HFSP Journal

Table of Contents

Volume 19, Issue 9 — September 2025

Research Articles

1.

Study of Protonic Conduction in Aloe-Vera Pulp Based Green Electrolyte System

Sharda Sundaram, Nidhi Asthana, Kamlesh Pandey

Keywords: protonic conduction, aloe-vera pulp, green electrolyte system, biodegradable materials, impedance spectroscopy

2.

Economic Aspects and Applications in the Romanian Aquatic Environment: A Case Study of the Danube Delta

Ion Gr. Ionescu

Keywords: Danube Delta, habitat loss, sustainable development, aquatic environment, environmental management

3.

A Learnability Approach to the Syntactic Properties of the English Passive Constructions by Dholuo Speaking Pupils

Quin Elizabeth Orwa

Keywords: Second Language Acquisition, English Passive Structures, Learnability Theory, Cross-Linguistic Influence, Child Language Acquisition

4.

Assessment of Pesticide Residues in Curry Leaf Samples from Guntur, Andhra Pradesh

5.

Effects of a Hydroxyapatite Coating on the Osseointegration of Endosseous Implants in Rabbit Tibiae

Magdalena Łukaszewska-Kuska, Piotr Krawczyk, Agnieszka Martyła, Wieslaw Hedzelek, Barbara Dorocka-Bobkowska

Keywords: Osseointegration, Hydroxyapatite Coating, Titanium Implants, Implant Stability, Electrochemical Deposition

6.

A Biophysical Model of Cancer Evolution: Quantum Turbulence & Epigenetics

Abicumaran Uthamacumaran

Keywords: quantum dynamics, cancer evolution, epigenetics, quantum turbulence, tumor biology, signal transduction, Bohmian interpretation

7.

Pain in Paediatric Oncology and Spontaneous Drawing: Clinical and Psychological Concerns

Patrizia Rubbini Paglia, Antonio Ruggiero, Antonella Guido

Keywords: paediatric oncology, pain management, psychological assessment, spontaneous drawing, child psychology