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Biotechnology

ENERGY SOURCES AFFECT IN VITRO PROPAGATION AND SUBSEQUENT ACCLIMATIZATION OF ANANAS COMOSUS, VAR. SMOOTH CAYENNE PLANTS

Authors: **Ayelign Mengesha, Biruk Ayenew, Tewodros Tadesse**

Article type: Regular Article of Biotechnology 

Keywords: *Acclimatization, Ananas comosus, cheap alternative, energy sources, in vitro mass propagation*

XMLs: NLM DTD xml | Copernicus xml

Pages: 2372 to 2376

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STATISTICAL OPTIMIZATION OF MEDIUM COMPONENTS FOR HEMICELLULOSE PRODUCTION USING TAPIOCA STEM

Authors: **Riswan Ali S. B., Muthuvelayudham R., Viruthagiri T.**

Article type: Regular Article of Biotechnology 

Keywords: *Xylanase, Plackett-Burman design, Tapioca stem, Cellulomonas fimi, central composite design, response surface methodology*

XMLs: NLM DTD xml | Copernicus xml


Pages: 2377 to 2382

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THERMAL OXIDATION KINETIC OF SESAME OIL (SESAMUM INDICUM L.) BY ¹H NMR

Authors: **Egon Schnitzler, Flávia Aparecida Fonseca, Paulo Irajara Borba Carneiro**

Article type: Regular Article of Biotechnology 

Keywords: *Kinetic reaction; thermal oxidation, sesame oil; ¹H NMR*

XMLs: NLM DTD xml | Copernicus xml


Pages: 2411 to 2413

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NUCLEOTIDE COMPARISON OF GDF9 GENE IN INDIAN YAK AND GADDI GOAT: HIGH ALTITUDE LIVESTOCK ANIMALS

Authors: **Lakshya Veer Singh, S. Jayakumar, N. Gupta, S. P. Dixit, S. C. Gupta**

Article type: Short Communication of Biotechnology 


Keywords: *GDF9 gene, SNP, Indian yak, gaddi goat*

XMLs: NLM DTD xml | Copernicus xml Pages: 2452 to 2454

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ENTOMOPATHOGENIC FUNGUS SPECIES *BEAUVERIA BASSIANA* (BALS.) AND *METARHIZIUM ANISOPLIAE* (METSCH.) USED AS MYCOINSECTICIDE EFFECTIVE IN BIOLOGICAL CONTROL OF *IPS TYPOGRAPHUS* (L.)

Authors: **Silvia Mudrončeková, Marián Mazán, Marek Nemčovič, Ivan Šalamon**

Article type: Short Communication of Biotechnology 

Keywords: *Beauveria bassiana, biological control, entomopathogenic fungi, High Tatras, Metarhizium anisopliae, Ips typographus, spruce bark beetle*


XMLs: NLM DTD xml | Copernicus xml Pages: 2469 to 2472

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Microbiology


ISOLATION, SCREENING, IDENTIFICATION AND OPTIMIZED PRODUCTION OF EXTRACELLULAR CELLULASE FROM *BACILLUS SUBTILIS* USING CELLULOSIC WASTE AS CARBON SOURCE

Authors: **Rahna K. Rathnan, Divya John, Balasaravanan T.**

Article type: Regular Article of Microbiology 


Keywords: *Cellulase, bacteria, molecular identification, 16S rRNA, Bacillus subtilis*

XMLs: NLM DTD xml | Copernicus xml Pages: 2383 to 2386

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GENETIC VARIABILITY ASSESSMENT OF *FUSARIUM* WILT PATHOGEN RACES AFFECTING CHICKPEA USING MOLECULAR MARKERS

Authors: **Jhuma Datta, Nand Lal**

Article type: Regular Article of Microbiology 

Keywords: *Chickpea, Fusarium, genetic diversity, ITS, polymorphism, RAPD, rDNA, SSR*

XMLs: NLM DTD xml | Copernicus xml Pages: 2392 to 2397

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THE PREVALENCE OF *SALMONELLA* SP., *LISTERIA* SP. AND *AEROMONAS* SPP. IN CATFISH (*CLARIAS* (*CLARIAS GARIEPINUS*) AND *TILAPIA* (*TILAPIA MOSSAMBICA*) BY PELLETING METHOD

Authors: **Titik Budiati, Gulam Rusul, Wan Nadiyah Wan-Abdullah, Yahya Mat Arip, Rosma Ahmad**

Article type: Regular Article of Microbiology 


Keywords: *Aeromonas, Listeria, pelleting, Salmonella*

XMLs: NLM DTD xml | Copernicus xml Pages: 2403 to 2406

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ISOLATION AND PARTIAL PURIFICATION OF ANTIMICROBIAL PEPTIDES/PROTEINS FROM DUNG BEETLE, *ONTHOPHAGUS TAURUS* IMMUNE HEMOLYMPH


Authors: **Vasanth Patil H.B, Sathish Kumar B.Y**

Article type: Regular Article of Microbiology 

Keywords: *Antimicrobial peptides/protein, immune induced hemolymph, SDS-PAGE, Gel filtration chromatography (GFC), UV wavelength scan*

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SPATIAL VARIABILITY OF AIRBORNE BACTERIA IN THE MUNICIPAL SLAUGHTERHOUSE OF CONSTANTINE - ALGERIA


Authors: **Amir Agabou, Mouhamed-Cherif Abdeldjalil, Abderahmane Bensegueni, Soumia Semouma**Article type: Regular Article of Microbiology Keywords: *Airborne contamination, spatial distribution, slaughterhouse, North-East of Algeria*

XMLs: NLM DTD xml | Copernicus xml

Pages: 2419 to 2422

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ANTIBACTERIAL ACTIVITY OF THE EXTRACTS OF RHODOPHYCEAE FROM THE ATLANTIC AND THE MEDITERRANEAN COASTS OF MOROCCO



Authors: **Rhimou Bouhlal, Hassane Riadi, Nathalie Bourgougnon**Article type: Regular Article of Microbiology  Keywords: *Red algae; Antibacterial activity; marine bacteria; Terrestrial bacteria, organic extracts*

XMLs: NLM DTD xml | Copernicus xml

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STAPHYLOCOCCUS AUREUS ISOLATES FROM CAMELS DIFFER IN COAGULASE PRODUCTION, GENOTYPE AND METHICILLIN RESISTANCE GENE PROFILES


Authors: **Ziad Jaradat, Akram Al Aboudi, Mahmoud Shatnawi, Qotaibah Ababneh**Article type: Short Communication of Microbiology  Keywords: *Coagulase gene, Staphylococcus aureus molecular typing camel, MRSA*

XMLs: NLM DTD xml | Copernicus xml

Pages: 2455 to 2461

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EFFECT OF CULTURE MEDIUM ON BACTERIOCIN PRODUCTION BY LACTOBACILLUS RHAMNOSUS HN001 AND LACTOBACILLUS REUTERI ATCC 53608

Authors: **Aguilar-Uscanga B. R., Solís-Pacheco J. R., Plascencia L., Aguilar-Uscanga M. G., García H. S., Lacroix M.**Article type: Regular Article of Microbiology  Keywords: *Bacteriocin, Lactobacillus rhamnosus, Lactobacillus reuteri, probiotics, food safety*

XMLs: NLM DTD xml | Copernicus xml

Pages: 2462 to 2468

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Food Sciences

TRADITIONAL FERMENTED FOODS OF LESOTHO

Authors: **Tendekayi H. Gadaga, Molupe Lehohla, Victor Ntuli**Article type: Review of Food Sciences  Keywords: *Fermentation, motoho, mafi, joala, hopose, Lesotho*


XMLs: NLM DTD xml | Copernicus xml

Pages: 2387 to 2391

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DETERIORATION AND SOME OF APPLIED PRESERVATION TECHNIQUES FOR COMMON MUSHROOMS (AGARICUS BISPORUS, FOLLOWED BY LENTINUS EDODES, PLEUROTUS SPP.)

Authors: **Hamid Akbarirad, Seyed Mostafa Kazemini, Mohammad Ali Shariaty**

Article type: Review of Food Sciences 


Keywords: *Deterioration, preservation, mushroom, Agaricus bisporus*

XMLs: NLM DTD xml | Copernicus xml Pages: 2398 to 2402

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CHANGES IN NUTRIENT AND ANTINUTRITIONAL CONTENTS OF SESAME SEEDS DURING FERMENTATION

Authors: **Aderonke I. Olagunju, Beatrice O. T. Ifesan**

Article type: Regular Article of Food Sciences 


Keywords: *Sesame seeds, fermentation, Antinutritional factors, mineral, protein, amino acid*

XMLs: NLM DTD xml | Copernicus xml Pages: 2407 to 2410

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ANTIOXIDANT ACTIVITY OF RICE BRAN PASTA

Authors: **Nithya D.J, Bosco K.A.S, Jagan Mohan R., Alagusundaram K.**

Article type: Regular Article of Food Sciences 


Keywords: *Rice bran, antioxidants, Pasta, DPPH, Reducing power*

XMLs: NLM DTD xml | Copernicus xml Pages: 2423 to 2425

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OPTIMIZATION OF ETHANOL CONCENTRATION, GLYCEROL CONCENTRATION AND TEMPERATURE CONDITIONS OF GRAPE-MAHUA WINE TO MAXIMIZE THE QUALITY AND OVERALL ACCEPTABILITY

Authors: **Mandeep Kaur, H.K. Sharma, Sandeep Patil, Anakalo Shitandi**

Article type: Regular Article of Food Sciences 


Keywords: *Ethanol, glycerol, mahua, optimization, quality, red wine*

XMLs: NLM DTD xml | Copernicus xml Pages: 2426 to 2430

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USE OF JAMBHUL POWDER IN THE DEVELOPMENT OF BIOACTIVE COMPONENTS ENRICHED MILK KULFI

Authors: **Sachin K. Sonawane, Shalini S. Arya, Sonali Gaikwad**

Article type: Regular Article of Food Sciences 


Keywords: *Kulfi, jambhul powder, total phenolic, flavonoid, anthocynin, ABTS, DPPH*

XMLs: NLM DTD xml | Copernicus xml Pages: 2440 to 2443

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ANTIOXIDANT POTENCY OF WATER KEFIR

Authors: **Muneer Alsayadi M.S., Yaser Al Jawfi, Meriem Belarbi, Fatima Z. Sabri**

Article type: Regular Article of Food Sciences 

Keywords: *Water kefir, antioxidant, kefir grains, fermentation*

XMLs: NLM DTD xml | Copernicus xml Pages: 2444 to 2447

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IMPROVEMENT OF SHELF LIFE QUALITY OF GREEN BELL PEPPERS USING EDIBLE COATING FORMULATIONS

Authors: Emilio Ochoa-Reyes, Gabriela Martínez-Vazquez, Saul Saucedo-Pompa, Julio Montañez, Romeo Rojas-Molina, Miguel A. de Leon-Zapata, Raúl Rodríguez-Herrera, Cristóbal N. Aguilar

Article type: Short Communication of Food Sciences



Keywords: Candelilla wax, jojoba oil, polyphenols, tarbush, biopolymers

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