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Research Articles

1.

Language-Related Brain Potential Maps for Semantic Perception of Consonants in Consonant-Vowel (CV) Syllables with Consonant vs. Noncluster Initial Consonants

William Wilson, Andreas Johnson, Takashi Moreau

Keywords: Brain Potentials; Semantic Processing; Language; EEG; Neurolinguistics; Cognition

2.

Preconcentration of Pb(II) by Schiff Base-Chitosan-Grafted Multiwalled Carbon Nanotubes Adsorbed on Surfactant Coated C18 before Determination by FAAS

Hans Johansson, Yuriy Johnson, Daniel Becker, Yuriy Johnson, Daniel Becker

Keywords: Lead Preconcentration; Schiff Base; Chitosan; Carbon Nanotubes; Analytical Chemistry; Heavy Metals

3.

The Impact of Urban Green Spaces on Biodiversity and Ecosystem Services: A Comparative Study

Amina Hassan, Yuki Nakamura, David Ochieng, Wei Laurent, Bjorn Polishchuk

Keywords: Urban Green Spaces, Biodiversity, Ecosystem Services, Urban Ecology, Green Infrastructure

4.

Impact of Urban Green Spaces on Biodiversity in Metropolitan Areas: A Case Study of Paris

, Philippe Kovalenko

Keywords: Urban Biodiversity; Green Spaces; Ecosystem Services; Urban Ecology; Conservation Planning

5.

Physical Consideration of the Water Filtration in Choghazanbil Ziggurat

Pablo Brown, Xin Zhou, Philippe Wilson, Victoria Wu, Xin Zhou, Philippe Wilson, Victoria Wu

Keywords: Water Filtration; Choghazanbil; Ziggurat; Historical Engineering; Ancient Technology; Iran

6.

Diversity and Growth Patterns of Alpine Flora in Response to Climate Change

, Wei Hernández, Fatou Torres

7.

Impact of Climate Change on Alpine Flora Diversity in the European Alps

Dr. Mei-Ling Chen, Dr. Johannes Fischer, Dr. Alicia Santos, Dr. Fatima Al-Mansouri, Marc Lysenko, Kazuki Romano, Elena Colombo

Keywords: Climate Change; Alpine Flora; Biodiversity; European Alps; Conservation; Plant Ecology

8.

Space Farming: A Noval Approach for Transforming Agriculture

Nikhil Thakur¹, Kiran Kour¹, Mahital Jamwal¹, Parshant Bakshi¹, Muzzafar Mir¹, Tamanna Sharma^{2*}, Reetika Sharma¹, Sumit Bura¹, Shalini Devi¹, Ashima Chaudhary¹, Simran Hans¹ and Maanik¹

Keywords: Space Farming; Space Colonization; Agriculture; Controlled Environment; Extraterrestrial; Food Production

9.

Effect of contamination with provisional cement on the bond strength of self-adhesive luting cement: A systematic review and meta-analysis

Alireza Boruziniat, Alireza Sarraf Shirazi, Sara Majidinia, Hoda Farzaneh, Navid Kerayechian, Farzaneh Ahrari

Keywords: Provisional Cement; Bond Strength; Eugenol; Self-Adhesive Cement; Dental Materials; Contamination

10.

Electrochemical analysis of the effect of copper tailings on mortars

Carlos Sepulveda-Vasquez, Nicolas Carrasco-Astudillo, Lisa Munoz, Carolina Guerra, Mamie Sancy

Keywords: Copper Tailings; Mortars; Electrochemical Analysis; Sustainability; Construction; Mining Waste