

CONTENTS

1. **ELISABETA-RAFILA MESTESANU**
Evolution of humoral immunity effectors in four flocks of sheep with symptoms of contagious ecthyma, from Santău village, Romania 2361
2. **NATALIȚA IONESCU (BORDEI), ANDREEA-MIRUNA NEAGU, ANCA DANIELA RAICIU, MARIANA POPESCU, OANA LIVADARIU**
Characterization of some vegetable oils in order to use them in the treatment of the Varicose Veins 2370
3. **EVELINA GHERGHINA, FLORENTINA ISRAEL-ROMING, DANIELA BĂLAN, GABRIELA LUȚĂ, AGLAIA POPA, MARTA ZACHIA**
Assessment of vitamin content in different types of romanian cheese 2375
4. **PRAVEJ ALAM, THAMER AL BALAWI**
In silico identification of Cis-Regulatory elements and their functional annotations from assembled ests of artemisia Annu L. involved abiotic stress signaling 2384
5. **BIANCA-MARIA TIHAUAN, IOANA-CRISTINA MARINAS, GHEORGHE BARBOI, GEORGIANA DOLETE, TATIANA ONISEI, FLOAREA SERBANEA, CRISTINA MATEESCU, MANUELA RĂSCOL**
Evaluation of cytotoxicity, nutritional and antioxidative status of lyophilized plant extracts used in dietary supplements 2496
6. **SANA WAHEED, MUHAMMAD HIDAYAT RASOOL, BILAL ASLAM, SAIMA MUZAMMIL, MUHAMMAD WASEEM, MUHAMMAD SHAHID, MUHAMMAD SAQIB, SUMREEN HAYAT, MUHAMMAD NAEEM, ZEESHAN TAJ, SABA KABIR, MUHAMMAD SAQALEIN, MUHAMMAD ATIF NISAR, MOHSIN KHURSHID**
Antagonistic Potential of Dairy Origin Enterococcus faecium Against Multidrug-Resistant Foodborne Pathogens 2406
7. **IRINA HOLOBIUC, RODICA CATANĂ, FLORENȚA HELEPCIUC, CARMEN MAXIMILIAN, MONICA MITOI, GINA COGĂLNICEANU**
Ex situ preservation in medium-term culture of the threatened taxon Dianthus nardiformis Janka 2416
8. **ȘTEFAN BĂTRÎNA, NICOLAE CORCIONIVOSCHI, ȘTEFANA JURCOANE, MARK LINTON, CARMEL KELLY, LAURETTE PINKERTON, ILINCA MERIMA IMBREA,, FILIP SIMA, FLORIN IMBRE**
Camelina sativa oil can inhibit Campylobacter jejuni but stimulate lactic acid bacteria growth 2423
9. **LIGIA ION, MIRELA OLGA BOLOACĂ**
Studies of Resistance to Sharka (Plum Pox) in Romanian Apricot Progenies 2428
10. **CRISTINA BACĂU, NICOLETA MATEOC-SÎRB, RAMONA CIOLAC, TEODOR MATEOC, RAZVAN IONUT TEODORESCU, VALERIU TABĂRĂ**
Study on the production and use of biomass energy in the Timis County 2434
11. **MIHAELA CIOLOCA, CARMEN LILIANA BĂDĂRĂU, ANDREEA TICAN, MONICA POPA**
Antioxidant potential, Total Vitamin C, phenolic and flavonoids content of sweet potato leaves 2441
12. **ANȚA IOANA LUCACI, SIMONA NEAGU, ROXANA COJOC, ROBERT RUGINESCU, IOAN ARDELEAN, MĂDĂLIN ENACHE**
Benefits of understanding the enzymatic activities in saline Lake Letea in the Danube Delta 2448
13. **ALMA AURELIA MANIU, CRISTIAN FLETAN, VLAD ANDREI BUDU, VIOLETA NECULA**
The Romanian Version of Health-Related Quality of Life Questionnaire 12 for Chronic Otitis Media. The Socio-Economic Status Impact Significance 2455
14. **ANCA-IRINA GALACTION, ALEXANDRA CRISTINA BLAGA, ALEXANDRA TUCALIUC, LENUȚA KLOETZER, DAN CAȘCAVAL**
Modelling of ergosterol production by S. cerevisiae in presence of N-Dodecane as oxygen-vector 2464
15. **REYYAN YERGİN ÖZKAN, MURAT TUNÇTÜRK**
Effect of Essential Oils and Hydrosols from Some Selected Lamiaceae Species on Redroot Pigweed (Amaranthus retroflexus L.) 2471
16. **YULAN PAN, FEI HE, YIYANG ZHANG, CHUNMING FEI**
Mechanism of mTOR inhibitors mediated DDP resistance in pancreatic cancer through the mTOR pathway 2476
17. **A.E. ROȘCA, L. IOSIF, I.C. TIVIG, R. MIRICA, C. CĂRUNTU, C.M. TIMARU, S.E. VOICULESCU, L. ZĂGREAN, I. STOIAN**
Chronic nandrolone decanoate administration effects on antioxidant parameters in Wistar rats 2483
18. **CEZAR BAHRIM, FRANCISCO JOSÉ GARCÍA-BREIJO, MARIA APOSTOL, ADRIAN CONSTANTIN ASĂNICĂ, GABRIEL CIPRIAN TELIBAN, NECULAI MUNTEANU, LILIANA ROTARU, LUCIA DRAGHIA**
Study of some foxtail lilies species (Eremurus M. Bieb.) grown in the North-East of Romania 2489
19. **ARZU UCAR TURKER, ARZU BIRINCI YILDIRIM, ISA TAS, ERVA ÖZKAN, HAKAN TURKER**
Evaluation of some traditional medicinal plants: phytochemical profile, antibacterial and antioxidant potential 2499
20. **ZHENGANG MA, JINFENG TONG, YAN WANG, ZEYANG ZHOU**
Isolation and Characterization of a Thermostable Alkaline Chitinase-Producing Aeromonas Strain and Its Potential in biodegradation of Shrimp shell Wastes 2511
21. **BOGDAN DIMITRIU, ECATERINA IONESCU, IOANA SUCIU, DRAGOS EPISTATU, DANA BODNAR, MIHAELA CHIRILA, ȘTEFAN MILICESCU, OANA AMZA, CĂTALINA MAGUREANU, RUXANDRA BARTOK, MARINA GIURGIU, ILEANA IONESCU**
Tertiary dentin deposition in the proximity of the cervical perforation aperture – A case study 2523
22. **SIMONA OANCEA, MIRABELA PERJU, DIANA COMAN, HOREA OLOSUTEAN**
Optimization of conventional and ultrasound-assisted extraction of Paeonia officinalis anthocyanins, as natural alternative for a green technology of cotton dyeing 2527
23. **QIANG LIU, HONGZHI JIANG, QILONG ZHANG, HAI ZHEN JU, FEI LU**
Cellular proliferation of Hemangioma endothelial cells (HemECs) under targeted regulation of LncRNA MALAT1 via miR-494-3p/P TEN Axis 2535
24. **MIHNEA VLADIMIRESCU, IOANA CĂTĂLINA PAICA, CRISTIAN BANCIU, GABRIEL MIHAI MARIA, ANCA MANOLE**
Genetic diversity in westernmost European populations of Halimione verrucifera (M. Bieb.) Aellen 2541
25. **VIORICA CORBU, ȘTEFANA PETRUT, TATIANA VASSU, DIANA PELINESCU, IONELA SARBU, ELENA RUSU, ORTANSA CSUTAK**
Environmental stress responses in yeasts and lactic acid bacteria strains isolated from dairy traditional Romanian fermented products 2548
26. **IRINA-ANCA EREMIĂ, ADRIANA BIDICĂ, REMUS-IULIAN NICA, EUGEN RADU, CĂTĂLIN-FLORIN CÎRSTOIU, CORINA-SILVIA POP, DANUT CIMPONERIU, SILVIA NICA**
The Consistency between Covid-19 RT-PCR and IgM/IgG Quick tests results 2560