

# 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

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

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

## CUPRINS

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

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