



SOCIETATEA DE CHIMIE DIN ROMANIA  
FEBRUARIE 2018, VOL. 69  
Chem. Abs. RCBUAL 69( 1) - 2018  
ISSN 003-347755

# REVISTA DE CHIMIE

FONDATA IN ANUL 1949

7/2019

CHIMIE  
PETROCHIMIE  
INGINERIE CHIMICA  
ECHIPAMENTE DE PROCES  
BIOTEHNOLOGIE  
PROTECTIA MEDIULUI  
MARKETING SI MANAGEMENT  
APLICATII IN MEDICINA,  
MEDICINA DENTARA SI  
FARMACIE

CHEMISTRY  
PETROCHEMISTRY  
CHEMICAL ENGINEERING  
PROCESS EQUIPMENT  
BIOTECHNOLOGY  
ENVIRONMENTAL PROTECTION  
MARKETING & MANAGEMENT  
APPLICATIONS IN MEDICINE,  
DENTAL MEDICINE AND  
PHARMACY



# REVISTA DE CHIMIE

BUCURESTI ROMANIA

## COLEGIUL EDITORIAL

Editor Sef

**Petru FILIP**

Institutul de Chimie Organice C.D. Nenitescu Bucuresti

Editor Sef Adjunct

**Gheorghita JINESCU**

Universitatea Politehnica Bucuresti

**Kamel EARAR**

Universitatea Dunarea de Jos Galati

## MEMBRI

### **Ion ABABII**

Universitatea de Stat de Medicina si Farmacie  
N. Testemitanu, Chisinau, Republica Moldova

### **Leonard AZAMFIREI**

UMF Targu Mures

### **Alexandru T. BALABAN**

Texas A&M University at Galveston, SUA

### **Ion BOLOCAN**

Universitatea Petrol Gaze Ploiesti

### **Miron Teodor CAPROIU**

Institutul de Chimie Organica C.D. Nenitescu Bucuresti

### **Andrei F. DANET**

Universitatea Bucuresti

### **Elena DIACU**

Universitatea Politehnica Bucuresti

### **Gheorghe DUCA**

Academia de Stiinte a Moldovei

### **Laurentiu FILIPESCU**

Universitatea Politehnica Bucuresti

### **Ionel HAIDUC**

Academia Romana

### **Valeriu V. JINESCU**

Universitatea Politehnica Bucuresti

### **Jiri Jaromir KLEMES**

University of Pannonia Veszprem Ungaria

### **Jean-Marie LEHN**

Universite Louis Pasteur, Strasbourg, Franta

### **Tudor LUPASCU**

Academia de Stiinte a Moldovei

### **Gheorghe MARIA**

Universitatea Politehnica Bucuresti

### **Gheorghe D. MATEESCU**

Case Western Reserve University, Cleveland SUA

### **Lucian MOTIU**

AGER Consulting SRL

### **Gheorghe NECHIFOR**

Universitatea Politehnica Bucuresti

### **Aurel NECHITA**

Universitatea Dunarea de Jos Galati

### **Luoana Florentina PASCU**

INCD ECOIND Bucuresti

### **Virgil PERCEC**

University of Pennsylvania, Philadelphia SUA

### **Eli RUCKENSTEIN**

The State University of New York at Buffalo, SUA

### **Oleg SOLOMON**

Universitatea de Stat de Medicina si Farmacie

N. Testemitanu, Chisinau, Republica Moldova

### **Sorin Ioan ROSCA**

Universitatea Politehnica Bucuresti

### **Bouchta SAHRAOUL**

University of Angers, UFR Sciences

Institute of Sciences and Molecular Technologies of Angers

Franta

### **Paul VASILESCU**

Universitatea Politehnica Bucuresti

### **Luminita VLADESCU**

Universitatea Bucuresti

### **Maria ZAHARESCU**

Academia Romana

Institutul de Chimie Fizica Ilie Murgulescu Bucuresti

### **Yanzhong ZHANG**

College of Chemistry, Chemical Engineering & Biotechnology

Donghua University, China

### **Director General SYSCOM18**

Ion ANDRONACHE

### **Director SC BIBLIOTECA CHIMIEI SA**

Carmen IOAN

### **Redactor Sef**

Carmen IOAN

### **Tehnoredactare computerizata**

Monica BALUTA

*Revista apare lunar*

*Copyright REVISTA DE CHIMIE*

*Raspunderea pentru datele publicate revine autorilor*

**Adresa redactiei: SC BIBLIOTECA CHIMIEI SA -**

**REVISTA DE CHIMIE**

**Calea Plevnei, Nr. 139A, Sector 6**

**Bucuresti 060011**

**Tel.: (+40) 021 314 24 47**

**www.revistadechimie.ro**

**Factorul de impact pe anul 2018: 1.605**

**Revista este recenzată de:**

**CHEMICAL ABSTRACTS, CURRENT CONTENTS**

**ANALYTICAL ABSTRACTS**

**si indexata de**

**Institute for Scientific Information (ISI) si**

**Chemistry Citation Index**

## CONTENTS

<b>Monica Mirela Duldner, E.Bartha, Stanca Capitanu, Simona Nica, Alina Elena Coman, R.Tincu, A.Sarbu, EI.Filip, Steluta Apostol, Sorina Garea</b> Attempts to Upcycle PET Wastes into Bio-based Long-lasting Insulating Materials.....	2301
<b>O.Hegedus, Katarina Szarka, Albeta Hegedusova, Zsuzsanna Godany, MSlosar, Aurelia Cristina Nechifor, Szende Tonk</b> Validation and Quality Assurance of Ascorbic Acid Determination in Agricultural Products.....	2308
<b>V.Geanta, R.Ciocoiu, Ionelia Voiculescu</b> Low Density Multi-principal Element Alloy from Al-Mg-Ca-Si-B System.....	2315
<b>Ioana Maior, Gabriela Elena Badea, Ana Cojocaru, Anca Maria Cimbru, Simona Bungau, Laura Endres</b> Cr(VI) Ion Reduction on Nickel and Stainless Steel Electrodes in Acid Medium.....	2321
<b>L.Banu, G.Bozga, G.Bumbac, A.Vintila, Sanda Velea, Ana Maria Galan, Mihaela Bombos, O.Blajan, A.C.Crucean</b> A Kinetic Study of Glycerol Esterification with Acetic Acid Over a Commercial Amberlyst-35 Ion Exchange Resin.....	2325
<b>Mihaela Ciopec, Adina Negrea, N.Duteanu, C.M.Davidescu, I.Hulka, Marilena Motoc, P.Negrea, Oana Grad, Delia Berceanu Vaduva</b> As(III) Removal by Dynamic Adsorption onto Amberlite XAD7 Functionalized with Crown Ether and Doped with Fe(III) Ions.....	2330
<b>Oana Claudia Ciobotea Barbu, Ioana Alina Ciobotaru, Anca Cojocaru, EM.Benga, D.I.Vaireanu</b> Practical Considerations Regarding the Electrodeposition of Ni-Cu Layers as Potential Supercapacitors Plates.....	2335
<b>C.Araniciu, Smaranda Dafina Oniga, Daniela Benedec, O.Crisan, L.Vlase, Mariana Palage, O.Oniga</b> New 5-Thiazolyl-carbohydrazon-n-allyl-thiazolines. Synthesis, characterization and antioxidant activity.....	2340
<b>A.V. Burde, M. Manole, R. S. Campian, C. Sinescu, Sorana Baci</b> <i>In vitro</i> Comparison of accuracy of two scanners used in dental medicine.....	2344
<b>Ramona Daniela Pavaloiu, Fawzia Sha'at Corina Bubueanu, Cristina, Hlevca, G.Nechifor</b> Design and Evaluation of a Delivery System Based on Liposomes for <i>Armoracia rusticana</i> Extract.....	2347
<b>I.Chervonyj, D.Listopad, D.Shakhnin, V.Malyshev, Cristina Donath, Elena Ionela Neacsu, V.Constantin, Ana Maria Popescu</b> X-ray Diffraction and Spectral Investigation of the Consequences of Obtaining Impurities from a Material of a Reactor to Obtain the Titanium Sponge.....	2350
<b>Carmen Mihaela Topala, Lavinia Diana Tataru</b> ATR-FTIR Spectroscopy Coupled with Chemical and Chemometric Analysis to Distinguish Between Some Sweet Wines.....	2355
<b>Anca Zgura, Laurentia Gales, B.Haineala, Elvira Bratila, Claudia Mehedintu, Cristina Veronica Andreescu, C.Berceanu, Aida Petca, Ramona Ileana Barac, A.Ionescu, Rodica Anghel</b> Correlations Between Known Prognostic Markers and Tumor-infiltrating Lymphocytes in Breast Cancer.....	2362
<b>S.Sandru, I.Onutu</b> Estimating Ternary Blends Properties using ANNs Trained with Binary Blends.....	2367
<b>L.Dinca, I.Chisalita, I.C.Cantar</b> Chemical Properties of Forest Soils from Romania's West Plain.....	2371
<b>Claudia Mehedintu, Elvira Bratila, Monica Cirstoiu, Aida Petca, Lacramioara Aurelia Brinduse, C.Berceanu, Ramona Ileana Barac, Cristina Veronica Andreescu, R.C.Petca, Florica Sandru, Oana Maria Ionescu</b> Evaluation of Effectiveness and Tolerability of Boric Acid in the Treatment of Vaginal Infection with Candida Species.....	2375
<b>G.Branoiu, I.Ramadan</b> Rietveld Structure Refinement of the Stilbite Crystals from Deccan Traps (India) Using X-ray Powder Diffraction Data.....	2379
<b>Marina Cristinela Tucureanu, Carmen Otilia Rusanescu, Larisa Purdea</b> Polluting Emissions from Incineration and Waste Installations.....	2385
<b>Carmen Tociu, Cristina Maria, Ecaterina Marcu, Irina Elena Ciobotaru</b> The Influence of Wastewater from Paper Mills on the Biological Process in the Municipal Wastewater Treatment Plant.....	2388
<b>Violeta Monica Radu, A.A.Ivanov, Petra Ionescu, G.Deak, Elena Diacu, Irina Elena Ciobotaru, Gina Ghita, Ecaterian Marcu</b> Multivariate Statistical Characterisation of Soil Quality in the Lower Danube River Riparian Areas.....	2392
<b>Z.Gyori, M.Berceanu, Adelina Cheveresan, Claudia Farcas, T.Bratu, Z.Crainiceanu</b> Melanin and Behaviour of Melanoma-related Cell Lines in the Presence of Ultraviolet B Type Radiation.....	2398

<b>C.Constantin, Andreea Cinca, Dana Albu, Carmen Valeria Albu, Mihaela Mitroi, Ramona Constantina Vasile, Florina Nechita</b> A New Approach to Lumbar Disc Herniation (LDH) Treatment Using Dekompressor Device in Combination with 99.3% Pure Ethanol.....	2401
<b>A.C.Lupu, Mihaela Bombos, C.A.Barbacariu, C.Roman, Raluca Mindru, Gabriela Victoria Martinescu, L.D.Miron</b> Conditioning of Praziquantel and Florfenicol for some Heterologous Coinfections of Farmed Carp.....	2404
<b>A.Lesan, Milena Adina Man, Roxana Maria Nemes, T.Harsovescu, I.S.Tudorache, Beatrice Mahler Boca, Carmen Monica Pop</b> Serum Interleukin 4 and 6 Levels Measured Using the ELISA Method in Patients with Acquired Bronchiectasis Compared to Healthy Subjects. An anti-inflammatory and pro-inflammatory relation.....	2410
<b>Valeria Carmen Albu, Raluca Elena Sandu, Andreea Lili Barbulescu, Elena Anca Tarte, Emilia Burada, Oana Taisescu, E.Ananu Vreju, M.V.Boldeanu, Lidia Boldeanu, Aurelia Enescu, Denisa Pascoveanu, Andreea Cristina Stoian, B. Catalin, Anca Emanuela Musatescu</b> The Relationship between the Acute Confusing State and the Comorbidities of the Elderly Patient.....	2415
<b>Nicoleta Craciun Ciorba, I.M.Ciorba, I.C.Puiac, Ligia Arina Bancu</b> Correlations Between METAVIR Staging, the Viral Load and Alanine Aminotransferase Levels in Patients with Chronic Hepatitis C, Before and after 12 Weeks of Antiviral Treatment.....	2420
<b>B.I.Coculescu, G.Manole, V.G.Dinca, Alexandra Ligia Dinca, Elena Claudia Coculescu</b> Considerations on the Ethnopathogenesis of Algae from the Primary form of BMD.....	2425
<b>Anca Maria Juncan, L.L.Rus, Veronica Isabela Craciun, Andreea Loredana Vonica Tincu, C.Morgovan</b> Application of a Multifunctional Additive in Cosmetic Preparations for Safe Preservation.....	2429
<b>Stefana Petrut, Elena Rusu, I.S.Tudorache, Diana Pelinescu, Ionela Sarbu, Ileana Stoica, Tatiana Vassu</b> Influence of Various Carbon Sources on Growth and Biomass Accumulation of Some Lactic Acid Bacteria Strains.....	2434
<b>Gratiela Livia Mihai, Ioana Anca Badarau, C.Scheau, M.T.Papacocea, Ioana Raluca Papacocea</b> Comparative Study of the Dyes Induced Citotoxicity in Cultures of Cerebral Granular Neurons.....	2439
<b>Simona Eugenia Manea, Vali Ifigenia Nicolof, T.Sima</b> Critical Stresses in Material Cracks.....	2442
<b>Liliana Porojan, Mihaela Birdeanu, S.Porojan</b> Multidisciplinary Approach on the Corrosion Behavior of Welded Nickel-free and Nickel-containing Stainless Steel Orthodontic Wires.....	2447
<b>V.Iman, Alina Taculescu, Cristina Dehelean, V.Paunescu</b> Magnetic Nanoparticles (MNPs) Influence on SK-BR3 Breast Cancer Cell Line- <i>in vitro</i> Study.....	2452
<b>N.Dawod, Anamaria Florescu, I.V.Antoniuc, D.I.Stoia, Violeta Hancu, Florentina Cornelia Biclesanu</b> The FEA Study of the Biomechanic Behavior of Canine Reconstructed with Composite Resin.....	2456
<b>L.Nita, D.Tarau, Simona Nita, Alina Heghes, R.Bertici, D.Dicu</b> Soil Quality in the Pogonis, Ramnei and Doclin Hills. Measures of improvement.....	2463
<b>Camelia Liana Buhai, B.A.Buhai, Lucia Georgeta Daina, Bianca Hanganu, Irina Smaranda Manoilescu, Claudia Teodora Judea Pusta, Andreea Alexandra Hlescu, Cornelia Mircea, Mihaela Cristina Somlea, Paula Marian, Beatrice Gabriela Ioan</b> Multiple Fatal Intoxications Caused by Improper Consumption of an Alcoholic Para-Pharmaceutical Product.....	2471
<b>D.Badoiu</b> Research Concerning the Movement Equation of the Mechanism of the Conventional Sucker Rod Pumping Unit.....	2477
<b>R.Doukeh, Mihaela Bombos, I.Bolocan</b> Comparative Study Between two Reaction Kinetic Mechanisms of Thiophene Hydrodesulphurization over CoMo/g-Al <sub>2</sub> O <sub>3</sub> Supported Catalyst.....	2481
<b>Corina Marilena Cristache, Eugenia Eftimie Totu, Gabriela Tanase, Aurelia Cristina Nechifor, D.Petre, M.Burlibasa</b> Innovative Complex Formulation as Topical Treatment for Oral Health Improvement in Periodontal Disease.....	2485
<b>C.Predescu, A.C.Berbecaru, G.Coman, Mirela Gabriela Sohaciu, Andra Mihaela Predescu, Ecaterina Matei, Ruxandra Elena Dumitrescu, S.Ciucă, Ioana Arina Gherghescu</b> Corrosion Resistance Evaluation of Some Stainless Steels Used in Manufacture of Hydraulic Turbine Runner Blades.....	2491
<b>R.Ciociu, R.Coman, O.Trante, Anca Daniela Raiciu, M.Vasile, I.Ciucă, N.Navodariu, I.Cristescu</b> Corrosion Behavior of Welded Repairs for Water Turbine Blades.....	2497
<b>Roxana Lazar, C.R.Vintu, P.C.Boisteanu, D.Simeanu, R.Antohe</b> Researches on Blood Biochemical Variations During Pregnancy in Rabbits.....	2502
<b>Mihaela Claudia Spataru, C.Spataru, Alina Elena Trofin, Luminita Diana Hritcu, Carmen Lacramioara Zamfir, Georgiana Andreea Enache, Carmen Solcan</b> Evaluation of the Effect of Red Onion Extract Consumption in Mice ( <i>Mus musculus</i> ).....	2506
<b>B.Borcila, S.Petrescu, Monica Costea, Valeria Petrescu, R.Bolohan</b> Quantum Biological Thermodynamics with Finite Speed of the Cardio-Pulmonary System. III-Comparison between stationary states and processes with or without quantum jump for a family members.....	2511
<b>Denisa Batir Marin, Oana Cioanca, MApostu, Cristina Gabriela Tuchilus, Cornelia Mircea, Silvia Robu, Dana Tutunaru, Andreea Corciova, Monica Hancianu</b> The Comparative Study of <i>Equisetum pratense</i> , <i>E.sylvaticum</i> , <i>E.telmateia</i> : Accumulation of Silicon, Antioxidant and Antimicrobial Screening.....	2519
<b>Andreea D.Dima, Carmen Mateescu, Oana C.Parvulescu, E.M.Lungulescu, Nicoleta O.Nicula</b> Theoretical and Experimental Results on the Recovery of Potato Processing Residuals by Anaerobic Digestion.....	2524
<b>Elena Emilia Oprescu, M.Bombos, G.Vasilievici, Sanda Velea</b> Use of Ethoxylated Surfactants to Improve Digestate Stability.....	2530

<b>Gladiola Tantar, MApostu, Antonia Poiata, MNichifor, Nela Bibire, Alina Diana Panainte, Madalina Vieriu</b> Study of Physico-chemical Characteristics and Pharmacological Effects of 1-Ethyl-Salicyldene-Bis-Ethylene-Diamine and its Complex with Mn(II).....	2534
<b>ISandu, C.T.Iurcovschi, I.G.Sandu, Viorica Vasilache, I.C.Negru, MBrebu, Petronela Spiridon Ursu, V.Pelin</b> Multianalytical Study for Establishing the Historical Contexts of the Church of the Holy Archangels from Cicau, Alba County, Romania, for its Promotion as a World Heritage Good. I.Assessing the preservation-restoration works from 18th century.....	2538
<b>Alexandra Dana Chitimus, V.Nedeff, ISandu, C.Radu, E.Mosnegutu, I.G.Sandu, N.Barsan</b> Mathematical Modeling for the Absorption Capacity of Heavy Metals from the Soil in the Case of <i>Phragmites Australis</i> Plant Species.....	2545
<b>Cristina Tudoran, A.Abu Awwad, Catalina Oncu Giurgi, T.Ciocarlie, Maria Rada, Mariana Tudoran</b> Influences of Thyroid Hormones on the Alteration of Autonomic Nervous System in Female Patients with Overt Hyperthyroidism.....	2552
<b>A.C.Gradinaru, G.Solcan, Mihaela Claudia Spataru, Luminita Diana Hritcu, L.C.Burtan, C.Spataru</b> The Ecotoxicology of Heavy Metals from Various Anthropogenetic Sources and Pathways for their Bioremediation.....	2556
<b>Oana Trifanescu, Maria Iuliana Gruia, Laurentia Gales, Raluca Trifanescu, Alina Mihaela Pascu, V.Poroch, S.Toma, Catalina Poiana, Rodica Anghel</b> Malondialdehyde as a Prognostic Marker in Patients with Ovarian Adenocarcinoma.....	2561
<b>D.Botezatu, Cristina Popescu, A.D.Korodi, C.Furau, G.Furau, B.Soceca, C.Ionescu, MDimitriu, Diana Claudia Gheorghiu, N. Gheorghiu, Ioiart Ioan</b> Importance of Genetic Factors in Male Fertility Disorders, Clinical Relevance of Epigenetic Markers in Male Infertility.....	2566
<b>Alina Andreea Tischer(Tucuina), Delia Berceanu Vaduva, N.Balica, Alina Heghes, Adelina Cheveresan, Mirela Voicu, Delia Horhat, H.C.Manea, Marioara Poenaru</b> Antimicrobial Activity of Biosynthesized Silver Nanoparticles Compared to Standard Antibiotics Used in ORL Infections.....	2571
<b>Cristina Crenguta Albu, D.F.Albu, S.D.Albu, Anca Patrascu, Ana Roxana Misat, A.M.Goganu</b> Early Prenatal Diagnosis of an Extremely Rare Association of Down Syndrome and of the Great Vessels.....	2574
<b>Sampah G.Eblin, Kouakou S.Konan, Oi MJ.Mangoua, V.Nedeff, A.V.Sandu, N.Barsan, ISandu</b> Nitrate Pollution of Groundwater Based on GIS in the City of Daloa, West-central Cote d'Ivoire.....	2579
<b>Andreea Lili Barbulescu, Raluca Elena Sandu, M.V.Boldeanu, F.Ananu Vreju, R.A.Mihailovici, Lidia Boldeanu, H.V.Popoviciu, R.A.Ionescu, B.Catalin, Andreea Cristina Stoian, Oana Andreea Florescu, Carmen Valeria Albu</b> Cognitive Dysfunction, Depression and Anxiety in a Cohort of Systemic Lupus Erythematosus Patients.....	2584
<b>Ioana Cristina Tita, Lavinia Lupa, B.Tita, Roxana Liana Stan, Laura Vicas</b> Compatibility Studies of Valsartan with Different Pharmaceutical Excipients.....	2590
<b>Adela Magdalena Ciobanu, MT.Papacocea, Alexandra Ioana Mihailescu, Mirela Manea, Ioana Anca Badarau, Ioana Raluca Papacocea, A.Nirestean, MC.Manea, O.Popa Velea</b> Analyze of Saliva Cortisol as Biomarker in Healthy Distressed Subjects.....	2601
<b>Daniela Jumanca, Anamaria Maticescu, Atena Galuscan, Octavia Balean, Laura Cristina Rusu</b> The Effect of Hydroxyapatite from Various Toothpastes on Tooth Enamel.....	2604
<b>Larisa Simona Deac, K.Earar, Adela Loredana Colceriu Burtea, Alexandra Stefania Berghe, Aurora Antoniac, Ada Gabriela Delean, VSaceleanu, Anca Daniela Raiciu, Ioana Maria Hodisan</b> Two Adhesive Systems-effect on Adhesion to Tooth Structure.....	2608
<b>B.G.Hogea, Anca Gabriela Bistriean, Mihaela Boanca, D.Timofte, Andreea Nita, Alina Daniela Totorean, A.Lazarescu, A.Bolovan, Lavinia Maria Hogea, J.M.Patrascu Jr.</b> Study of the Platelet-Rich Plasma Injections for the Treatment of Achilles Tendinopathy after Failure of Conservative Treatment.....	2614
<b>Manuela R.Apetroaei, Ileana Rau, Carla Cezarina Paduretu, Gabriela Liliros, Verginica Schroder</b> Pharmaceutical Applications of Chitosan Extracted from Local Marine Sources.....	2618
<b>Letitia Doina Duceac, C.Marcu, Daniela Luminita Ichim, Irina Mihaela Ciomaga, Elena Tarca, A.C.Iordache, Madalina Irina Ciuhodaru, Laura Florescu, Dana Tutunaru, Alina Costina Luca, L.Stafie</b> Antibiotic Molecules Involved in Increasing Microbial Resistance.....	2622
<b>S.C.Popescu</b> Researches on the Simulation with Inventory Program and Implementation of an Ankle Prosthesis in the Aluminium Alloy EN AW 6082 and Anodizing Process for the Prosthesis Components.....	2627
<b>T.S.Tenea Cojan, Ionela Mihaela Vladu, Diana Clenciu, D.I.Vilcea, C.S.Mirea, Cristina Gabriela Ene, Veronica Gheorman, V.Gheorman, V.Baleanu, D.V.Davitoiu, Ramona Mihaela Nedelcuta, Oana Mariana Cristea, L.Radu</b> Immunohistochemical Analysis in Breast Carcinoma Treated with Conservative Surgery.....	2632
<b>Madalina Ionela Duinea, Geta Carac, Irina Daniela Dabuleanu, Mihaela Alexandra Petcu, Laura Gabriela Sarbu, M.L.Birsa, Aurora Reiss, PChirita</b> Troilite (FeS) Oxidation in the Presence of a Newly Synthesized TRIS-Based Base.....	2639
<b>D.Perju Dumbrava, Carmen Corina Radu, D.Tabian, S.C.Vesa, I.Fulga, O.Chiroban</b> The Relation Between Suicide by Chemical Substances and the Level of Education.....	2643
<b>Alina Plesea Condratovici, Alina Mihaela Elisei, D.Vasincu, LD.Cuciureanu, A.Nechita, Camelia Ana Grigore, C.Plesea Condratovici</b> Biological Chemistry in Intermediate Lipid Metabolism Disorder.....	2647
<b>Oana Criciotoiu, Diana Iulia Stanca, Daniela Gabriela Glavan, Simona Bondari, Ramona Denise Malin, MS.Ciolofan, MG.Bunescu, EM.Romanescu, MSchenker, O.S.Geogescu, Manuela Iuliana Dragomir, V. Gheorman, Veronica Gheorman, D.I.Gheonea</b> The Relationship Between Non-motor Symptoms and Motor Symptoms in Parkinson Disease.....	2652

<b>Anca Huniadi, Andrea Sorian, A.Maghiar, Diana Mocuta, Liana Antal, O.L.Pop, Claudia Teodora Judea Pusta, Camelia Liana Buhas, A.Pascalau, M.Sandor</b> 6-(2,3-Dichlorodiphenyl)-1,2,4-Triazine-3,5-Diamine Use in Pregnancy and Body Stalk Anomaly- A Possible Association?.....	2656
<b>Adelina Raluca Marinescu, Voichita Lazureanu, Ruxandra Laza, V.Musta, Narcisa Nicolescu, Monica Licker</b> <i>Clostridium difficile</i> Infection in Western Romania: Correlation Between Ribotype and Clinical Form. One year observational retrospective study.....	2660
<b>Veronica Gheorman, Venera Cristina Dinescu, M.Schenker, Denise Ramona Malin, Mioara Desdemona Stepan, Oana Criciotoiu, Diana Stanca, A.Mita, S.N.Dinescu, Elena Catalina Bica, M.Bica, Manuela Iuliana Dragomir, E.M.Romanescu, R.C.Pana, V.Gheorman</b> Prognostic Value of Ejection Fraction in Patients Admitted with Non-ST-Segment Elevation Myocardial Infarction.....	2665
<b>Alina Mihaela Elisei, Dana Tutunaru, Camelia Ana Grigore, C.A.Dinu, Laura Florescu, D.Vasincu</b> Gastroesophageal Reflux and Weezing in Pediatrics. <i>pH</i> -metry studies.....	2668
<b>Adriana Andreea Jitariu, Amalia Raluca Ceausu, Adriana Meche, C.Nica, Amelia Burlea, M.Raica</b> Microvessel Density and Mammaglobin A Expression as Prognostic Markers in Molecular Types of Breast Cancer.....	2671
<b>Gabriela Dogaru, Adriana Bulboaca, Ioana Stanescu, V.Rus, Bodizs Gyorgy, Lorena Ciumarean, C.Munteanu, P.M.Boarescu, Adriana Neagos, Dana Festila</b> The Effect of Carbonated Natural Mineral Water on Oxidative Stress in Experimental Myocardial Ischemia.....	2677
<b>Aneta Tomescu, C.Tomescu, Mariana Aschie, Gabriela Stanciu, Rodica Sirbu, V.Tica, D.Brezeanu</b> Gastric Cancer Pregnancy.....	2681
<b>E.Cadar, Rodica Sirbu, A.Ibram, Ana Maria Ionescu</b> Evaluation of Total Phenolic Content in Relation to Antioxidant Activity of Brown Algae <i>Cystoseira barbata</i> from Black Sea.....	2684
<b>O.L.Pop, Claudia Teodora Judea Pusta, Camelia Liana Buhas, A.S.Judea, Anca Huniadi, Claudia Jurca, M.Sandor, Bianca Maria Negrutiu, B.A.Buhas, Z.Nikin, A.Pascalau</b> Anaplastic Lymphoma Kinase (ALK) Overexpression in Lung Cancer Biopsies. An 18 month study in north western Romania.....	2690
<b>Anca Alexandra Grigorie, Ramona Adriana Schenker, M.Schenker</b> Glioblastoma Multiforme with Atypical Appearance.....	2694
<b>Joanna Gondro</b> Structure, Curie Temperature, Defects in the Structure of the Bulk Amorphous Alloy $Fe_{55}Co_{15}W_2Y_8B_{20}$ .....	2699
<b>T. Bataga, C. Trambitas, A. Solyom, Raluca Fodor, Simona Bataga, Sabina Amalia Abageru, Alina Dia Trambitas Miron, Ioana Halmaciu, A. Ivanescu</b> Results After Using Bioactive Glass S53P4 in Reconstructive Orthopaedic Surgery - A 36-Month Follow-up Clinical Study.....	2703

## CUPRINS

<b>Monica Mirela Duldner, E.Bartha, Stanca Capitanu, Simona Nica, Alina Elena Coman, R.Tincu, A.Sarbu, P.L Filip, Steluta Apostol, Sorina Garea</b> Experimentari pentru conversia deseurilor de PET in materiale izolatoare de folosinta indelungata, bazate pe biomonomeri.....	2301
<b>O.Hegedus, Katarina Szarka, Albeta Hegedusova, Zsuzsanna Godany, M.Slosar, Aurelia Cristina Nechifor, Szende Tonk</b> Validarea si asigurarea calitatii determinarii acidului ascorbic in produse agricole.....	2308
<b>V.Geanta, R.Ciocoiu, Ionelia Voiculescu</b> Aliaje multi-element cu densitate scazuta din sistemul Al-Mg-Ca-Si-B.....	2315
<b>Ioana Maior, Gabriela Elena Badea, Ana Cojocaru, Anca Maria Cimbru, Simona Bungau, Laura Endres</b> Reactia de reducere a ionului cromatic Cu(VI) pe electrozi de Ni si otel inox in mediu acid.....	2321
<b>I.Banu, G.Bozga, G.Bumbac, A.Vintila, Sanda Velea, Ana Maria Galan, Mihaela Bombos, O.Blajan, A.C.Cruecan</b> Studiul cinetic al esterificarii glicerinei cu acid acetic pe catalizator comercial de tip rasina schimbatoare de ioni Amberlyst-35.....	2325
<b>Mihaela Ciopec, Adina Negrea, N.Duteanu, C.M.Davidescu, I.Hulka, Marilena Motoc, P.Negrea, Oana Grad, Delia Berceanu Vaduva</b> Indepartarea As(III) prin adsorbție dinamica pe Amberlit XADJ functionalizat cu eter coroana si dopat cu cu ioni Fe(III).....	2330
<b>Oana Claudia Ciobotea Barbu, Ioana Alina Ciobotaru, Anca Cojocaru, E.M.Benga, D.I.Vaireanu</b> Consideratii practice privind electrodepunerea straturilor de Ni-Cu ce pot fi folosite drept placi de supercondensatori.....	2335
<b>C.Araniciu, Smaranda Dafina Oniga, Daniela Benedec, O.Crisan, L.Vlase, Mariana Palage, O.Oniga</b> Sinteza, caracterizarea si activitatea antioxidanta a unor noi 5-tiazolil-carbohidrazon-n-alil-tiazoline.....	2340
<b>A.V. Burde, M. Manole, R. S. Campian, C. Sinescu, Sorana Baciu</b> Comparatia <i>in vitro</i> a acuratetei a 2 scanere utilizate in medicina dentara.....	2344
<b>Ramona Daniela Pavaloiu, Fawzia Sha'at Corina Bubueanu, Cristina, Hlevca, G.Nechifor</b> Proiectarea si evaluarea unui sistem de eliberare a extractului din frunze de <i>Armuracia rusticana</i> .....	2347
<b>I.Chervonyj, D.Listopad, D.Shakhnin, V.Malyshev, Cristina Donath, Elena Ionela Neacsu, V.Constantin, Ana Maria Popescu</b> Difractia de raze X si cercetarea spectrala a consecintelor obtinerii impuritatilor dint-un material al unui reactor pentru obtinerea buretului de titan.....	2350
<b>Carmen Mihaela Topala, Lavinia Diana Tataru</b> Spectroscopia ATR-FTIR cuplata cu analiza chimica si chemometrica in caracterizarea vinurilor dulci.....	2355
<b>Anca Zgura, Laurentia Gales, B.Haineala, Elvira Bratila, Claudia Mehedintu, Cristina Veronica Andreescu, C.Berceanu, Aida Petca, Ramona Ileana Barac, A.Ionescu, Rodica Anghel</b> Corelatiile dintre factorii prognostici cunoscuti si infiltratul limfocitar tumoral in cancerul de san.....	2362
<b>S.Sandru, I.Onutu</b> Estimarea proprietatilor amestecurilor ternare folosind RNA antrenate cu amestecuri binare.....	2367
<b>L.Dinca, I.Chisalita, I.C.Cantar</b> Proprietatile chimice ale solurilor forestiere din Campia de Vest a Romaniei.....	2371
<b>Claudia Mehedintu, Elvira Bratila, Monica Cirstoiu, Aida Petca, Lacramioara Aurelia Brinduse, C.Berceanu, Ramona Ileana Barac, Cristina Veronica Andreescu, R.C.Petca, Florica Sandru, Oana Maria Ionescu</b> Evaluarea eficacitatii si tolerabilitatii acidului boric in tratamentul vulvovaginitelor candidozice.....	2375
<b>G.Branoiu, I.Ramadan</b> Rafinarea Rietveld a structurii unor cristale de stilbit din Deccan Traps (India) folosind date de difractia razelor X.....	2379
<b>Marina Cristinela Tucoreanu, Carmen Otilia Rusanescu, Larisa Purdea</b> Emisiile poluante de la Instalatiile de Incinerare a deseurilor.....	2385
<b>Carmen Tociu, Cristina Maria, Ecaterina Marcu, Irina Elena Ciobotaru</b> Influenta apelor uzate rezultate de la fabricarea hartiei asupra procesului biologic in statiile de epurare orasenesti.....	2388
<b>Violeta Monica Radu, A.A.Ivanov, Petra Ionescu, G.Deak, Elena Diacu, Irina Elena Ciobotaru, Gina Ghita, Ecaterina Marcu</b> Caracterizarea statistica multivariata a calitatii solului in zonele riverane ale Dunarii de Jos.....	2392
<b>Z.Gyori, M.Berceanu, Adelina Cheveresan, Claudia Farcas, T.Bratu, Z.Crainiceanu</b> Melanina si comportamentul liniilor celulare legate de melanom in prezenta radiatiei ultraviolet de tip B.....	2398
<b>C.Constantin, Andreea Cincea, Dana Albulescu, Carmen Valeria Albu, Mihaela Mitroi, Ramona Constantina Vasile, Florina Nechita</b> O noua abordare a herniei de disc lombare.....	2401
<b>A.C.Lupu, Mihaela Bombos, C.A.Barbacariu, C.Roman, Raluca Mindru, Gabriela Victoria Martinescu, L.D.Miron</b> Conditionarea prazicantelului si florifenicolului pentru unele coinfectii ale crapului de crescatorie.....	2404

<b>A.Lesan, Milena Adina Man, Roxana Maria Nemes, T.Harsovescu, I.S.Tudorache, Beatrice Mahler Boca, Carmen Monica Pop</b> Masurarea nivelurilor serice de Interleukin 4 si 6 folosind metoda ELISA la pacientii cu bronhiectazie dobandita comparativ cu cei sanatosi. Legatura anti - si proinflamatorie.....	2410
<b>Valeria Carmen Albu, Raluca Elena Sandu, Andreea Lili Barbulescu, Elena Anca Tarteza,</b> <b>Emilia Burada, Oana Taisescu, EAnanu Vreju, M.V.Boldeanu, Lidia Boldeanu, Aurelia Enescu,</b> <b>Denisa Pascoveanu, Andreea Cristina Stoian, B. Catalin, Anca Emanuela Musatescu</b> Relatia dintre starea de confuzie acuta si comorbiditati la pacientii varstnici.....	2415
<b>Nicoleta Craciun Ciorba, I.M.Ciorba, I.C.Puiac, Ligia Arina Bancu</b> Corelatii intre standardizarea METAVIR, nivelul incarcaturii virale si al alanin-aminotransferazei la pacientii cu hepatita cronica virala C, inainte si dupa 12 saptamani de tratament antiviral.....	2420
<b>B.I.Coculescu, G.Manole, V.G.Dinca, Alexandra Ligia Dinca, Elena Claudia Coculescu</b> Consideratii privind etiopatogeneza algiei din forma primara a BMD.....	2425
<b>Anca Maria Juncan, L.L.Rus, Veronica Isabela Craciun, Andreea Loredana Vonica Tincu, C.Morgovan</b> Utilizarea unui aditiv multifunctional pentru conservarea eficienta a produselor cosmetice.....	2429
<b>Stefana Petrut, Elena Rusu, I.S.Tudorache, Diana Pelinescu, Ionela Sarbu, Ileana Stoica, Tatiana Vassu</b> Influenta diferitelor surse de carbon asupra cresterii si acumularii de biomasa a unor tulpini de bacterii lactice.....	2434
<b>Gratiela Livia Mihai, Ioana Anca Badarau, C.Scheau, M.T.Papacocea, Ioana Raluca Papacocea</b> Studiu comparativ asupra citotoxicitatii induse de coloranti in culturi de neuroni granulari cerebelosi.....	2439
<b>Simona Eugenia Manea, Vali Ifigenia Nicolof, T.Sima</b> Stresul critic in materiale cu fisuri.....	2442
<b>Liliana Porojan, Mihaela Birdeanu, S.Porojan</b> Abordarea multidisciplinara a comportarii la coroziune a arcurilor ortodontice sudate din otel inox cu si fara nichel.....	2447
<b>V.Iman, Alina Taculescu, Cristina Dehelean, V.Paunescu</b> Studiul influentei nanoparticulelor magnetice asupra liniei celulare SK-BR3 de cancer de san.....	2452
<b>N.Dawod, Anamaria Florescu, I.V.Antoniac, D.I.Stoia, Violeta Hancu, Florentina Cornelia Biclesanu</b> Studiu FEA al comportamentului biomecanic al caninului restaurat cu rasini compozite.....	2456
<b>L.Nita, D.Tarau, Simona Nita, Alina Heghes, R.Bertici, D.Dicu</b> Calitatea solurilor din dealurile Pogansului, Ramnei si Doclinului. Masuri de ameliorare.....	2463
<b>Camelia Liana Buhas, B.A.Buhas, Lucia Georgeta Daina, Bianca Hanganu, Irina Smaranda Manoilescu,</b> <b>Claudia Teodora Judea Pusta, Andreea Alexandra Hlescu, Cornelia Mircea,</b> <b>Mihaela Cristina Somlea, Paula Marian, Beatrice Gabriela Ioan</b> Intoxicatii fatale multiple cauzate de consumul impropriu al unui produs alcoolic parafarmaceutic.....	2471
<b>D.Badoiu</b> Cercetari privind ecuatia de miscare a mecanismului unitatilor de pompare conventionale cu prajini.....	2477
<b>R.Doukeh, Mihaela Bombos, I.Bolocan</b> Cinetica a doua mecanisme de reactie ale hidrodesulfurarii tiofenului pe catalizator CoMo/ $\gamma$ Al <sub>2</sub> O <sub>3</sub> .....	2481
<b>Corina Marilena Cristache, Eugenia Eftimie Totu, Gabriela Tanase, Aurelia Cristina Nechifor, D.Petre, M.Burlibasa</b> Formulare complexa inovativa ca tratament topical pentru imbunatatirea sanatatii orale in afectiuni periodontice.....	2485
<b>C.Predescu, A.C.Berbecaru, G.Coman, Mirela Gabriela Sohaciu, Andra Mihaela Predescu,</b> <b>Ecaterina Matei, Ruxandra Elena Dumitrescu, S.Ciuca, Ioana Arina Gherghescu</b> Evaluarea rezistentei la coroziune a unor oteluri inoxidabile utilizate la fabricarea paletelor de rotor de turbina hidraulica.....	2491
<b>R.Ciocoiu, R.Coman, O.Trante, Anca Daniela Raiciu, M.Vasile, I.Ciuca, N.Navodariu, I.Cristescu</b> Comportarea la coroziune a reparatiilor sudate ale paletelor turbinelor de apa.....	2497
<b>Roxana Lazar, C.R.Vintu, PC.Boisteanu, D.Simeanu, R.Antohe</b> Cercetari privind variatiile biochimice sangvine in timpul gestatiei la iepuroaica.....	2502
<b>Mihaela Claudia Spataru, C.Spataru, Alina Elena Trofin, Luminita Diana Hritcu,</b> <b>Carmen Lacramioara Zamfir, Georgiana Andreea Enache, Carmen Solcan</b> Evaluarea efectului consumului de extract de ceapa rosie la soarece (Mus musculus).....	2506
<b>B.Borcila, S.Petrescu, Monica Costea, Valeria Petrescu, R.Bolohan</b> Termodinamica biologica cuantica cu viteza finita a sistemului cardio-pulmonar. III-Comparatie intre stari si procese statonare cu sau fara salt cuantic pentru membrii unei familii.....	2511
<b>Denisa Batir Marin, Oana Cioanca, MApostu, Cristina Gabriela Tuchilus, Cornelia Mircea,</b> <b>Silvia Robu, Dana Tutunaru, Andreea Corciova, Monica Hancianu</b> Studiul comparativ pentru <i>Equisetum pratense</i> , <i>E. sylvaticum</i> , <i>E. telmateia</i> . Prezenta siliciului: activitatea antioxidanta si antimicrobiana.....	2519
<b>Andreea D.Dima, Carmen Mateescu, Oana C.Parvulescu, E.M.Lungulescu, Nicoleta O.Nicula</b> Rezultate teoretice si experimentale privind valorificarea reziduurilor de la procesarea cartofilor prin fermentatie anaeroba.....	2524
<b>Elena Emilia Oprescu, M.Bombos, G.Vasilievici, Sanda Velea</b> Utilizarea agentilor activi de suprafata etoxilati pentru imbunatatirea stabilitatii digestatului.....	2530
<b>Gladiola Tantarau, MApostu, Antonia Poiata, MNichifor, Nela Bibire, Alina Diana Panainte, Madalina Vieriu</b> Studiul caracteristicilor fizico-chimice si al efectelor farmacologice a 1-etil-salcilden-bis-etilen-diamina si complexii sai cu Mn(II).....	2534
<b>ISandu, C.T.Iurcovschi, I.G.Sandu, Viorica Vasilache, I.C.Negru, MBrebu,</b> <b>Petronela Spiridon Ursu, V.Pelin</b> Studiul multianalitic privind stabilirea contextelor istorice ale Bisericii Sf. Arhangheli din Cicau, judetul Alba in vederea valorizarii ca bun de patrimoniu mondial, I. Evaluarea interventiilor de prezentare - restaurare din secolul XVIII.....	2538
<b>Alexandra Dana Chitimus, V.Nedeff, ISandu, C.Radu, E.Mosnegutu, I.G.Sandu, N.Barsan</b> Modelarea matematica a capacitatii de absorbtie a metalelor grele din sol in cazul speciilor pe plante <i>Phragmites Australis</i> .....	2545



<b>Cristina Tudoran, A.Abu Awwad, Catalina Oncu Giurgi, T.Ciocarlie, Maria Rada, Mariana Tudoran</b> Influenta hormonilor tiroidieni asupra alterarii sistemului nervos autonom al pacientelor cu hipertiroidism.....	2552
<b>A.C.Gradinaru, G.Solcan, Mihaela Claudia Spataru, Luminita Diana Hritcu, L.C.Burtan, C.Spataru</b> Eco-toxicologia metalelor grele din diferite surse antropice si caile lor de bioremediere.....	2556
<b>Oana Trifanescu, Maria Iuliana Gruia, Laurentia Gales, Raluca Trifanescu, Alina Mihaela Pascu, V.Poroch, S.Toma, Catalina Poiana, Rodica Anghel</b> Malondialdehida ca marker prognostic la pacientele cu adenocarcinom ovarian.....	2561
<b>D.Botzatu, Cristina Popescu, A.D.Korodi, C.Furau, G.Furau, B.Socea, C.ionescu, MDimitriu, Diana Claudia Gheorghiu, N. Gheorghiu, Ioiart Ioan</b> Importanta factorilor genetici in tulburarile de fertilitate masculine, relevanta clinica a markerilor epigenetici in fertilitatea masculina.....	2566
<b>Alina Andreea Tischer(Tucuina), Delia Berceanu Vaduva, N.Balica, Alina Heghes, Adelina Cheveresan, Mirela Voicu, Delia Horhat, H.C.Manea, Marioara Poenaru</b> Activitatea antimicrobiana a nanoparticulelor de argint biosintetizate comparativ cu antibioticele standard utilizate in infectiile ORL.....	2571
<b>Cristina Crenguta Albu, D.E.Albu, S.D.Albu, Anca Patrascu, Ana Roxana Musat, A.M.Goganu</b> Diagnosticul prenatal precoce al unei asocieri extrem de rare a sindromului Down cu transpozitia de mari vase.....	2574
<b>Sampah G.Eblin, Kouakou S.Konan, Oi M.J.Mangoua, V.Nedeff, A.V.Sandu, N.Barsan, I.Sandu</b> Poluarea cu nitrati a apelor subterane bazate pe GIS in orasul Daloa, vest-central Coasta de Fildes.....	2579
<b>Andreea Lili Barbulescu, Raluca Elena Sandu, M.V.Boldeanu, F.Ananu Vreju, R.A.Mihailovici, Lidia Boldeanu, H.V.Popoviciu, R.A.Ionescu, B.Catalin, Andreea Cristina Stoian, Oana Andreea Florescu, Carmen Valeria Albu</b> Disfunctie cognitiva, depresie si anxietate la un lot de pacienti cu <i>Lupus eritromatos</i> sistemic.....	2584
<b>Ioana Cristina Tita, Lavinia Lupa, B.Tita, Roxana Liana Stan, Laura Vicas</b> Studii de compatibilitate ale Valsartanului cu diferiti excipienti farmaceutici.....	2590
<b>Adela Magdalena Ciobanu, M.T.Papacocea, Alexandra Ioana Mihailescu, Mirela Manea, Ioana Anca Badarau, Ioana Raluca Papcocea, A.Nirestean, M.C.Manea, O.Popa Velea</b> Analiza cortizolului salivar ca biomarker la subiectii sanatosi supusi stresului.....	2601
<b>Daniela Jumanca, Anamaria Maticescu, Atena Galuscan, Octavia Balean, Laura Cristina Rusu</b> Efectul hidroxiapatitei din diferite paste de dinti asupra smaltului dentar.....	2604
<b>Larisa Simona Deac, K.Earar, Adela Loredana Colceriu Burtea, Alexandra Stefania Berghe, Aurora Antoniac, Ada Gabriela Delean, V.Saceleanu, Anca Daniela Raiciu, Ioana Maria Hodisan</b> Efectul a doua sisteme adezive asupra aderarii la structura dintelui.....	2608
<b>B.G.Hogea, Anca Gabriela Bistriean, Mihaela Boanca, D.Timofte, Andreea Nita, Alina Daniela Totorean, A.Lazarescu, A.Bolovan, Lavinia Maria Hogea, J.M.Patrascu Jr.</b> Studiu privind injectarea cu plasma imbogatita cu trombocite in tendinopatia Achilliana dupa esecul tratamentului conservator.....	2614
<b>Manuela R.Apetroaei, Ileana Rau, Carla Cezarina Paduretu, Gabriela Lilios, Verginica Schroder</b> Aplicatii farmaceutice ale extractului de chitosan din surse marine locale.....	2618
<b>Letitia Doina Duceac, C.Marcu, Daniela Luminita Ichim, Irina Mihaela Ciomaga, Elena Tarca, A.C.Iordache, Madalina Irina Ciuhodaru, Laura Florescu, Dana Tutunaru, Alina Costina Luca, L.Stafie</b> Molecule de antibiotic implicate in cresterea rezistentei microbiene.....	2622
<b>S.C.Popescu</b> Simulari cu programul Inventor si implementarea unei proteze de glezna din aliaj de aluminiu EN AW 6082 si procesul de anodizare pentru componentele protezelor.....	2627
<b>T.S.Tenea Cojan, Ionela Mihaela Vladu, Diana Clenciu, D.I.Vilcea, C.S.Mirea, Cristina Gabriela Ene, Veronica Gheorman, V.Gheorman, V.Baleanu, D.V.Davitoiu, Ramona Mihaela Nedelcuta, Oana Mariana Cristea, L.Radu</b> Analiza imunohistochimica in cancerul mamar operat conservator.....	2632
<b>Madalina Ionela Duinea, Geta Carac, Irina Daniela Dabuleanu, Mihaela Alexandra Petcu, Laura Gabriela Sarbu, M.L.Birsa, Aurora Reiss, PChirita</b> Oxidarea troilitei (FeS) in prezenta unei noi baze Schiff grefata cu unitati TRIS.....	2639
<b>D.Perju Dumbrava, Carmen Corina Radu, D.Tabian, S.C.Vesa, I.Fulga, O.Chiroban</b> Relatia dintre suicidul cu substante chimice si nivelul educatiei.....	2643
<b>Alina Plesea Condratovici, Alina Mihaela Elisei, D.Vasincu, I.D.Cuciureanu, A.Nechita, Camelia Ana Grigore, C.Plesea Condratovici</b> Chimia biologica in tulburarea metabolismului intermediar lipidic.....	2647
<b>Oana Criciotoiu, Diana Iulia Stanca, Daniela Gabriela Glavan, Simona Bondari, Ramona Denise Malin, M.S.Ciolofan, M.G.Bunescu, E.M.Romanescu, M.Schenker, O.S.Geogescu, Manuela Iuliana Dragomir, Veronica Gheorman, V.Gheorman, D.I.Gheonea</b> Relatiile dintre simptomele non-motorii si motorii in boala Parkinson.....	2652
<b>Anca Huniadi, Andrea Sorian, A.Maghiar, Diana Mocuta, Liana Antal, O.L.Pop, Claudia Teodora Judea Pusta, Camelia Liana Buhas, A.Pascalau, M.Sandor</b> Administrarea 6-(2,3-diclorofenil)-1,2,4-triazine-3,5-diamine in sarcina si anomalia Body Stalk - o posibila asociere?.....	2656
<b>Adelina Raluca Marinescu, Voichita Lazureanu, Ruxandra Laza, V.Musta, Narcisa Nicolescu, Monica Licker</b> Infectia cu <i>Clostridium difficile</i> in vestul Romaniei: corelatii intre ribotip si forma clinica - studiu retrospectiv observational pe un an de zile.....	2660

<b>Veronica Gheorman, Venera Cristina Dinescu, MSchenker, Denise Ramona Malin, Mioara Desdemona Stepan, Oana Criciotoiu, Diana Stanca, A.Mita, S.N.Dinescu, Elena Catalina Bica, MBica, Manuela Iuliana Dragomir, EM.Romanescu, R.C.Pana, VGheorman</b>	
Valoarea prognosticata pentru fractia de ejectie la pacientii cu infarct miocardic fara supradenivelare de segment ST.....	2665
<b>Alina Mihaela Elisei, Dana Tutunaru, Camelia Ana Grigore, C.A.Dinu, Laura Florescu, D.Vasincu</b>	
Refluxul gastroesofagian si weezing-ul in pediatrie - studii de pH-metrie.....	2668
<b>Adriana Andreea Jitariu, Amalia Raluca Ceausu, Adriana Meche, C.Nica, Amelia Burlea, MRaica</b>	
Densitatea microvasculara si expresia mamaglobinei A ca marker de prognoza in cancerul de san de tip molecular.....	2671
<b>Gabriela Dogaru, Adriana Bulboaca, Ioana Stanescu, VRus, Bodizs Gyorgy, Lorena Ciumarean, C.Munteanu, PMBoarescu, Adriana Neagos, Dana Festila</b>	
Efectul apelor minerale naturale carbogazoase asupra stresului oxidativ in ischemia miocardica experimentală.....	2677
<b>Aneta Tomescu, C.Tomescu, Mariana Aschie, Gabriela Stanciu, Rodica Sirbu, V.Tica, D.Brezeanu</b>	
Cancerul gastric in timpul sarcinii.....	2681
<b>E.Cadar, Rodica Sirbu, A.Ibram, Ana Maria Ionescu</b>	
Evaluarea continutului total de fenoli corelata cu activitatea antioxidanta a algei brune <i>Cystoseira barbata</i> din Marea Neagra.....	2684
<b>O.L.Pop, Claudia Teodora Judea Pusta, Camelia Liana Buhas, A.S.Judea, Anca Humiadi, Claudia Jurca, MSandor, Bianca Maria Negrutiu, B.A.Buhas, Z.Nikin, A.Pascalau</b>	
Supraexpresia anaplastic Lymphoma Kinasei (ALK) in biopsiile de cancer pulmonar - studii pe o perioada de 18 luni in nord-vestul Romaniei.....	2690
<b>Anca Alexandra Grigorie, Ramona Adriana Schenker, MSchenker</b>	
Glioblastomul multiform cu aparitie atipica.....	2694
<b>Joanna Gondro</b>	
Structura, pierderile miezului, temperatura Curie, defecte in structura aliajului amorf $Fe_{55}Co_{15}W_2Y_8B_{20}$ .....	2699
<b>T. Bataga, C. Trambitas, A. Solyom, Raluca Fodor, Simona Bataga, Sabina Amalia Abageru, Alina Dia Trambitas Miron, Ioana Halmaciu, A. Ivanescu</b>	
Rezultatele folosirii sticlei bioactive S 53P4 in chirurgia ortopedica reconstructiva.....	2703