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In this issue

Research Article

Open Access Research Article PTZAID:ABSE-6-121

Variants of WDR36 in Cameroonian glaucoma patients

Published On: December 11, 2020 | Pages: 043 - 047

Author(s): Fanny Mbacham, Yannick Bilong, Jean Paul Chedjou, Arlette Nomo, Chantal Nanfack Ngoune, Hermann Dongmo, CalvinoTAH, Jean-Claude Katte, Wilfred Mbacham, Eugene Sobngwl and Assumpta Lucienne Bella*

Background: In Primary Open Angle Glaucoma (POAG), the most common form of glaucoma in people of African origin, it is established that retinal ganglion cells are lost due to apoptosis. Loss of WDR36 (OMIM 609669) function has been shown to result in activation of the p53 stress-response pathway, a key regulator of apoptosis. However, there is controversy surrounding ...

Abstract View Full Article View DOI: 10.17352/abse.000021

Open Access Research Article PTZAID:ABSE-6-115

Differential Analysis of O-(2- hydroxypropyl) cellulose by Using Two-Dimensional 1H-NMR Spectroscopy

Published On: March 02, 2020 | Pages: 010 - 015

Author(s): Naotaka Sakamoto, Edmont Stoyanov*

Two-dimensional 1H-NMR is used to determine the intra-molecular interactions of O-(2-hydroxypropyl) cellulose (HPC) in aqueous (D2O), DMF and DMSO solutions. Four grades HPC with different molecular weights are analyzed by using NOESY (Nuclear Overhauser Effect Spectroscopy) for proton-proton cross-interactions. A strong dependence of the polymer chain structure on th ...

Abstract View Full Article View DOI: 10.17352/abse.000015

Review Article

Open Access Review Article PTZAID:ABSE-6-117

Some detailed remarks on elemental and core balances formulated for non-redox and redox electrolytic systems

Published On: May 11, 2020 | Pages: 021 - 033

Author(s): Anna M Michaowska-Kaczmarczyk and Tadeusz Michaowski*

Any electrolytic system in aqueous media is described with use of charge balance, f0 = ChB, and K elemental or core balances, fk = f(Yk) (k = 1,…,K). The balances: f1 = f(H) and f2 = f(O) are the basis to formulate the linear combination f12 = 2f2 – f1 = 2f(O) – f(H). ...

Abstract View Full Article View DOI: 10.17352/abse.000017

Open Access Review Article PTZAID:ABSE-6-114

Dynamic buffer capacity versus alkalinity. Formulation in terms of Simms constants idea

Published On: February 12, 2020 | Pages: 001 - 009

Author(s): Anna Maria Michaowska-Kaczmarczyk and Tadeusz Michaowski*

The Simms constants (gi) concept is put in context with equations for some acid-base titration curves, formulated for D+T systems, with titrand D and titrant T prepared according to normal and isomolar mode. The relationships between gi and successive dissociation constants (Ki) values for polyprotic acids are formulated. The mathematical formulation of dynamic buffer ...

Abstract View Full Article View DOI: 10.17352/abse.000014

Short Communication

Open Access Short Communication PTZAID:ABSE-6-120

COVID-19 aerosols and droplets and their entry into lung alveoli

Published On: September 15, 2020 | Pages: 041 - 042

Author(s): Sheldon Weinbaum*, Bingmei Fu and Herbert G Kayser

We have been asked by friends, many who are not scientists, how far droplets from a sneeze, cough or breathing travel before they disappear largely through evaporation or just simple settling in an indoor environment. Basically, how does the virus spread in indoor environments and how effective are masks. Which particles penetrate deep into your lungs, and

why do your ...

Abstract View | Full Article View | DOI: 10.17352/abse.000020

Letter to Editor

Open Access Letter to Editor PTZAID:ABSE-6-116

Advanced craniosacral therapy a combination of Quantum theories and Einstein's relativities

Published On: April 07, 2020 | Pages: 016 - 020

Author(s): Cobra Ghasemi*

As I noticed, some obvious points are missed in recent correspondence in the International Journal of Osteopathic Medicine considering the mechanism and effectiveness of Craniosacral therapy. considering phenomena of Craniosacral therapy as a placebo and statistical regression won't be dismissed. The recognition of Mr. Maddick's that the present explanatory model is u ...

Abstract View | Full Article View | DOI: 10.17352/abse.000016

Mini Review

Open Access Mini Review PTZAID:ABSE-6-122

Current status of polyherbal formulation derived from ethnobotanicals

Published On: December 12, 2020 | Pages: 048 - 049

Author(s): Sonali Aswal* and Vidya Chauhan

Aim: Polyherbal formulations have been an area of interest for researchers. Ethnobotanicals are evaluated for their effectiveness against diseases as an alternative for synthetic drugs. The present review aimed to discuss the efficacy of the polyherbal formulation. Method: In the present study, all the relevant data collected from classical texts and research article ...

Abstract View | Full Article View | DOI: 10.17352/abse.000022

Open Access Mini Review PTZAID:ABSE-6-119

Bacteriocin: A potent therapeutic weapon used as an alternative to antibiotics

Published On: September 14, 2020 | Pages: 039 - 040

Author(s): Vidya Chauhan*

Bacteriocin has proved its potential as an alternative therapeutic molecule. The discovery of bacteriocin has been a miracle to combat Antibiotic Resistance including both multidrug-resistant and chronic bacterial infections. They are ribosomally synthesised Anti-Microbial Protein (AMP), produced by bacteria [1,2]. Many species of bacteria develop this antimicrobial d ...

Abstract View | Full Article View | DOI: 10.17352/abse.000019