

CONTENTS

(Page, File)

Kiss Zoltán, Ácsné Kecskeméti Beáta: KÖRNYEZETI MAGNÉZIUM ELLÁTOTTSÁG ÉS A DAGANATELLENES SZEREK HATÁSÁNAK ÖSSZEFÜGGÉSE (Page 212; File W212-213)

ifj. Várhelyi Csaba, Tihi Norbert-George, Pokol György, Szilágyi Imre, Gömöry Ágnes, Szalay Roland, Papp Judit: ÚJ PLATINA KOMPLEXEK SZINTÉZISE, FIZIKAI-KÉMIAI VIZSGÁLATA ÉS BIOLÓGIAI AKTIVITÁSUK (Page 221; File W221-224)

Takácsné Hájos Mária, Kiss Péter Zoltán: SÁRGARÉPAFAJTÁK ÁSVÁNYI ELEM TARTALMÁNAK ALAKULÁSA (Page 48; File W48-51)

Kohut Attila, Metzinger Anikó, Márton Zsuzsanna, Kopniczki Judit, Galbács Gábor, Geretovszky Zsolt: NANORÉSZECSKÉK FOLYADÉKFÁZISÚ LÉZER ABLÁCIÓS EL ÁLLÍTÁSA ÉS VIZSGÁLATA (Page 289; File W289-292)

Rudolf Kastori, Imre Kádár, Ivana Maksimovi, Marina Putnik-Deli, Žarko Ilin: REACTION OF VEGETABLE SPECIES ON As, Cd, Cr, Hg AND Se LOADS (Page 11-14; File W11-14)

Kemajl Bislimi, Altin Mele, Jeton Halili, Ilir Mazreku, Avni Behluli, Fahri Osmani, Dynja Domaniku1, Mirela Bislimi, Mentor Bici1: TRANSLOCATION OF SOME HEAVY METALS FROM THE SOIL TO THE LEAVES AND FRUIT OF THE GRAPE-VINEVINEYARDS IN ORAHOVAC (Page 107; File W107-110)

Nyagui Dan Alexandru: RESEARCH ON THE INFLUENCE OF MINIMUM TILLAGE ON PHYSICAL PROPERTIES OF SOIL, CROP PRODUCTION AND QUALITY IN WINTER WHEAT IN WESTERN ROMANIA CLIMATE CONDITIONS (Page 169; File 169-172)

Maja Meseldžija: CHANGES IN WEED POPULATION AS A CONSEQUENCE OF REPEATED APPLICATION OF HERBICIDES WITH SAME MODE OF ACTION (Page 95; File W95-98)

V. Z. Sasca, Orsina Verdes, Marinela Furca and A. Popa: THERMOGRAVIMETRIC STANDARD METHOD USED TO THE DETERMINATION OF THE KINETIC PARAMETERS FOR DECOMPOSITION OF HETEROPOLY ACIDIC CATALYSTS AND THEIR THERMAL ENDURANCE CALCULATION (Page 115; File W115-118)

Cristina Botinestean, Ionel Jianu: A STUDY ON USING SEEDS OF SEASONABLE FRUITS FROM WESTERN ROMANIA AS A POTENTIAL SOURCE OF OIL (Page 88; File W88-90)

Mili Nataša, Milanovi Maja, Radoni Jelena, Vojinovi Miloradov Mirjana, Mišan Aleksandra, Milovanovi Ivan, Mandi Anamarija: PRELIMINARY STUDY OF OCCURRENCE OF PHARMACEUTICAL RESIDUES IN THE DANUBE SURFACE WATER BY LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY (Page 253; File W253-256)

Adrian Ţ r u, Valeriu Tab r : INFLUENCE OF AGRO-CLIMATIC CONDITIONS IN THE INTERVAL 2011-2013, ON THE PRODUCTION OF WHEAT ON A MOLIC REDDISH PRELUVOIL, MEDIUM CLAY LOAM / MEDIUM CLAY LOAM, FROM VINGA PLAIN (Page 305; File W305-308)

Orosz Ferenc: LOMBTRÁGYÁZÁS HATASA NÉHÁNY HÓNAPOS RETEK FAJTÁRA (Page 177; File W177-180)

Iosif Both, Iacob Borza, Loredana Copcean: THE REGIME OF NUTRIENTS IN UNDERGROUND WATERS OF THE INTERFLUVE TIMI -BEGA, DOWNSTREAM OF TIMI OARA (Page 277; File W277-280)

Kiurski Jelena, Keci Vesna, Oros Ivana, Aksentijevi Snežana, Ralevi Nebojša: INDOOR AIR QUALITY IN PHOTOCOPYING FACILITY WITH STATISTICAL ANALYSIS (Page 161; File W161-164)

Kiurski Jelena , Oros Ivana , Keci Vesna , akovi Vladimir ,An eli Goran :THE INFLUENCE OF WATER HARDNESS ON FOUNTAIN SOLUTION QUALITY (Page 165; File W165-168)

Natasa Milosevic, †Nada Perisic Janjic, Natasa Milic, Gordana Uscumlic, Nebojsa Banjac: APPLICATION OF ISOCRATIC HYDROPHOBIC INDEX OBTAINED BY RP-TLC FOR MOLECULAR LIPOPHILICITY OF SOME SUCCINIMIDE DERIVATES (Page 208; File W208-211)

A.Pallagi, G. Veréb, T. Alapi, K. Schrantz, G. Simon, A. Dombi1: SZUSZPENDÁLT ÉS PAPÍR HORDOZÓN RÖGZÍTETT DEGUSSA P25 FOTOKATALIZÁTOR AKTIVITÁSÁNAK ÖSSZEHASONLÍTÁSA (Page 28; File W28-31)

Anikó Metzinger1, Éva Kovács-Széles, István Almási, Gábor Galbács: ANALYSIS OF CESIUM IN HUMAN BLOOD AND URINE SAMPLES BY LASER INDUCED BREAKDOWN SPECTROMETRY (Page 285; W285-288)

Kálomista Ildikó, Metzinger Anikó, Galbács Gábor: ARANY NANOSZOLOK MÉRETELOSZLÁSÁNAK VIZSGÁLATA ICP-MS MÓDSZERREL (Page 293, File 293-296)

Tungler Antal, Szabados Erika: TESTING OF CATALYTIC WET AIR OXIDATION WITH DESIGN OF EXPERIMENTS (Page 245; File W245-248)

Péter Bába, Eszter Tóth-Szeles, Paola Adamo, Carmine Amalfitano: PRELIMINARY STUDIES ON GROWING MEDIA ALTERNATIVE TO PEAT (Page 32; File W32-35)

K. Slezák - É. S. Bányai - M. Kerek - K. Nagy : THE EFFECT OF THE DIFFERENT GROWING TECHNOLOGY'S ELEMENTS OF THE SPICE PEPPER POWDER'S COMPONENT CONTENT (Page 321; File W321-324)

Katalin Slezák, Ákos Doktor, Ferenc Orosz, Aleš Jezdinský : EFFECT OF SAMPLING DATE ON SOME INSIDE VALUE OF NANTES TYPE CARROT ROOTS (Page 217; File: W217-220)

Máté Mihály, Kitti Nagy, Katalin Slezák : EFFECT OF POTASSIUM CHLORIDE ON THE YIELD AND FRUIT QUALITY OF SWEET PEPPER IN INTENSIVE OPEN-FIELD CULTIVATION (Page 148; File: W148-151)

Kitti Sárközi, Judit Krisch, András Papp : EFFECT OF GREEN TEA ON ARSENIC TOXICITY IN RATS (Page 261; File W261-264)

Adrian Laza, Georgeta Pop: STUDY REGARDING FLAX PHYTOREMEDIATION ABILITY (Page 257; File W257-260)

N. Czirbus, T. Nyilas, L. Bíró, G. Bozsó, K. Kiss, M. Hetényi: THE ORIGIN OF HEAVY METAL CONTENT IN SOILS OF AGTELEK KARST (Page 52; File W52-55)

Sanja Lazic, Dragana Sunjka, Nada Grahovac, Varéria Guzsány: STABILITY TEST OF BENTAZON, DICAMBA AND 2,4-D IN WATER (Page 297; File W297-300)

Sanja Lazic, Dragana Sunjka, Nada Grahovac, Valéria Guzsány: DETERMINATION OF ACETAMIPRID IN SWEET CHERRY SAMPLES (Page 56; File W56-59)

Pelea George Narcis, Costescu Ioana Alina, Man Teodor Eugen: ENVIRONMENTAL IMPACT OF IRRIGATION AND LAND IMPROVEMENT WORKS IN BIRDA LOCALITY, TIMI COUNTY, ROMANIA (Page 237; File W237-240)

Silvica Oncia, Loredana Copcean, Mihai Herbei : GIS TECHNIQUE IN REPRESENTING EDAPHIC ENVIRONMENTAL QUALITY OF THE ADMINISTRATIVE TERRITORY OF DUMBRAVA (Page 152; File W152-155)

Tünde Nyilas, Gábor Nagy, Márton Papp and Mariann Imre: THE EFFECTS OF CULTIVATED AGRICULTURAL FIELDS ON THE WATER- AND SOIL CHEMISTRY OF THE LAKE NAGYSZÉKSÓS (HUNGARY) (Page 99; File W99-102)

Puskás Irén, Farsang Andrea, Bartus Máté: A VÁROSI, KÖZTÉRI TALAJOK KÖRNYEZETI PUFFERKAPACITÁSÁT MEGHATÁROZÓ PARAMÉTEREK ÉRTÉKELÉSE BUDAPEST, SZEGED PÉLDÁJÁN (Page 44; File W44-47)

Suciu (c s.Bigyilan) Laura, Șumlan Radu, Viliga Lucian Florin: ENVIRONMENTAL IMPACT ANALYSIS ON PLANTS USING INTEGRATED SENSOR SYSTEM (Page 313; File W313-316)

Viliga Lucian Florin, Șumlan Radu, Suciu (c s.Bigyilan) Laura: STUDIES REGARDING WATER STRESS TOLERANCE ON SOME SORGHUM GENOTYPES (Page 119; File W119-122)

Gorica Vukovi , Vojislava Bursi , Jelena Vlajkovi , Igor Jaji , Sasa Krstanovi , Marinela Tadi : DETERMINATION OF FIVE BIOGENIC AMINES IN SOURCE WATER BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY WITH DIODE-ARRAY DETECTION (Page 111; File W111-114)

Muladi Beáta, Mucsi László: LÁTOGATÓ CSOPORTOK HATÁSA A TRIÓ-BARLANGBAN (Page: 72; File: W72-75)

Zsolt Benk : COMPARISON OF THE ENVIRONMENTAL LOAD OF A BUS AND A TROLLEYBUS (Page 127, File W127-130)

Monica Ihos, Florica Manea, Dimitrie Botau, Cosmina Militaru, Carmen Lazau and Rodica Pode : DSA ELECTRODES INVOLVEMENT IN PHOTOCATALYTICALLY - ASSISTED ELECTROCHEMICAL DEGRADATION OF IBUPROFEN (Page 91, File W91-94)

Cristian Rujan, Lavinia Alina Caluseru, Ionut Sandoiu, Despina-Maria Bordean, Cosmin Constantnescu, Lavinia Sirbu, Luminata Cojocariu: PRINCIPAL COMPONENT ANALYSIS OF FESTUCA ARUNDINACEA GERMINATION (Page 144; File W144-147)

Lavinia Alina Caluseru, Cristian Rujan, Veronica Sarateanu, Despina-Maria Bordean, Cosmin Constantinescu, Ionut Sandoiu, Luminata Cojocariu: PROTECTION OF THE BIODIVERSITY IN THE WEST OF ROMANIA, THROUGH INSPECTION AND CONTROL BY PUBLIC AUTHORITIES (Page 309; File W309-312)

Roman Alina Nicoleta, Lazureanu A.: BIOLOGY OF AMARANTHUS RETROFLEXUS L. SPECIES IN LAB CONDITIONS (Page 156; File W156-157)

Paska Oana, Pacurariu Cornelia: ADSORPTIVE REMOVAL OF CATIONIC DYES USING MAGNETIC NANOPARTICLES. EQUILIBRIUM AND KINETIC STUDIES (Page 103; File W103-106)

Petre (Sulugiu) Camelia; Carciu Gheorghe: DYNAMICS OF WEEDING OF SUNFLOWER IN CARAS-SEVERIN COUNTY, ROMANIA (Page 205; File W205-207)

Simoni Marjana: LANDFILL LEACHATE TREATMENT USING BIOPOLYMER (Page 281; File W281-284)

C.R. Marcu, A. Pacala, G. Zambo, I. Vlaicu : COAGULATION STUDIES TO IMPROVE THE DRINKING WATER TREATMENT PROCESS (Page 36; File W36-39)

Dragan Adamovic, Ivana Mihajlovic, Sabolc Pap, Mirjana Vojinovic-Miloradov, Jelena Radonic, Maja Turk-Sekulic, Savka Adamovic: APPLICATION OF ADSORPTION PROCESS IN THE TREATMENT OF MEAT INDUSTRY WASTE WATER (Page 241; File W241-244)

Masu Smaranda: PHYTOREMEDIATION OF CRUDE OIL POLLUTED SOIL: STUDIES OF THE TOTAL PETROLEUM HYDROCARBONS DECREASE IN THE RHIZOSPHERE PLANES (Page 173; File W173-176)

Földényi Rita, Tóth Zoltán: RÖVID TANULMÁNY AZ ÜLEDÉKEK FOSZFORTARTALMÁNAK MEGHATÁROZÁSÁRÓL (Page 185; File W185-188)

Alexandru Popa, Viorel Sasca, Orsina Verdes, Marinela-Liliana Furca, Ivanka Holclajtner-Antunovi : ANALYTICAL METHODS FOR CHARACTERISATION OF Co SALTS OF KEGGIN TYPE HETEROPOLYACIDS SUPPORTED ON TWEEN 60 MESOPOROUS MATERIAL (Page 189; File W189-192)

László Berényi: SUSTAINABILITY – AN INTEGRATED ORGANIZATIONAL APPROACH (Page 123; File W123-126)

Halmos László, Bozsó Gábor, Pál-Molnár Elemér: PERIODICAL ALTERING OF pH AND EC IN SALINE LAKE SEDIMENTS, SOUTHERN HUNGARY (Page 201; File W201-204)

Elena Enea (Kiss), Maria B la: ASSOCIATING ANNUAL PLANTS IN A FLOWERBED IN THE ALPINET PARK OF TIMISOARA, ROMANIA (Page 273; File W273-276)

Petru A., Dobrei A., Ghiț Alina, Nistor Eleonora: STUDIES CONCERNING BIOLOGICAL AND THERMAL WEED CONTROL IN VINEYARDS (Page 269; File W269-272)

Petru A., Dobrei A., Ghi Alina, Blidariu Ciprian:STUDIES CONCERNING THE SOIL AND VINE MAINTENANCE MECHANIZATION IN VINEYARDS (Page 265; File W265-268)

Péter Antal, Ákos Koós, Péter Kesser : NITRATE REDUCTION PROFILES OF IRON-BASED FILLINGS (Page 181; File W181-184)

Gârban Z., Silaghi-Dumitrescu R., Ghibu G.-D., Balt C., Ioni Hortensia, Avacovici Adina, Gârban Gabriela, H d rug Nicoleta, Simiz Eliza , Muselin F., Brudiu Ileana: EFFECTS INDUCED BY THE GALLIUM COMPLEX C(85) IN ACUTE AND CHRONIC EXPERIMENT IN RATS. NOTE I. HOMEOSTASIS OF SOME BIOCHEMICAL PARAMETERS (Page 15; File W15-18)

Gârban Gabriela, Silaghi-Dumitrescu R., Ioni Hortensia, Balt C., P curar Rodica, Gârban Z., H d rug Nicoleta, Ghibu G.-D., Muselin F., Corina Pascu, Simiz F.-D.:EFFECTS INDUCED BY THE GALLIUM COMPLEX C(85) IN ACUTE AND CHRONIC EXPERIMENT IN RATS.NOTE II. HOMEOSTASIS OF THE MAIN HEMATOLOGICAL PARAMETERS (page 19, File W19-22)

Tuti Lica , r u Dorin , Kótai Csaba : SOIL RESOURCE IDENTIFICATION AND QUANTITATIVE EVALUATION OF LAND IN KISZOMBOR, HUNGARY (Page 233; File W233-236)

Tuti Lica , r u Dorin , : DETERMINATION OF LANDS CADSATRAL VALUE IN THE COUNTY OLT, ROMANIA (Page 317; File W317-320)

Georgeta Mihoc, Cornelia Păcurariu: REMOVAL OF Cu(II) FROM AQUEOUS SOLUTION BY ADSORPTION ON MAGNETIC NANOPOWDER COVERED WITH ACRYLIC ACID (Page 301; File W301-304)

Ștefan Bogdan-Ovidiu, Flăminia Cosma Eugenia, Popa Iuliana, Flăminia Cosma Gheorghe, Vlascici Dana, Bîrdeanu Mihaela Ionela, Ștefan Ioan: PRELIMINARY STUDIES ON GLASSY CARBON ELECTRODE MODIFIED WITH A NOVEL FUNCTIONALIZED A3B PORPHYRIN. APPLICATION AS POTENTIOMETRIC CATION SENSOR. (Page 80; File W80-83)

Bursi Vojislava, Vuković Gorica, Dedi Boško, Stojanović Zoran, Prvulović Dejan, Malenčić Zorica, Zeremski Tijana: ENVIRONMENTAL IMPACT ON ANTIOXIDANT CAPACITY IN SOUR CHERRIES: HPLC-DAD DETERMINATION OF PHENOLIC ACIDS AND FLAVONOIDS (Page 40; File W40-43)

Thomas Dippong, Raluca Aglaia Deac, Ivan Pauliuc, Levei Erika-Andrea: STUDY OF ACID-BASE SPECIES FORMATION OF IRON AND COBALT METALIC SUCCINATE TYPE OBTAINED BY ELECTROMETRIC TITRATIONS (Page 60; File W60-63)

Thomas Dippong, Zoita Berinde, Ivan Pauliuc: EVOLUTION OF **PHYSIOCHEMICAL** PARAMETERS FROM SATU MARE WASTEWATER TREATMENT PLANT IN THE LAST TWO DECADES (Page 139; File W139-143)

Thomas Dippong, Ivan Pauliuc, Zoita Berinde: IMPROVING THE EFFICIENCY OF SATU MARE WASTEWATER TREATMENT PLANT BY NUTRIENT REDUCTION FROM THE BIOLOGICAL STAGE (Page 135; File W135-138)

Sonja Gvozdenac, Vojislava Bursi, Gorica Vuković, Slavica Vuković, Dušanka Inić, Sanja Lazić, Mira Pucarević, Zvezdan Karagić: DETERMINATION OF PESTICIDE RESIDUES IN WATER FROM IRRIGATION CANAL IN COMPARATIVE STUDY USING LC-MS/MS AND *SORGHUM BICOLOR* L. AS A BIOINDICATOR (Page 68; File W68-71)

Lascu Anca, Bîrdeanu Mihaela, Creanga Ionela, Palade Anca: ABOUT THE AGGREGATION BEHAVIOUR OF HYDROXY-PORPHYRIN Fe(III) COMPLEX (Page 193; File W193-196)

Prlica Miljana, Dalmacija Milena, Dalmacija Božo, Krcmar Dejan, Tomasević Dragana, Novaković Dragoljub, Adamović Savka: CARDBOARD MILL SLUDGE STABILIZATION POTENTIAL (Page 84; File W84-87)

Adamović Savka, Prlica Miljana, Rajić Ljiljana, Dalmacija Božo, Tricković Jelena, Adamović Dragan, Novaković Dragoljub: ELECTROCOAGULATION / ELECTROFLOTATION REMOVAL OF TURBIDITY FROM INDUSTRIAL WASTE PRINTING DEVELOPER (Page 76; File W76-79)

Blidariu Ciprian, Dobrei Alin, Petru Adrian: RESEARCHES CONCERNING THE IMPACT OF GREEN WORKS AND OPERATIONS ON SUGAR CONTENT IN THE MUSCAT DE HAMBURG GRAPE VARIETY AT THE DIDACTIC STATION IN TIMISOARA, ROMANIA (Page 229; File W229-232)

Mihaela Ciopec, Adina Negrea, Petru Negrea, Lavinia Lupa: USE OF SiO₂ IMPREGNATED WITH CROWN ETHER AND IONIC LIQUID AS NEW ADSORBENT MATERIALS IN THE REMOVAL PROCESS OF Cs⁺ FROM AQUEOUS SOLUTIONS (Page 23; File W23-27)

Simona Funar-Timofei, Georgeta Simu, Daniela Ionescu, Sergiu Adrian Chicu: SUDAN I STRUCTURE STUDY BY AB INITIO METHODS (Page 197; File W197-200)

Anches Codrut Calin, Maria B la: RESULTS CONCERNING SUBSTRATE AND GROWTH ENHANCERS EFFECT ON PLANT HEIGHT IN FICUS BENJAMINA (Page 158; File W158-160)

Diana Mihaela Brizu, Maria B la: EFFECT OF CUTS ON FLOWER DIAMETER IN A FEW VARIETIES OF THEA ROSES USED IN TIMIȘOARA, ROMANIA (Page 131; File W131-134)

Nebojša M. Ralevi , Nataša S. Glišovi , Jelena S. Kiurski, Goran B. Andjeli , Vladimir Dj. Djakovi : PREDICTION RISK ESTIMATION OF THE NEURAL NETWORKS APPLICATION ON THE BELGRADE STOCK EXCHANGE (Page 249; File W249-252)

Tiberiu Frentiu, Alin I. Mihaltan, Sanziana Butaciu, Eugen Darvasi, Michaela Ponta.: MERCURY SPECIATION IN SOIL USING A 3-STEP SEQUENTIAL EXTRACTION AND DETECTION BY COLD-VAPOR CAPACITIVELY COUPLED MIKROPLASMA OPTICAL EMISSION (Page 64; File W64-67)

L. Máthé, E. Gy. Bán, Máthé J. : THE PRESENCE AND FREQUENCY OF HYPERKALEMIA IN CARDIOVASCULAR PATIENTS (Page 225; File W225-228)

REMEMBER; Dr gan Simona, Gârban Gabriela, Negrea Petru : TWO DECADES FROM THE INITIATION OF THE INTERNATIONAL SYMPOSIUM “METAL ELEMENTS IN ENVIRONMENT, MEDICINE AND BIOLOGY” (MEEMB), TIMI OARA - ROMANIA (1993-2013) (Page 325-327 ; File REMEMBER)