
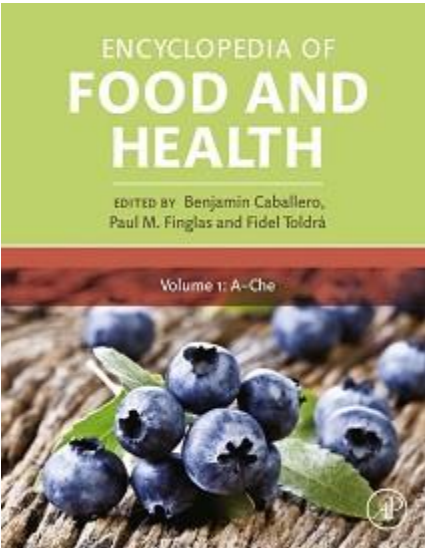
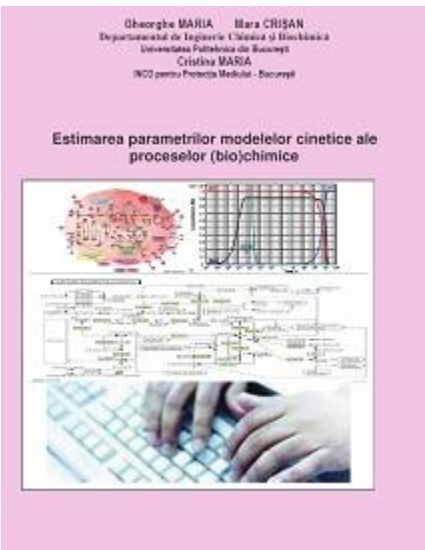


Year 2016

Books

Cover	Title	ISBN	Publisher	Authors
 <p>MONITORIZAREA IMPACTULUI ASUPRA MEDIULUI A LUCRĂRILOR DE ÎMBUNĂȚIRE A CONDIȚIILOR DE NAVIGAȚIE PE DUNĂRE ÎNTRU CĂLĂRAȘI ȘI BRĂILA, km 375 și km 175</p> <p>MONOGRAFIE Volumul I</p>	<p>Monitorizarea impactului asupra mediului a lucrărilor de imbunatatire a conditiilor de navigatie pe Dunare intre Calarasi si Braila, km 373 si km 175, vol 1</p>	<p>978- 973-741- 506-6</p>	<p>Editura Universitas Petroșani</p>	<p>Gy. Deak, M. Ilie, A.M.Badilita, M. Raischi, N.S.Raischi, P. Ionescu, A. Ivanov, A. Anghel, M. Matei, I. Marcus, M. Mitiu, M. Boboc, I. Ciubotaru, D. Dumitru, E. Holban, L. Laslo, M. Mincu, A. Moncea, M. Olteanu, V.M. Radu, C. Sirbu, C. Tociu</p>

	<p>Colors: Properties and Determination of Synthetic Pigment</p>	<p>978- 012- 384947 2</p>	<p>Oxford: Academic Press</p>	<p>E. Diacu</p>
	<p>Estimarea parametrilor modelelor cinetice ale proceselor (bio)chimice</p>	<p>978- 606-23- 0633-5</p>	<p>Editura PRINTECH București</p>	<p>G. Maria, M. Crișan, C. Maria</p>



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ISI Indexed Papers

Applied Surface Science - Impact Factor 3.387

Title	Authors
The determination of the optimum hydrolysis time for silane films deposition	I.A. Ciobotaru, I. Maior, D.-I. Vaireanu, A. Cojocaru, S. Caprarescu, I.E. Ciobotaru

International Journal of Environmental Science and Technology - Impact Factor 2.344

Title	Authors
Carcinogenic risk evaluation for human health risk assessment from soils contaminated with heavy metals	D. M. Cocârță, S. Neamțu, A.-M. Reșetar-Deac



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Journal of Solid State Electrochemistry - Impact Factor 2.316

Title	Authors
Thermodynamics of interactions between lead(II) and cadmium(II) ions and azulene-based complexing polymer films, Journal of Solid State Electrochemistry	G.-O. Buica, L. Birzan, L.-R. Popescu (Mandoc), A.A. Ivanov, E.-M. Ungureanu

Aerosol and Air Quality Research - Impact Factor 1.83

Title	Authors
Impact of Grid Resolution on Aerosol Predictions: A Case Study over Italy	M.Mircea, G.Grigoras, M.D'Isidoro, G.Righini, M. Adani, G.Briganti, , L.Ciancarella, A. Cappelletti, G. Calori, I. Cionni, G. Cremona, S. Finardi, Bo R. Larsen, G. Pace, C. Perrino, A. Piersanti, C. Silibello, L. Vitali, G. Zanini

Atmospheric Pollution Research - Impact Factor 1.637

Title	Authors
Assessing of surface-ozone concentration in Bucharest, Romania, using OML and satellite data	G.Grigoras, S.Ștefan, C. Rada, C. Grigoras



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Revista de Chimie - Impact Factor 1.232

Title	Authors
Statistical analysis of heavy metals concentration in water and sediments in the lower part of the Danube River – Romanian section	D. M. Cocârță, S. Neamțu, A.-M. Reșetar-Deac
Overall assessment of water quality on Lower Danube River using multi-parametric quality index	V.-M. Radu, A. A. Ivanov, P. Ionescu, Gy. Deák, E. Diacu
Assessment of Heavy Metals Content in Water and Sediments from the Lower Danube River Using EcoIndex	V.-M. Radu, A. A. Ivanov, Gy. Deák, E. Diacu
Assessment of heavy metal levels in water, sediment and fish from Plumbuita Lake, Romania	P. Ionescu, Gy. Deák, E. Diacu, V.-M. Radu
FTIR Method for PRAESTOL™ A3040L Analysis in Surface Waters	A.A. Ivanov, E. Diacu, Gy. Deák
Detection of estrogens from aquatic environments by gas chromatographic method	P. Ionescu, E. Diacu, V.-M. Radu, Gy. Deák, M. Tudor
Tropospheric Ozone Concentrations – Seasonal and Daily Analysis and its Association with NO and NO ₂ as a Function of NO _x in Ciuc Depression – Romania	R. Szep, L. Matyas, R. Keresztes, M. Ghimpușan
Multi-model assessment of tropospheric ozone pollution indices of risk to human health and crops, and ozone deposition in Ciuc Depression – Romania	R. Szep, R. Keresztes, L. Constantin
The dry deposition of PM ₁₀ and PM _{2.5} to the vegetation and its health effect in the Ciuc basin	R. Szep, R. Keresztes, Gy. Deak, F. Toba, M. Ghimpușan, E.M. Craciun
Dew point – indirect particulate matter pollution indicator in the Ciuc basin – Harghita, Romania	R. Szep, R. Keresztes, A. Korodi, Sz. Tonk



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Environmental Engineering and Management Journal - Impact Factor 1.008

Title	Authors
Development of a multiparametric quality index for water quality monitoring	V.-M. Radu, A. A. Ivanov, P. Ionescu, Gy. Deák, M. Tudor
Comparative study on the use of new sturgeon migration monitoring systems on the lower Danube.	C. Raischi, L. Oprea
Preliminary Analysis of the Sturgeons' Swimming Capacity Above the Bottom Sill Through Numerical Simulation. Case Study – Bala Branch	A-F. Nicolae, P-L. Georgescu, Gy. Deák, A. Badilita, M. Tudor

Romanian Journal of Materials - Impact Factor 0.56

Title	Authors
Studies regarding the crystallization of some glass compositions with low barium oxide content	M. Eftimie, E. Marinescu, A. Melinescu, A. Moncea

Others - Impact Factor 0

Jurnal	Title	Authors
Revista Metalurgia	Mold powders for continuous casting	I.F. Burlacu, C. Dobrescu
Agrolife Scientific Journal	Research of dynamic ichthyofauna from Comana Nature Park	A.M. Nuta, S. Diaconescu, T. Danalache, R. Filep, C. G. Nicolae



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IOP Conference Series: Materials Science and Engineering	Greening Solutions Applicable in the Tailing Ponds Tăușani and Boșneag, Moldova Nouă	I.F Burlacu, Gy. Deák, M C Raischi, A Daescu, S Zamfir, B Uritescu, C Cirstinoiu and M V Olteanu
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Int. Datab. Indexed Papers

Title	Journal	Authors
Spatial distribution of heavy metal contamination in surface sediments from the Danube River.	International Journal of Environmental Science	M. Ilie, F. Marinescu, A.-M. Anghel, G. Ghita, Gy.Deák, M. Raischi, C. Cirstinoiu, M. Matei, St. Zamfir
Risk assessment of population exposure to nitrates/nitrites in groundwater: A case study approach	Ecoterra Journal of Environmental Research and Protection	Tociu C., Marcu E., Ciobotaru I. E., Maria C.
Optimization the physical-chemical processes in the treatment of domestic and industrial wastewaters	Buletinul Institutului Politehnic din Iași, Secția,Chimie și Inginerie chimică	M. Mincu, C. Bălăceanu, A. Dăescu
The Influence of Hydrotechnical Structures on the Minor Riverbed Morphology of the Danube, In the Bala Branch – Old Danube Bifurcation Area	Tehnomus Journal	A.-F. Nicolae, P.L. Georgescu, M.C. Raischi, Al. Petrescu, M. G. Boboc
The Influence of the Hydrotechnical Constructions Geometry on the Water Velocity Distribution	Annals of “Dunarea De Jos” University of Galati Mathematics, Physics, Theoretical Mechanics	A.-F. Nicolae, B. Urișescu, C-tin. Cirstinoiu, Al. Petrescu, P.L. Georgescu



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Improvement of abrasive wear resistance of the high chromium cast iron ASTM A-532 through thermal treatment cycles	Revista Facultad de Ingeniería	O.F.Higuera Cobos, F.D. Dumitru, D. H. Mesa-Grajales
Assessment of Pressures Caused by Climate Changes on Wetlands in Romania Based on MAES Framework	International Journal of Environmental Science	M., Matei, L., Laslo, N., Ciobotaru, C., Musat, M., Boboc, M., Raischi, G., Deák.
Methodologies of Mapping the Cultural Services	International Journal of Tourism	M., Boboc, N., Ciobotaru, T., Lupei, A., Moncea, M., Matei, L., Laslo, G., Deák.
Assessment of Ecosystem Condition in Romania Using MAES Methodology. Case study: Divici – Pojejena Wetland	Proceedings of International Conference on Biological Engineering and Natural Sciences	M., Matei, M., Raischi, L., Laslo, N., Ciobotaru, C., Muşat, M., Boboc,, G., Deák.
Modulation of the antibiotic susceptibility profiles of some microbial strains isolated from wastewater under the influence of the electromagnetic field	Proceedings Book – International Symposium – The Environment and Industry	E. Radu, F. Marinescu, I. Savin, M. Popa, G. Pircalabioru, M. Badic, M.C. Chifiriuc
Modulation of the antibiotic susceptibility profiles of some microbial strains isolated from wastewater under the influence of the electromagnetic field	Proceedings Book – International Symposium – The Environment and Industry	E. Radu, F. Marinescu, I. Savin, C.M. Kamerzan (Saviuc), M. Badic, M.C. Chifiriuc
Aquatic plants as a remediation tool for polluted water	EcoTerra – Journal of Environmental Research and Protection	V.-M. Radu, P. Ionescu
Assessment of transfer phenomena for heavy metals in a freshwater ecosystem: a field study	Studia Ambientum	P. Ionescu, V.-M. Radu, E. Marcu, I. E. Ciobotaru, A. A. Ivanov



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Spatial and seasonal variations of heavy metals in water and sediment samples collected from the Lower Danube River	Scientific Annals of the Danube Delta Institute	P. Ionescu, V.-M. Radu, Gy. Deák
Impact of the Lower Danube hydro technical works on sturgeons' migration	International Journal of Environmental Science	C. Raischi, L. Oprea

Pres. at Int. Events

Title	Event	Authors
The Influence of the Hydrotechnical Constructions Geometry on the Water Velocity Distribution	Scientific Conference of Doctoral Schools from "Dunărea de Jos" University of Galati – Galați, România	A.-F. Nicolae, B. Urișescu, C. Cirstinoiu, Al. Petrescu, P.-L. Georgescu
Effect of severe plastic deformation on an extruded ZK60 magnesium alloy	MRS Online Proceeding Library Archive	F.D. Dumitru, Gy.Deák, O.F. Higuera Cobos, J. M. Cabrera-Marrero
Binder Microstructures Developed during the Hydration Process in the System Portland Cement – Calcium Aluminate Cement – Calcium Sulfate	Advanced Structural Materials of XXIV International Materials Research Congress	M. A. Moncea, A. M. Panait, Gy. Deák, G. Poteras
Nutrient speciation and water quality assessment of the Circului Lake, Bucharest	11th International Conference on „Environment Legislation, Safety Engineering and Disaster Management” ELSESEDIMA, Cluj, România	I.E. Ciobotaru, E. Marcu, C. Cimpoeru, I. Savin, A. A. Ivanov



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Application of correlation algorithms on monitoring data for quality assessment of the aquatic ecosystems	Symposium of the Young Chemical Engineers, SICHEM, Bucuresti, Romania	P. Ionescu, A.A Ivanov, E. Diacu, Gy. Deák
Assessment of transfer phenomena for heavy metals in a freshwater ecosystem: a field study	11th International Conference Environmental Legislation, Safety Engineering and Disaster Management-ELSESEDIMA, Cluj-Napoca, Romania	P. Ionescu, V.-M. Radu, E. Marcu, I. E. Ciobotaru, A. A. Ivanov
Influence of different galvanic sludge types on the extraction efficiency of chromium ions	International Conference on materials science & engineering 7th edition, Universitatea „Dunărea de Jos”, Galati, Romania	M.I. Marcus , M. Vlad, M.A. Mitiu
Spatial Distribution of Water Quality and Eutrophication Levels of Divici-Pojejena Wetland	16th International Multidisciplinary Scientific GeoConference SGEM 2016, SGEM Vienna GREEN Extended Scientific Sessions, Hydrology and water resources, Vienna, Austria	M. Ilie, G. Ghita, Gy. Deák, A.M. Anghel, M. Raischi.
Risk assessment of population exposure to nitrates/nitrites in groundwater: A case study approach	11th International Conference of Environmental Legislation, Safety Engineering and Disaster Management, ELSESEDIMA, Cluj Napoca.	C. Tociu, E. Marcu, I. E. Ciobotaru, C. Maria
Assessment of Ecosystem Condition in Romania Using MAES Methodology. Case study: Divici – Pojejena Wetland	International Conference on Biological Engineering and Natural Sciences (ICBENS),Cebu, Filipine,	M. Matei , M. Raischi , L. Laslo, N. Ciobotaru , C. Muşat , M. Boboc , Gy. Deak
Mapping and Assessment of the Ecosystem Services in Divici-Pojejena Wetland and	International Conference on Biological Engineering and Natural Sciences (ICBENS),Cebu, Filipine	M. Boboc , L. Laslo, M. Matei , C. Muşat , M. Raischi , Gy., Deak



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Identification of their Contribution to the Economic Sectors		
Hydrological response to extreme rainfall events in Şuşiţa River watershed (Romania)	16th Biennial Conference ERB 2016, Hydrological behaviour in small basins under changing conditions , Bucuresti	N., Ciobotaru, R., Costache
Observed Changes in the Frequency and Magnitude of Floods in the Eastern Part of Romania.	The 33rd International Geographical Congress, Beijing, China, 21 – 26 August 2016	L. Zaharia, G. Ioana-Toroimac, R. Costache, G. Neculau, N. Ciobotaru, G. Minea, E. Crăciun
Assessing the Aquatic Environment Quality Contaminated with Heavy Metals as a Result of Polymetallic Mining in the North-West Region of Romania using Pollution Indices	ICEER 2016 – The 3rd International Conference on Energy and Environment Research, Barcelona, Spania	A.-M. Anghel, M. Ilie, G. Ghiţă, F. Marinescu, Deák Gy.
Assessment of water quality of small artificial lakes in the bucharest-ilfov area	Simpozion internațional: „SICHEM 2016”, Bucuresti, Romania	A.-M. Anghel, E. Diacu, Deák Gy., C. Cimpoeu, , E. Marcu
Co-exposures in the Lung	The Interplay Between Environmental Exposures and Infectious Agents	A.M. Bors