of silicon in photovoltaic applications

Published On: December 12, 2023 | Pages: 011 - 015

Author(s): Asmaa Zeboudj* and Saad Hamzaoui

The Silica, primarily sourced from silicon dioxide (SiO2) is a common chemical compound abundant in nature, existing in various forms such as quartz, sand, glass, and diverse minerals. It finds extensive use across multiple industries, contributing significantly to glassmaking, ceramics, abrasives, refractory materials, and serving as a crucial component in semiconduc ...

Abstract View Full Article View DOI: 10.17352/ojb.000024

Review Article

Open Access Review Article PTZAID:OJB-7-123

Systematic review–how do we identify urinary tract infections today?

Published On: May 20, 2023 | Pages: 001 - 010

Author(s): Marina eprnja*, Damir Oros, Andrea Janeš, Jurica Žuko, Karmela Bariši, Jasenka Škrlin and Antonio Starevi

Standard urine culture is still considered a gold standard in the identification of Urinary Tract Infections (UTIs), but is time-consuming and in approximately 20% of patients with UTI symptoms produces false-negative results. Medical and scientific communities are in search of a faster, more accurate, yet affordable method with high clinical utility. As a supplement ...

Abstract View | Full Article View | DOI: 10.17352/ojb.000023