

**Articole publicate in reviste cotate ISI (2017)**

Nr. crt.	Autori	Titlu articol	Titlu revistă
1.	Tăbăcaru, A., Furdui, B., Ghinea, I. O., Cârâc, G. Dinică, R. M.	Recent Advances in Click Chemistry Reactions Mediated by Transition Metal Based Systems	Inorganica Chimica Acta, Volume 455, Part 2, 30 January 2017, Pages 329-349
2.	Burada A., Teodorof L., Despina C., Seceleanu-Odor D., Tudor M., Ibram O., Năvodaru I., Murariu G., Țopa M. C., Tudor M.	Trace elements in fish tissue with commercial value of the Danube Delta biosphere reserve	EEMJ Volume 16 2017, No 3, 731-738
3.	G Murariu, V Hahuie, A Murariu, L Georgescu, C Iticescu, .. Calin, M ; Preda, C ; Buruiana, D; Carp, Gb.	FOREST MONITORING METHOD USING COMBINATIONS OF SATELLITE AND UAV AERIAL IMAGES. CASE STUDY- BĂLĂBĂNEȘTI FOREST.	International Journal of Conservation Science 8 (4), p.703 - 714
4.	Gabriel Murariu, Valentin Hahuie, Adrian Gabriel Murariu, Lucian Georgescu, Mihaela Alina CALIN, Daniela BURUIANA, Ionica Soare, Mihaela Onica, Gabriel Bogdan Carp,	GROWTH RATE MODELING FOR WHITE POPLAR IN THE SOUTH EASTERN PART OF ROMANIA: AN IMPORTANT ISSUE OF FOREST CONSERVATION.	International Journal of Conservation Science 8 (2), p. 303 - 316
5.	Crețu, ROMICA, Șolea LIVIU	Zeta potential and color investigations of vegetable oil based emulsions as eco-friendly lubricants	Scientific Study & Research - Chemistry & Chemical Engineering, Biotechnology, Food Industry, Vol. 18, no. 2, p. 167 - 180
6.	S. Condurache-Bota, M. Praisler, R. Gavrilă, N. Țigău,	Sandwich heterostructures of antimony trioxide and bismuth trioxide films: Structural, morphological and optical analysis,	Appl. Surf. Sci., 391 (A), 59-65 (2017); scor relativ de influență: 1,36118; factor de impact: 1,793

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7.	S. Condurache-Bota, N. Tigau, M. Praisler, G. Prodan, R. Gavrilă,	Near-infrared energy bandgap bismuth oxide thin films and their in-depth morpho-structural and optical analysis	Rom. Rep. Phys., <b>69</b> (3), 1-10, 2017
8.	N. Tigau, S. Condurache-Bota, R. Drasovean J. Cringanu, R. Gavrilă,	Vacuum annealing effect on the structural and optical properties of antimony trioxide thin films,	Rom. J. Phys., <b>62</b> (1-2), art. no. 604, 1-10, 2017
9.	S. Condurache-Bota, N. Tigau	The influence of the oxidation degree of bismuth oxide thin films on their optical properties	Rev. Roum. Chim., <b>62</b> (10), 757-762, 2017
10.	Arseni, M., Rosu, A., Bocaneala, C., Constantin, D. E., & Georgescu, L. P.	Flood hazard monitoring using GIS and remote sensing observations	Carpathian Journal of Earth and Environmental Sciences, 12(2), 329-334., ISSN: 1842-4090 (IF 2016 = 0.88)
11.	Constantin, D. E., Merlaud, A., Voiculescu, M., Van Roozendael, M., Arseni, M., Rosu, A., & Georgescu, L.	NO <sub>2</sub> and SO <sub>2</sub> observations in southeast Europe using mobile DOAS observations	Carpathian Journal of Earth and Environmental Sciences, 12(2), 323-328., ISSN: 1842-4090 (IF 2016 = 0.88)
12.	Vasilescu, Vlad Gabriel; Vasilescu, Elisabeta; Dima, Dumitru; et al.	Contributions on Setting the Optimal Regime of Antibacterial Deposition on the Surface of the Oral Implant of Ti10Zr Bio-alloy	REVISTA DE CHIMIE Volume: 68 Issue: 1 Pages: 55-59 Published: JAN 2017
13.	P. Vaideanu, M. Dima and M. Voiculescu ,	Atlantic Multidecadal Oscillation footprint on global high cloud cover,	<i>Theor Appl Climatol.</i> , pp 1-12, <a href="https://doi.org/10.1007/s00704-017-2330-3">https://doi.org/10.1007/s00704-017-2330-3</a> , 2017
14.	L. Sfîca, I. Iordache, M. Voiculescu	Solar signal on regional scale:A study of possible Solar impact upon Romania's Climate,	<i>J. Atm. Sol.-Terr. Phys.</i> , 2017
15.	D. E. Constantin, A. Merlaud, M. Voiculescu, C.Dragomir, L.P. Georgescu , F. Hendrick, G. Pinardi , M. Van Roozendael, ,	Mobile DOAS observations of tropospheric NO <sub>2</sub> using an UltraLight Trike and flux calculation	<i>Atmosphere</i> , 8, 78; doi:10.3390/atmos8040078, 2017

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16.	S. Paraschiv, D. E. Constantin, S. – L. Paraschiv, and M. Voiculescu,	OMI and Ground-Based In-Situ Tropospheric Nitrogen Dioxide Observations over Several Important European Cities during 2005–2014	<i>Int. J. Environ. Res. Public Health</i> , 14, 1415; doi:10.3390/ijerph14111415www.mdpi.com/journal/ijerph, 2017
17.	Alexis Merlaud, Frederik Tack, Daniel Constantin, Lucian <b>Georgescu</b> , Jeroen Maes, Caroline Fayt, Florin Mingireanu, Dirk Schuettemeyer, Andreas Carlos Meier, Anja Schönardt, Thomas Ruhtz, Livio Bellegante, Doina Nicolae, Mirjam Den Hoed, Marc Allaart, and Michel Van Roozendael;	The Small Whiskbroom Imager for atmospheric composition monitoring (SWING) and its operations from an Unmanned Aerial Vehicle (UAV) during the AROMAT campaign (2017)	<i>Atmos. Meas. Tech. Discuss.</i> , <a href="https://doi.org/10.5194/amt-2017-211">https://doi.org/10.5194/amt-2017-211</a> , (IF=3.089)
18.	Meier, A. C., Schönhardt, A., Bösch, T., Richter, A., Seyler, A., Ruhtz, T., Constantin, D.-E., Shaiganfar, R., Wagner, T., Merlaud, A., Van Roozendael, M., Belegante, L., Nicolae, D., Georgescu, L., and Burrows, J. P.:	High-resolution airborne imaging DOAS measurements of NO <sub>2</sub> above Bucharest during AROMAT (2017)	<i>Atmos. Meas. Tech.</i> , 10, 1831-1857, <a href="https://doi.org/10.5194/amt-10-1831-2017">https://doi.org/10.5194/amt-10-1831-2017</a> , (IF=3.089)
19.	V. Pintilie; A. Ene; Lucian P. Georgescu; D.I. Moraru;	Gross alpha, gross beta and 40K activities and daily effective dose due to natural radionuclides from food supplements (2017)	<i>Romanian Journal of Physics</i> 62 · May 2017 (IF = 1.398)
20.	Carac, A, Boscencu, R, Dediu, AV, Bungau, SG, Dinica, RM	Solvent Effects on the Spectral and Electrochemical Properties of Some Pyridinium Quaternary Compounds,	REVISTA DE CHIMIE, 68, 7, 1423-1428, 2017
21.	Apetrei, RM; Bahrim, GE ; Carac G	Spectroelectrochemical characteristics of Polypyrrole synthesized by different methods	BULGARIAN CHEMICAL COMMUNICATIONS Volume: 49, Pages: 74-83, Special Issue: C, Published: 2017

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22.	Lisa, Elena Lacramioara; Carac, Geta; Lupu, Irina Teodora; et al.	Chemical Interactions among Some Antimicrobial Solutions and Chelating Agents Used in Endodontics for Irrigation of Infected Root Canals	REVISTA DE CHIMIE Volume: 68 Issue: 7 Pages: 1490-1495 Published: JUL 2017
23.	Apetrei, Roxana Mihaela; Carac, Geta; Bahrim, Gabriela; et al.	Glucose biosensor based on whole cells of <i>Aspergillus niger</i> MIUG 34 coated with polypyrrole	JOURNAL OF BIOTECHNOLOGY Volume: 256 Supplement : S Pages: S55-S56 Published: AUG 30 2017
24.	Lisa, Elena Lacramioara; Carac, Geta; Barbu, Vasilica; et al.	The Synergistic Antioxidant Effect and Antimicrobial Efficacy of Propolis, Myrrh and Chlorhexidine as Beneficial Toothpaste Components	REVISTA DE CHIMIE Volume: 68 Issue: 9 Pages: 2060-2065 Published: SEP 2017
25.	Carac, Andreea; Boscencu, Rica; Carac, Geta; et al.	Spectral Study of Some Lanthanides Complexes with Quaternary Pyridinium Ligands	REVISTA DE CHIMIE Volume: 68 Issue: 10 Pages: 2265-2269 Published: OCT 2017
26.	Duinea, Madalina I.; Sandu, Ana M.; Petcu, Mihaela A.; et al.	Aqueous oxidation of iron monosulfide (FeS) in the presence of glycine	JOURNAL OF ELECTROANALYTICAL CHEMISTRY Volume: 804 Pages: 165-170 Published: NOV 1 2017
27.	I. M. Apetrei, C. Apetrei	Highly sensitive voltamperometric determination of pyritinol using carbon nanofiber/gold nanoparticle composite screen-printed carbon electrode	International Journal of Nanomedicine 2017: 12, 5177-5188. <a href="https://doi.org/10.2147/IJN.S138978">https://doi.org/10.2147/IJN.S138978</a>
28.	I. M. Apetrei, A. A. Bejinaru, M. Boev, C. Apetrei, O. Dumitriu Buzia	Determination of ibuprofen based on screen-printed electrodes modified with carbon nanofibers	Farmacia 2017, Vol. 65, 5, 790-795. <a href="http://www.revistafarmacia.ro/201705/issue52017art22.html">http://www.revistafarmacia.ro/201705/issue52017art22.html</a>
29.	J. Lozano, C. Apetrei, M. Ghasemi-Varnamkhasti, D. Matatagui, J. P. Santos	Sensors and Systems for Environmental Monitoring and Control	Journal of Sensors, Volume 2017, Article ID 6879748, 2 pages, <a href="https://doi.org/10.1155/2017/6879748">https://doi.org/10.1155/2017/6879748</a>

**Lucrări științifice/tehnice publicate în reviste indexate în baze de date internaționale (2017)**

<b>Nr. crt.</b>	<b>Titlu lucrare științifică</b>	<b>Nume, prenume autor(i) lucrare</b>	<b>Revistă indexată BDI</b>
1.	Arseni, M., Roșu, A., Nicolae A. F. Georgescu L. P. & Constantin, D. E.,	Comparison of models and volumetric determination for Catusa lake, Galati	Tehnomus Journal New Tecchnologies and Products in Machine Manufacturing Technologies
2.	Roșu, A., Roșu, B., Arseni, M., Constantin, D. E., Voiculescu, M., Georgescu, L. P., Van Roozendael, M.	Tropospheric nitrogen dioxide measurements in south-east of Romania using zenith-sky mobile DOAS observations.	Tehnomus Journal New Tecchnologies and Products in Machine Manufacturing Technologies
3.	George Ioan Notarescu, Violeta Teodor Panait, Daniela Grama, Gabriel Murariu,	MATHEMATICAL MODELING OF THE BIOGAS USING PROCESS PRODUCED IN LEACHATE POWERPLANT FROM THE GALATI - TIRIGHINA WASTE DEPOSITS,	ANNALS OF "DUNAREA DE JOS" UNIVERSITY OF GALATI MATHEMATICS, PHYSICS, THEORETICAL MECHANICS, FASCICLE II, YEAR IX (XL) 2017, No. 1, 113-122
4.	S. Condurache-Bota, G. Condurache-Bota, I. Florea,	The evolution of the surface ultraviolet flux over Romania,	Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, year IX (XL), No. 2, 182-186, 2017.
5.	S. Condurache-Bota, G. Condurache-Bota, C. B. Murat	Monitoring air pollution in the most important Romanian cities	Annals of "Dunarea de Jos" University of Galati, Mathematics, Physics, Theoretical Mechanics, Fascicle II, year IX (XL), No. 2, 175-181, 2017