**CONTENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | [**Stability Analysis of Seed Germination and Field Emergence Performance of Tropical Rain-fed Sesame Genotypes**](01_0990_STABILITY_ANAYSIS_pub_report0105.pdf)  Adebisi, Moruf Ayodele |  | **1-8** |
| **2** | [A Note on Micro Tuber Seed Production of Potato: Necessitate Step for Uttarakhand Hills](02_1016_Anoop_Badoni_report0105.pdf)Anoop Badoni and J. S. Chauhan |  | **9-11** |
| **3** | [**Importance and Problems in Natural Regeneration of *Spondias pinnata***](03_1022_Anoop_Badoni_report0105.pdf)  Anoop Badoni and Chetna Bisht |  | **12-13** |
| **4** | [**Effect of Velocity of Cleaning Pigs on the Efficiency of Fluid Delivery in the Pigged Pipeline System**](04_1094_Effect_report0105.pdf)  Chukwuka Ikechukwu Nwoye, Udeme Okure, Uzoma Odumoduand Chizoba Chinedu Nwoye |  | **14-18** |
| **5** | [**Studies on Inhibition of Microbial Induced Corrosion through Biocide Injection and Determination of Conditions for Assurance of Pipeline Integrity**](05_1100_Studies_Inhibition_report0105.pdf)  Chukwuka Ikechukwu Nwoye, Reginald Ejimofor, Udeme Okure, Uzoma Odumodu, Chizoba Chinedu Nwoye, Okechukwu Onyebuchi Onyemaobi |  | **19-24** |
| **6** | [**Thermodynamic modeling of an irreversible dual cycle: effect of mean piston speed**](06_1105_RAO_final_report0105.pdf)  Rahim Ebrahimi |  | **25-30** |
| **7** | [**The Water Chemistry, Phytoplankton Biomass (Chlorophyll *a*), Episammic and Periphytic Algae of the Apese Lagoon, Lagos**](07_1136_water_chemistry_report0105.pdf) Onyema, I.C |  | **31-40** |
| **8** | [**The ecology and natural food components of *Pachymelania aurita* MÜLLER (Gastropoda: Melaniidae) in a Coastal lagoon**](08_1168_Ecol_pub_report0105.pdf)  Uwadiae RE, Edokpayi CA and Egonmwan RI |  | **41-48** |
| **9** | [**Standardization Of Cultural Conditions For Maximum Vanillin Production Through Ferulic Acid Degradation**](09_1175_maximum_vanillin_report0105.pdf) Prakash Kumar Sarangi, Hara Prasad Sahoo |  | **49-51** |
| **10** | [**Role of Fulvic Acid on Reduction of Cadmium Toxicity on Nile Tilapia *(Oreochromis niloticus*)**](10_1176_fulvic_acid_report0105.pdf) Ahmed E. Noor EL Deen , Mona S.Zaki and Hussan A. Osman |  | **52-57** |
| **11** | [**Synthesis, Spectroscopic, Thermodynamic And Dyeing Properties Of Disperse Dyes Derived From 2-Amino-4-Trifluoromethylbenzothiazole**](11_1193_Dyes_pub_report0105.pdf)  I.A. Bello, K.A. Bello, Peters O.A. and O.S Bello |  | **58-66** |
| **12** | [**Phytochemical and Antimicrobial Properties of Four Herbs from Edo State, Nigeria**](12_0991_Joseph_report0105.pdf)  R. I. Okoli,A. A. Turay,J.K. Mensah and A.O. Aigbe |  | **67-73** |
| **13** | [**The Effects of Inorganic Fertilizer on the Yield of Two Varieties of Cucumber (*Cucumis sativus* L*.)***](13_1229_inorganic_report0105.pdf)  Ehiokhilen Kevin Eifediyi, Samson U. Remison |  | **74-80** |
| **14** | [**Effect of Time of Planting on the Growth and Yield of Five Varieties of Cucumber (*Cucumis sativus L.*)**](14_1249_Effect_report0105.pdf)  Ehiokhilen Kevin Eifediyi, Samson U. Remison |  | **81-90** |