

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

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 HADUC

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

Ionel MANGALAGIU

Universitatea Alexandru Ioan Cuza Iasi

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

Sorin Ioan ROSCA

Universitatea Politehnica Bucuresti

Nicolae TOTIR

ICF I.G. Murgulescu Bucuresti

Paul VASILESCU

Universitatea Politehnica Bucuresti

Luminita VLADESCU

Universitatea Bucuresti

Maria ZAHARESCU

Academia Romana

Institutul de Chimie Fizica Ilie Murgulescu Bucuresti

Director General SYSCOM18

Ion ANDRONACHE

Director SC BIBLIOTECA CHIMEI 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 CHIMEI SA -
REVISTA DE CHIMIE**

Calea Plevnei, Nr. 139B, Sector 6

Bucuresti 060011

Tel.: (+40) 021 314 24 47

www.revistadechimie.ro

Factorul de impact pe anul 2016: 1.232

Revista este recenzată de:

CHEMICAL ABSTRACTS, CURRENT CONTENTS

ANALYTICAL ABSTRACTS

si indexata de

Institute for Scientific Information (ISI) si

Chemistry Citation Index

CONTENTS

Violeta Monica Radu, Elena Diacu, Mihaela Andreea Moncea, Florina Diana Dumitru, Ana Maria Panait, Petra Ionescu Numerical Modelling of Pollutant Dispersion in the Lower Danube River.....	2477
G.Lazar, C.Campureanu, I.Cirneanu, D.I.Vaireanu Good Practices in Evaluating the Uncertainty of Measurements for the Conductivity of the Electrolyte System.....	2482
B.S.Negreanu Pirjol, Ticuta Negreanu Pirjol, D.R.Popoviciu Copper, Manganese and Zinc Bioaccumulation in Some Common Poaceae Species Along Romanian Black Sea Coast.....	2488
Ecaterina Marcu, G.Deak, Irina Elena Ciobotaru, A.A.Ivanov, Petra Ionescu, Carmen Tociu, Elena Diacu The Assessment of Content and Dynamics of Nutrients in Water and Sediments from the Plumbuita Lake, Bucharest.I.Study on Phosphorous Content and Distribution.....	2492
Simona Bungau, Delia Mirela Tit, C. Iovan, L. Copolovici, Rica Boscencu, Gabriela Cioca, Dana Copolovici New Method for Simultaneous Determination of Ascorbic and Acetylsalicylic Acids in Effervescent Tablets.....	2495
D.Mosteanu, G.Barsan, P.Otrisal, Luminita Giurgiu, Romana Oancea Obtaining the Volatile Oils from Warmwood and Tarragon Plants by a New Microwave Hydrodistillation Method.....	2499
Laura Ileana Socea, Stefania Felicia Barbuceanu, B.Socea, C.Draghici, Theodora Venera Apostol, Elena Mihaela Pahontu, O.T.Olaru New Heterocyclic Compounds from 1,2,4-triazoles Class with Potential Cytotoxic Activity.....	2503
Ioana Georgiana Lazar, Elena Diacu, G.O.Buica, Eleonora Mihaela Ungureanu, Georgiana Luiza Arnold, L.Birzan The Heavy Metals Sensing Based on 2,6-Bis(-2-(Thiophen-3-yl)Vinyl)-4-(4,6,8-Trimethylazulen-1-yl)Pyrylium Modified Electrodes.....	2509
PBudrugaec, L.Lingvay, Alexandra Pica, Beatrice Gabriela Sbarcea Study Regarding the Behaviour of an Insulating Vegetable Oil Exposed to Accelerated Thermal Aging.....	2514
Monica Monea, Carmen Biris, E.S.Bechir, Nicoleta Suci, Anca Maria Pop, P.Olah Effectiveness of Nickel-Titanium Endodontic Instruments on Smear Layer Removal from Radicular Dentin: A Scanning Electron Microscopy Study.....	2519
Teresa Casacchia, Claudia D'Ippolito, Claudia Crina Toma, D.Uzunov, Mariangela Marrelli, Filomena Conforti, G.Statti Red Clover Characterization <i>Trifolium patulum</i> Tausch.....	2523
D.T.Cicic, C.Rontescu, Ana Maria Bogatu, Oana Roxana Chivu, I.G.Ghionea Research on the Effect of Applying the Sacrifice Layer Technique on the Chemical Composition of the Welded Deposits.....	2529
D.Axente, Ancuta Balla, S.Bugeac, M.Gligan, Cristina Marcu The Calculus of the Operation Parameters at Pressure of the Primary Separation Column of the ¹⁵ N Production Plant.....	2533
Liliana Porojon, Mihaela Birdeanu, Cristina Savencu, S.Porojan Surface Characteristics and Corrosion Properties of Co-Cr Dental Alloys Processed by Laser-based Methods.....	2538
Letitia Doina Duceac, L.Stafie, Elena Ariela Banu, Oana Padurar, Gabriela Calin, Madalina Irina Ciuhodaru Self-assembled Nanomaterials Type Layered Double Hydroxides-antibiotics Used as Drug Delivery Vectors.....	2542
Monica Licker, A.Anghel, Roxana Moldovan, Elena Hoge, Delia Muntean, F.Horhat, E.Seclaman, L.Tamas, Mariana Anghel, Luminita Baditoiu Microarray Technology for the Detection of Antimicrobial Resistance Genes Present in Hospital and Community Acquired Methicillin Resistant <i>S.aureus</i> Strains.....	2546
L.Lingvay, Gabriela Oprina, Valerica Stanoi, Alexandra Pica, Livia Carmen Ungureanu, Florentina Serban Studies on the Influence of Copper and Insulation Paper on the Accelerated Thermal Ageing of Some Insulating Fluids.....	2551
Mona Ionas, S. I. Cernusca Mitariu, Adela Dancila, T.H.Ionas, Raluca Monica Comaneanu, Oana Botoaca, Maria Mihaela Cernusca Mitariu The Capacity of a Specific Anti-Streptococcus Mutans Monoclonal Antibodies Test to Identify the Diabetic Patients with Increased Risk of Periodontal Diseases.....	2556
M.Liaquat, T.Mahmud, M.Imran, M.Iqbal, M.Muddassar, T.Ahmad, L.Mitu Synthesis, Characterization and Biological Study of a New Mannich Base, 2-[(4-fluorophenyl)(phenylamino)methyl] Cyclopentanone (FPC) and its Transition Metal Complexes with Cu(II), Ni(II), Co(II), Fe(II) and Zn(II).....	2560
Elena Rusu, Ionela Sarbu, Magdalena Mitache, H.Moldovan, Carmen Ioana Biris, Tatiana Vassu, Diana Pelinescu Ultrastructural Changes of <i>Candida albicans</i> Species Induced by the Presence of Sodium Diclofenac.....	2566
Anca Munteanu, A.Patrascu, D.Ferariu The Importance of Immunohistochemistry Techniques in Assessing the Prognosis of Multimodally Treated Breast Cancer.....	2570
Luciana Carmen Nitoi, Laura Florea, Alina Aspazia Stefan, C.Ionita, Carina Andrei, Cristina Dascalu, Carmen Vulpoi Impact of Intensive Dietarey Counseling on Serum Albumin in Haemodialysis Patients with Chronic Liver Disease.....	2573
G.Jugulete, Simona Iacob, Madalina Merisescu, Monica Luminos Biochemical Modifications in HIV-Infected Children and Adolescents Under Antiretroviral Therapy.....	2578
C.D.Florea, C.Munteanu, N.Cimpoesu, I.G.Sandu, C.Baciu, C.Bejinariu Characterization of Advanced Ceramic Materials Thin Films Deposited on Fe-C Substrate.....	2582
Ruxandra Sava Rosianu, Angela Codruta Podariu, Meda Lavinia Negrutiu, Camelia Szuhaneck, C.Sinescu Low Viscosity Resin Penetration Degree in Incipient Caries Lesions.....	2588
Georgeta Toma, A.Pupazescu, D.Badoiu Simulation of the Sucker Rod Column Dynamics for Different Pumping Regimes.....	2593

Carmen Luiza Costuleanu, Gabriela Ignat, Olguta Brezuleanu, G. Ungureanu, D.Robu, C.R.Vintu, E.Boghita, S.Brezuleanu Rural and Urban Management of Toxic Aluminium Waste in Relation with Environmental Protection in Iasi County.....	2597
Danuta Matei, D.Stanica Ezeanu, Diana Cursaru The Efficiency of Co/CeO ₂ Catalyst in Ethanol Steam Reforming Process.....	2601
Cornelia Nitipir, Stefania Marin, Maria Minodora Marin, Madalina Albu Kaya, Mihaela Violeta Ghica, Narcisa Mederle Hybrid Collagen-NaCMC Matrices Loaded with Mefenamic Acid for Wound Healing.....	2605
Andrea Csinszka Kovacs Ivacson, Farah Curt Mola, Carmen Biris, Cristina Ioana Bica, Mariana Pacurar, Adriana Monea Determination of pH and Evaluation of the Efficiency of Different Definitive Root Canal Filling Materials in Conservative Treatment of Chronic Apical Periodontitis.....	2610
A.E.Cioabla, Gabriela Alina Dumitrel, Ioana Ionel Evaluation by Kinetic Models of Anaerobe Digestion Performances for Various Substrates and Co-substrates.....	2614
Alina Mihaela Calin, Mihaela Debita, Raluca Dragomir, O.M.Stefanescu, C.Budacu, Andreea Silvana Szalontay Treatment Methods Conditioned by the Gravity of Drug-Induced Gingival Hyperplasias.....	2618
Cristina Angela Ghiorghie, Gianina Iovan, V.Carlescu, B.Istrate, Galina Pancu, S.Andrian Comparative Evaluation of Hardness and Elasticity Modulus of Tooth-Colored Materials for Dental Restoration.....	2623
D.Timofte, Lacramioara Ochiuz, Manuela Ursaru, B.Ciuntu, Lidia Ionescu, V.Calu, Veronica Mocanu, I.C.Puia The Impact of Laparoscopic Sleeve Gastrectomy on Serum Zinc or Copper and Body Composition.....	2628
Daniela Florentina Enache, G.A.Popa, E.Vasile, Anca Razvan, O.Oprea, Elena Voicila, Florina Dumitru Preparation and Characterization of Ultrafiltration TiO ₂ Nanoparticles-Polysulfone Membranes.....	2635
A.Ciocan, O.M.Balan, Mihaela Ramona Buga, T.Prisecaru, M.Tazerout Modeling an Energy Storage System Based on a Hybrid Renewable Energy System in Stand-alone Applications.....	2641
Madalina Diac, A.Knieling, Simona Irina Damian, Diana Bulgaru Ilescu, I.Sandu, Cristina Furnica, C.J.Iov, Sofia David Forensic Aspects in Polonium-210 Poisoning.....	2646
Simona Irina Damian, P.Nedelea, Sofia David, A.Knieling, S.Moldoveanu,, I.Sandu, C.J.Iov Postmortem Diagnosis of Hypertonic Dehydration by Chemical Analysis of Vitreous Humor.....	2650
C.Budacu, S.V.Ibric Cioranu, Iulia Chiscop, Mihaela Salceanu, Anca Melian Apicoectomy-Endodontical Surgical Procedure.....	2654
Mariana Anisoara (Ciorba) Puia, H.Suciu, M.I.Ciorba, Mihaela Maria Opris, H.Al Hussein, Hamida Al Hussein, Klara Brinzaniuc The Implications of Milrinone Lactate in the Postoperative Clinical Management of Surgical Interventions for Congenital Heart Malformations in Children.....	2658
G. Ungureanu, E.Boghita, Gabriela Ignat, Carmen Luiza Costuleanu, A.V.Sandu, C.Bejinariu, C.R.Vintu Effect of Climate Change on Pedological Modifications and Soil Aridity Process in Vineyards.....	2662
Cristina Popa, Carmen Gabriela Stelea, Ana Maria Filioreanu, Irina Georgeta Sufaru, G.A.Maftei, Manuela Arbune, Silvia Martu, Eugenia Popescu PCR Analysis of the Herpesviruses Presence in Crevicular Fluid in HIV-Positive Patients.....	2672
Mihaela Gabriela Dumitru, D.Tutunea Extraction and Determination of Physico-chemical Properties of Oil from Watermelon Seeds (<i>Citrullus lanatus</i> L) to Use in Internal Combustion Engines.....	2676
Catalina Arsenescu Georgescu, Larisa Anghel Long Term Assessment of the Biological Profile in Patients with Acute Myocardial Infarction and Left Bundle Branch Block.....	2682
Oana Viola Badulescu, Roxana Hultoana, B.M.Ciuntu, Adelina Papancea, S.O.Georgescu The Role of the Immunohistochemical Examination in the Diagnosis of Castelman's Disease.....	2685
B.M.Ciuntu, S.O.Georgescu, C.Cirdeiu, D.Timofte, Doina Azoicai, Angela Tecuceanu, D.C.Moraru, Carmina Schaas, Mihaela Blaj, Camelia Tamas Negative Pressure Therapy in Wounds Surgical Treatment.....	2687
Krisztina Martha, Cristina Bica, Edva Anna Frunda The Use of High-Sucrose Culture Media for the Identification of Oral Streptococci in Infant-Mother Pairs.....	2691
Corina Ciupilan, M.V.Hinganu, Delia Hinganu, Oana Elena Ciurcanu, Mihaela Monica Scutariu Study of the Occurrence of Labio-Palatine Cleft Embryogenic Disorders of the Stomatognathic System by Using Lots of Wistar Rats Females.....	2694
K.Earar, V.I.Antoniac, Sorana Baci, S.Bran, F.Onisor, Claudia Milea, A.Mohan, Raluca Grigoriu, Adriana Saceleanu, M.Manole Etching Treatment Effect on Surface Morphology of Dental Structure.....	2700
Delia Nica Badea, Codrina Levai Separation and Detection of Caffeine, Theophylline and Theobromine from Coffee Varieties, Carbonated Soft Drinks and Alcoholic Beverages.....	2704
B.Trica, Oana Cristina Parvulescu, T.Dobre, A.A.A.Al Janabi, C.Raducanu, Claudia Patrichi Modelling of Ethanol Fermentation Coupled with Product Recovery by Pervaporation.....	2708
C.C.Budacu, S.V.Ibric Cioranu, Iulia Chiscop, C.Mihai Glucocorticoids and Postoperative Disease in Oral-Maxillofacial Surgery.....	2716
B.Doicin, D.Stanica Ezeanu, Diana Cursaru Estimation Relationships for Ethanol Conversion and Hydrogen Yield Using Neutral Network for Ethanol Steam Reforming on Co/Al ₂ O ₃ Catalyst.....	2720
Irina Iuliana Costache, E.Mitu, R. Al Namat, I. Ivanov, Roxana Popescu, O. Mitu, A. D. Costache, Ana Clara Aprotosoae Is There a Link Between Clopidogrel Resistance and Common Risk Factors for Atherosclerosis in Patients with Acute Coronary Syndrome?.....	2726
R. Hainarosie, S. Pituru, D. C. Stefanescu, Mura Hainarosie, Irina Ionita, Catalina Pietrosanu, M. G. Ionut, V. Zainea Methylene Blue Staining Test in Assessing Safe Margins in Laryngeal Papillomatosis.....	2731
M. Dumitras, D. Maftei, A. Airinei, N. Tudorachi, A. C. Dirtu NPK Analysis of the Thermal Degradation of Decabromodiphenylether.....	2734

CUPRINS

Violeta Monica Radu, Elena Diacu, Mihaela Andreea Moncea, Florina Diana Dumitru, Ana Maria Panait, Petra Ionescu Modelarea numerica a dispersiei poluantilor in Dunarea inferioara.....	2477
G.Lazar, C.Campureanu, I.Cirneanu, D.I.Vaireanu Bune practici in evaluarea incertitudinii de masurare in cazul determinarii conductivitatii solutiilor de electrolit.....	2482
B.S.Negreanu Pirjol, Ticuta Negreanu Pirjol, D.R.Popoviciu Bioacumularea cuprului, manganului si zincului in unele specii de plante de pe coasta Marii Negre.....	2488
Ecaterina Marcu, G.Deak, Irina Elena Ciobotaru, A.A.Ivanov, Petra Ionescu, Carmen Tociu, Elena Diacu Evaluarea continutului si dinamicii nutrientilor in apa si sedimente din Lacul Plumbuita Bucuresti. I. Studiu privind continutul si distributia fosforului.....	2492
Simona Bungau, Delia Mirela Tit, C. Iovan, L. Copolovici, Rica Boscencu, Gabriela Cioca, Dana Copolovici Metoda noua de determinare simultana a acizilor ascorbic si acetilsalicilic din tablete efervescente.....	2495
D.Mosteanu, G.Barsan, P.Otrisal, Luminita Giurgiu, Romana Oancea Obtinerea uleiurilor volatile din plante de pelin si tarhon printr-o metoda noua de hidrodistilare cu microunde.....	2499
Laura Ileana Socea, Stefania Felicia Barbuceanu, B.Socea, C.Draghici, Theodora Venera Apostol, Elena Mihaela Pahontu, O.T.Olaru Noi compusi heterociclici din clasa 1,2,4-triazolului cu potential actiune citotoxica.....	2503
Ioana Georgiana Lazar, Elena Diacu, G.O.Buica, Eleonora Mihaela Ungureanu, Georgiana Luiza Arnold, L.Birzan Electrozi modificati de pirilium cu proprietati de detectare a metalelor grele.....	2509
P.Budrugaec, I.Lingvay, Alexandra Pica, Beatrice Gabriela Sbarcea Studiu privind comportarea uleiului electroizolant vegetal expus imbatranirii termice accelerate.....	2514
Monica Monea, Carmen Biris, E.S.Bechir, Nicoleta Suci, Anca Maria Pop, P.Olah Eficacitatea instrumentelor endodontice nichel-titan in indepartarea smear layer-ului din dentina radiculara: studii de microscopie electronica.....	2519
Teresa Casacchia, Claudia D'Ippolito, Claudia Crina Toma, D.Uzunov, Mariangela Marrelli, Filomena Conforti, G.Statti Caracterizarea trifoiului rosu, potentiala sursa de compusi bioactivi.....	2523
D.T.Cicic, C.Rontescu, Ana Maria Bogatu, Oana Roxana Chivu, I.G.Ghionea Cercetari privind efectul aplicarii tehnicii grundului de sacrificiu.....	2529
D.Axente, Ancuta Balla, S.Bugeac, M.Gligan, Cristina Marcu Calculul parametrilor de operare la presiune pentru coloana primara de separare a instalatiei de productie a izotopului ¹⁵ N.....	2533
Liliana Porojan, Mihaela Birdeanu, Cristina Savencu, S.Porojan Caracteristicile suprafetii si proprietatile de coroziune ale aliajelor dentare procesate prin metode bazate pe laser.....	2538
Letitia Doina Duceac, L.Stafie, Elena Ariela Banu, Oana Padurar, Gabriela Calin, Madalina Irina Ciuhodaru Materiale auto-asamblate de tip hidroxizi dublu lamelari-antibiotice utilizate ca vectori de transport ai medicamentelor.....	2542
Monica Licker, A.Anghel, Roxana Moldovan, Elena Hoge, Delia Muntean, F.Horhat, E.Seclaman, L.Tamas, Mariana Anghel, Luminita Baditoiu Tehnologia microarray pentru investigarea rezistentei bacteriene a tulpinilor nosocomiale si comunitare de <i>S. aureus</i> <i>meticilino</i> rezistent.....	2546
I.Lingvay, Gabriela Oprina, Valerica Stanoi, Alexandra Pica, Livia Carmen Ungureanu, Florentina Serban Studii privind influenta cuprului si a hartiei de izolatie asupra imbatranirii termice accelerate a unor uleiuri electroizolante.....	2551
Mona Ionas, I.S.Cernusca Mitariu, Adela Dancila, T.H.Ionas, Raluca Monica Comaneanu, Oana Botoaca, Maria Mihaela Cernusca Mitariu Capacitatea unui test al anticorpilor monoclonali specifici anti- <i>Streptococcus mutans</i> pentru a identifica pacientii diabetici cu risc crescut de boala parodontala.....	2556
M.Liaquat, T.Mahmud, M.Imran, M.Iqbal, M.Muddassar, T.Ahmad, L.Mitu Sinteza, caracterizarea si studiul biologic al unor noi baze Mannich si complexii lor metalici cu Cu(II), Ni(II), Co(II), Fe(II) si Zn(II).....	2560
Elena Rusu, Ionela Sarbu, Magdalena Mitache, H.Moldovan, Carmen Ioana Biris, Tatiana Vassu, Diana Pelinescu Modificari ultrastructurale ale speciei <i>Candida albicans</i> induse de prezenta diclofenacului de sodiu.....	2566
Anca Munteanu, A.Patrascu, D.Ferariu Importanta tehnicilor de imunohistochimie in evaluarea prognosticului cancerului mamar tratat multimodal.....	2570
Luciana Carmen Nitoi, Laura Florea, Alina Aspazia Stefan, C.Ionita, Carina Andrei, Cristina Dascalu, Carmen Vulpoi Impactul dietei intensive asupra serumalbuminei la pacientii hemodializati cu afectiuni cronice ale ficatului.....	2573
G.Jugulete, Simona Iacob, Madalina Merisescu, Monica Luminos Modificari biochimice la copiii adolescenti cu infectie HIV/SIDA tratati cu antiretrovirale.....	2578
C.D.Florea, C.Munteanu, N.Cimpoesu, I.G.Sandu, C.Baciu, C.Bejinariu Caracterizarea unor straturi subtiri din materiale ceramice avansate depuse pe suport Fe-C.....	2582
Ruxandra Sava Rosianu, Angela Codruta Podariu, Meda Lavinia Negrutiu, Camelia Szuhaneck, C.Sinescu Gradul de penetrare a rasinilor cu viscozitate scazuta.....	2588
Georgeta Toma, A.Pupazescu, D.Badoiu Simularea dinamicii garniturii de prajini de extractie pentru diferite regimuri de pompare.....	2593

Carmen Luiza Costuleanu, Gabriela Ignat, Olguta Brezuleanu, G. Ungureanu, D.Robu, C.R.Vintu, E.Boghita, S.Brezuleanu Managementul urban si rural al deseurilor toxice de aluminiu in legatura cu protectia mediului in judetul Iasi.....	2597
Danuta Matei, D.Stanica Ezeanu, Diana Cursaru Eficienta catalizatorului de Co/CeO ₂ in reformarea cu abur a etanolului.....	2601
Cornelia Nitipir, Stefania Marin, Maria Minodora Marin, Madalina Albu Kaya, Mihaela Violeta Ghica, Narcisa Mederle Matrici hibride din collagen - CMC incarcate cu acid mefenamic pentru tratarea ranilor.....	2605
Andrea Csinszka Kovacs Ivacson, Farah Curt Mola, Carmen Biris, Cristina Ioana Bica, Mariana Pacurar, Adriana Monea Determinarea pH-ului si evaluarea eficientei diferitelor materiale de obturatie definitiva a canalelor radiculare in tratamentul conservator al parodontitei apicale cronice.....	2610
A.E.Cioabla, Gabriela Alina Dumitrel, Ioana Ionel Evaluarea prin modele cinetice a performantelor digestiei anaerobe pentru diferite substraturi si cosubstraturi.....	2614
Alina Mihaela Calin, Mihaela Debita, Raluca Dragomir, O.M.Stefanescu, C.Budacu, Andreea Silvana Szalontay Metode de tratament conditionate de gravitatea hiperplaziilor gingivale induse de medicamente.....	2618
Cristina Angela Ghiorghe, Gianina Iovan, V.Carlescu, B.Istrate, Galina Pancu, S.Andrian Evaluarea comparativa a duritatii si modului de elasticitate pentru materiale fizionomice de restaurare dentara.....	2623
D.Timofte, Lacramioara Ochiuz, Manuela Ursaru, B.Ciuntu, Lidia Ionescu, V.Calu, Veronica Mocanu, I.C.Puia Impactul chirurgiei bariatrice asupra nivelelor biochimice de zinc si cupru.....	2628
Daniela Florentina Enache, G.A.Popa, E.Vasile, Anca Razvan, O.Oprea, Elena Voicila, Florina Dumitru Prepararea si caracterizarea membranelor nanoparticule TiO ₂ -polisulfona pentru ultrafiltrare.....	2635
A.Ciocan, O.M.Balan, Mihaela Ramona Buga, T.Prisecaru, M.Tazerout Modelarea unui sistem de stocare de energie bazat pe un sistem de surse regenerabile in aplicatii de sine statatoare.....	2641
Madalina Diac, A.Knieling, Simona Irina Damian, Diana Bulgaru Ilescu, I.Sandu, Cristina Furnica, C.J.Iov, Sofia David Aspecte medico-legale privind otravirea cu poloniu.....	2646
Simona Irina Damian, P.Nedelea, Sofia David, A.Knieling, S.Moldoveanu,, I.Sandu, C.J.Iov Diagnostic postmortem de deshidratare hipertonica prin analiza chimica a umorii vitroase.....	2650
C.C.Budacu, S.V.Ibric Cioranu, Iulia Chiscop, Mihaela Salceanu, Anca Melian Apicoectomia - procedeu chirurgical endodontic.....	2654
Mariana Anisoara (Ciorba) Puia, H.Suciu, M.I.Ciorba, Mihaela Maria Opris, H.Al Hussein, Hamida Al Hussein, Klara Brinzaniuc Implicatiile lactatului de milrinona in managementul clinic postoperator al interventiilor chirurgicale pentru malformatii cardiace congenitale la copii.....	2658
G.Ungureanu, E.Boghita, Gabriela Ignat, Carmen Luiza Costuleanu, A.V.Sandu, C.Bejinariu, C.R.Vintu Efectul schimbarilor climatice asupra modificarilor pedologice si aridizarii solului in plantatiile de vie.....	2662
Cristina Popa, Carmen Gabriela Stelea, Ana Maria Filioreanu, Irina Georgeta Sufaru, G.A.Maftei, Manuela Arbune, Silvia Martu, Eugenia Popescu Metoda PCR de analiza a prezentei hipervirusurilor in fluidul crevicular la pacientii sero pozitivi.....	2672
Mihaela Gabriela Dumitru, D.Tutunea Extractia si determinarea proprietatilor fizico-chimice ale uleiului din seminte de pepene verde pentru utilizare la motoarele cu combustie interna.....	2676
Catalina Arsenescu Georgescu, Larisa Anghel Evaluarea pe termen lung a profilului biologic la pacientii cu infarct miocardic acut si bloc ramura stanga.....	2682
Oana Viola Badulescu, Roxana Hultoana, B.M.Ciuntu, Adelina Papancea, S.O.Georgescu Rolul examinarii imunohistochimice in diagnosticarea bolii Castelman.....	2685
B.M.Ciuntu, S.O.Georgescu, C.Cirdeiu, D.Timofte, Doina Azoicai, Angela Tecuceanu, D.C.Moraru, Carmina Schaas, Mihaela Blaj, Camelia Tamas Terapia cu presiune negativa in tratamentul chirurgical al ranilor.....	2687
Krisztina Martha, Cristina Bica, Edva Anna Frunda Utilizarea mediilor de cultura zaharoza pentru identificarea streptococilor orali transmisi de la mama la copil.....	2691
Corina Ciupilan, M.V.Hinganu, Delia Hinganu, Oana Elena Ciurcanu, Mihaela Monica Scutariu Studiul circumstantelor apartiei afectiunilor embrionare de tip bot de iepure la un lot de sobolani femele.....	2694
K.Earar, V.I.Antoniac, Sorana Baci, S.Bran, F.Onisor, Claudia Milea, A.Mohan, Raluca Grigoriu, Adriana Saceleanu, M.Manole Efectul tratamentului de albire asupra morfologiei suprafetei structurilor dentare.....	2700
Delia Nica Badea, Codrina Levai Separarea si detectarea cafeinei, teofilinei si teobrominei din diferite soiuri de cafea, bauturi slab acidulate si bauturi alcoolice.....	2704
B.Trica, Oana Cristina Parvulescu, T.Dobre, A.A.A.Al Janabi, C.Raducanu, Claudia Patrichi Modelarea procesului de fermentatie alcoolica cuplata cu recuperarea etanolului prin pervaporare.....	2708
C.C.Budacu, S.V.Ibric Cioranu, Iulia Chiscop, C.Mihai Glucocorticoizii si afectiunile postoperatorii in chirurgia orala maxilofaciala.....	2716
B.Doicin, D.Stanica Ezeanu, Diana Cursaru Relatii de estimare a conversiei etanolului si randamentului in hidrogen utilizand retea neuronală pentru reformarea cu abur a etanolului pe catalizator de Co/Al ₂ O ₃	2720
Irina Iuliana Costache, F.Mitu, R.Al Namat, I.Ivanov, Roxana Popescu, O.Mitu, A.D.Costache, Ana Clara Aprotosoai Exista o legatura intre rezistenta la Clopidogrel si factorii de risc clasici ai aterosclerozei la pacientii cu sindroame coronariene acute?	2726
R.Hainarosie, S.Pituru, D.C.Stefanescu, Mura Hainarosie, Irina Ionita, Catalina Pietrosanu, M.G.Ionut, V.Zainea Testul de colorare cu albastru de metil in evaluarea marginilor de siguranta in papilomatoza laringiana.....	2731
M.Dumitras, D.Maftei, A.Airinei, N.Tudorachi, A.C.Dirtu Investigarea degradarii termice a decabromodifenileterului.....	2734

***REVISTA DE CHIMIE
SI
REVISTA MATERIALE PLASTICE
POT FI ACCESATE GRATUIT
LA URMATOARELE ADRESE:***

***<http://www.revistadechimie.ro/>
<http://www.revmaterialeplastice.ro/>***

***FREE WEB ACCESS FOR
REVISTA DE CHIMIE
AND
MATERIALE PLASTICE***

***<http://www.revistadechimie.ro/>
<http://www.revmaterialeplastice.ro/>***