

INFORMAȚII PERSONALE

Gabriel MURARIU

Universitatea „Dunărea de Jos”, Facultatea de Științe și Mediu, Departamentul de Chimie, Fizică și Mediu, Str. Domnească nr.47, 800008, Galați

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LOCUL DE MUNCĂ

Profesor univ. dr. abilitat - Universitatea Dunarea de Jos Galati

EXPERIENȚA PROFESIONALĂ

Universitatea “Dunărea de Jos” din Galați, Facultatea de Științe și Mediu, Departamentul de Chimie, Fizică și Mediu, Strada Domneasca, nr. 111, Galati (România)

Activități de documentare, predare și îndrumare studenți, în cadrul disciplinelor Fizica, Fizica computațională, Modelarea sistemelor fizice, Modelarea sistemelor ecologice

01/10/2017–01/06/2021

Membu comisie CNADTCU - Comisia de Ingineria Mediului

01/10/2008–30/09/2010

Asistent manager - proiect POSDRU/6/1.5/S/15/6853

Universitatea Dunarea de Jos din Galați, Galati (Romania)

Organizarea, desfasurarea și monitorizarea derularii proiectului POSDRU/6/1.5/S/15/6853 pentru indeplinirea indicatorilor

- organizarea, monitorizarea și evaluarea stagiilor de cercetare în universitățile de prestigiu din Occident pentru studenții doctoranzi – membrii ai grupului tinta în cadrul proiectului POSDRU/6/1.5/S/15/6853

- înregistrarea progreselor și evaluarea raportului cost calitate pentru fiecare etapa a proiectului POSDRU/6/1.5/S/15/6853

01/10/2009–30/09/2012

Asistent manager în cadrul proiectului POSDRU/88/1.5/S/61445 - EFICIENT

Universitatea “Dunărea de Jos” din Galați,, Galati (România)

Organizarea, desfasurarea și monitorizarea derularii proiectului POSDRU/88/1.5/S/61445 - EFICIENT pentru indeplinirea indicatorilor

- organizarea, monitorizarea și evaluarea stagiilor de cercetare în universitățile de prestigiu din Occident pentru studenții doctoranzi – membrii ai grupului tinta în cadrul proiectului POSDRU/88/1.5/S/61445 - EFICIENT

- înregistrarea progreselor și evaluarea raportului cost calitate pentru fiecare etapa a proiectului POSDRU/88/1.5/S/61445 - EFICIENT



- 01/10/2010–30/09/2013 **Asistent manager proiect POSDRU/107/1.5/S/76822**
 Universitatea “Dunărea de Jos” din Galați, Galati (România)
 Organizarea, desfasurarea si monitorizarea derularii proiectului POSDRU/107/1.5/S/76822 pentru indeplinirea indicatorilor
 - organizarea, monitorizarea si evaluarea stagiilor de cercetare in universitatile de prestigiu din Occident pentru studentii doctoranzi – membrii ai grupului tinta in cadrul proiectului POSDRU/107/1.5/S/76822
 - înregistrarea progreselor si evaluarea raportului cost calitate pentru fiecare etapa a proiectului POSDRU/107/1.5/S/76822
- 01/10/2012–15/02/2014 **Expert monitorizare grup tinta doctoranzi - proiect PERFORM/159/1.5/S/138963**
 Universitatea “Dunărea de Jos” din Galați, Galati (România)
 Organizarea, desfasurarea si monitorizarea derularii proiectului PERFORM/159/1.5/S/138963 pentru indeplinirea indicatorilor
 - organizarea, monitorizarea si evaluarea stagiilor de cercetare in universitatile de prestigiu din Occident pentru studentii doctoranzi – membrii ai grupului tinta in cadrul proiectului PERFORM/159/1.5/S/138963
 - înregistrarea progreselor si evaluarea raportului cost calitate pentru fiecare etapa a proiectului PERFORM/159/1.5/S/138963
- 01/10/2013–20/02/2015 **Expert monitorizare grup tinta - proiect PROGRES/144/6.3/S/129743**
 Universitatea “Dunărea de Jos” din Galați, Galati (România)
 monitorizarea grupului tinta a proiectului PROGRES/144/6.3/S/129743 pentru indeplinirea indicatorilor
 - înregistrarea progreselor si evaluarea raportului cost calitate pentru fiecare etapa a proiectului PROGRES/144/6.3/S/129743
- 21/01/2013–30/09/2015 **Contract cercetare nr 606-21.01.2013 Terți – “Modelarea si studiul numeric a unui sistem UAV de tip aripa zburatoare”**
- 24/06/2015–30/09/2017 **Contract cercetare nr 658/24.06.2015 Terți - - director proiect (2015) - „Identificarea și implementarea unor metode moderne de monitorizare a ecosistemelor forestiere pentru evaluarea nivelului de sănătate”**
- 13/02/2013–30/09/2015 **Contract nr 138-13.02.2013 – “Studiu referitor la interacțiunea electronilor cu grafena in procesul de litografiere cu fascicul de electroni”**
- 02/11/2017–Prezent **Responsabil partener proiect - Cercetări în sprijinul modernizării sistemului național de monitorizare a ecosistemelor silvice prin utilizarea tehnicilor de teledetecție și a sistemelor de tip UAV, finanțat prin contractul nr. 6PS/02.11.2017.**
- 03/11/2017–Prezent **Responsabil partener - : Cercetări în sprijinul dezvoltării capacității de evaluare și atenuare a impactului schimbărilor climatice și a altor factori de stres asupra stării ecosistemelor forestiere și a culturilor viticole, finanțat prin contractul nr. 3PS/02.11.2017**



03/11/2017–Prezent Responsabil partener proiect - Cercetări în sprijinul dezvoltării capacității de monitorizare, evaluare și valorificare a resurselor naturale oferite de zonele umede de importanță internațională din România și zona costieră a Mării Negre - finanțat prin contract 4PS/03/11/2017

EDUCAȚIE ȘI FORMARE

01/10/2012–30/09/2014 Diploma de master - Monitorizarea și managementul mediului Nivelul 6 CEC
 Universitatea "Dunărea de Jos" din Galați, Galati (România)

01/10/2005–30/09/2007 diploma master - Sisteme informatice de conducere avansată Nivelul 6 CEC
 Universitatea "Dunărea de Jos" din Galați, Galati (România)

01/10/2000–30/09/2006 Diploma Doctor in Fizica Nivelul 7 CEC
 Universitatea Al. I. Cuza - Iasi, Iasi (România)

21/01/2017–Prezent Conducator de doctorat - Domeniul Ingineria Mediului
 Universitatea "Vasile Alecsandri", Bacau (România)

COMPETENȚE PERSONALE

Limba(i) maternă(e) română

Alte limbi străine cunoscute

	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
engleză	C1	C1	B2	B2	B2
franceză	A2	A2	A2	A2	A2
rusă	A2	A2	A2	A2	B1
germană	A2	A2	A2	A1	A1

Niveluri: A1 și A2: Utilizator elementar - B1 și B2: Utilizator independent - C1 și C2: Utilizator experimentat
 Cadrul european comun de referință pentru limbi străine

Competențe de comunicare bune competențe de comunicare dobândite prin experiența proprie de cadru didactic și formator; perseverență, munca în echipă, fire dinamică, spirit de inițiativă, spirit de echipă, capacitate de sinteză

Competențe organizaționale/manageriale

bune competențe manageriale dobândite prin experiența proprie de cadru didactic și formator;
 Membru organizator și membru în comitetul științific al The 3rd NATIONAL CONFERENCE on APPLIED PHYSICS June 15-16th, 2007, GALATI, ROMANIA (<http://www.phys.uqal.ro/Conferinta2007/SCIENTIFIC%20COMMITTEE.Htm>)
 Membru organizator și membru în comitetul științific al The 4th Edition - Jubilee Edition: 60 years of Higher Education in Galati - September 25 –26th, 2008 GALATI, ROMANIA (<http://www.phys.uqal.ro/Conference2008/default.htm>)



Membru organizator si membru in comitetul stiintific al The INTERNATIONAL symposium ON APPLIED PHYSICS Materials Science, Environment and Health 1st Edition, November 28– 29th, 2009 GALATI, ROMANIA (<http://www.phys.ugal.ro/Conference2009/>)

Membru in colectivul de organizare al UGALinvent - editia 2014 (<http://www.invent.ugal.ro/2014Invent/organisingComite.html>)

Membru in colectivul de organizare al UGALinvent - editia 2017 (<http://www.invent.ugal.ro/ROorganisingComite2017.html>)

Membru in colectivul de organizare al Conferința Științifică a Școlilor Doctorale la Galați - ediția 2018 (<http://www.cssd-udjg.ugal.ro/index.php/committees-2018>)

Organizator al The PhD Student Symposium 7th December 2011 "Dunărea de Jos" University of Galați (Proiect POSDRU POSDRU/88/1.5/S/61445) (<http://www.posdru.ugal.ro/eficient/documente/EFICIENT-final-program%20conferinta-CPX.pdf>)

Organizator al The PhD Student Symposium 7th December 2011 "Dunarea de Jos" University of Galati (Proiect POSDRU POSDRU/88/1.5/S/61445) (<http://www.posdru.ugal.ro/eficient/simpozion2011.php>)

Organizator al The Second PhD Student Symposium 13th-14th December 2012, "Dunarea de Jos" University of Galati (POSDRU/107/1.5/S/76822) (<http://posdru.ugal.ro/topacademic/simpozion2012.php>)

Membru in comitetul de organizare al THE PERFORM PROJECT'S DOCTORAL & POST-DOCTORAL TARGET GRUP WORKSHOP 16th–17th DECEMBER 2014 "DUNAREA DE JOS" UNIVERSITY OF GALATI (proiect POSDRU/1 59/1.5/S/138963) (http://www.perform.ugal.ro/images/AtasamenteAnunturi/Program_final_WORKSHOP_16-17dec_PERFORM.pdf)

Membru in comitetul de editare a volumelor din Seria Analele Universității Dunărea de Jos - Fascicula II (http://www.phys.ugal.ro/Annals_Fascicle_2/Board/EDITORIAL%20BOARD%20ANNALS_GALATI_FASC_II.htm)

Editor al volumelor Seria Analele Universității Dunărea de Jos - Fascicula II, edițiile 2016 (http://www.phys.ugal.ro/Annals_Fascicle_2/Year2016/SummaryII.htm) 2017 (http://www.phys.ugal.ro/Annals_Fascicle_2/Year2017/SummaryAnnals2017V1.htm) si 2018 (in press)

Membru in comitetul de organizare a conferintei de lansare a proiectului „Susținerea egalității de șanse și promovarea profesională a femeilor” – PROGRES - Cod Proiect: POSDRU/144/6.3/S/129743 (<http://www.posdru.ugal.ro/progres/evenimente.php>)

Membru in comitetul de organizare a conferintei de inchidere a proiectului „Susținerea egalității de șanse și promovarea profesională a femeilor” – PROGRES - Cod Proiect: POSDRU/144/6.3/S/129743 (<http://www.posdru.ugal.ro/progres/evenimente.php>)

Competențe dobândite la locul de muncă

bune cunostinte de structurare, prezentare si tranfer de cunostinte in domeniul stiintific

Competențele digitale

AUTOEVALUARE

Procesare a informației	Comunicare	Creare de conținut	Securitate	Rezolvare a de probleme
Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	

Competențele digitale - Grilă de auto-evaluare

Data: 03.03.2022

03/09/2020

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MURARIU GABRIEL

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LISTA LUCRARILOR ELABORATE ȘI/SAU PUBLICATE - SELECTIE A LISTA DE LUCRĂRI IN JURNALE INDEXATE ISI

1. Dariescu MA; Dariescu C; **Murariu G**, Gravitoelectromagnetically induced transitions in charged boson nebulae, EUROPHYSICS LETTERS Volume: 74 Issue: 6 Pages: 978-984 DOI: 10.1209/epl/2006-10063-3 Published: JUN 2006 [Impact Factor FI (2006) = 2,229] (<http://iopscience.iop.org/article/10.1209/epl/2006-10063-3>)
2. Dariescu MA; Dariescu C; **Murariu G**, Topological quantum dynamics of charged bosons, CHAOS SOLITONS & FRACTALS Volume: 28 Issue: 1 Pages: 1-7 DOI: 10.1016/j.chaos.2005.05.024 Published: APR 2006, [Impact Factor FI (2006) = 3,042] (<http://www.sciencedirect.com/science/article/pii/S0960077905005199>)
3. Dariescu Ciprian; Dariescu Marina-Aura; **Murariu Gabriel**, TE modes in Einstein's Universe, CHAOS SOLITONS & FRACTALS Volume: 34 Issue: 4 Pages: 1030-1036 DOI: 10.1016/j.chaos.2006.04.070 Published: NOV 2007 [Impact Factor FI (2007) = 3,025] (<http://www.sciencedirect.com/science/article/pii/S0960077906004255>)
4. **Murariu, G**, Dariescu, AM, Dariescu, C, Software approaching of quantized planary dynamics of charged bosons, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 12 Issue: 4 Pages: 927-932 Published: APR 2010 [Impact Factor FI (2010) = 0,33626] (<http://oam.inoe.ro/download.php?du=2437>)
5. Puscasu, G ; Codres, B Stancu, A **Murariu, G**, Nonlinear system identification based on internal recurrent neural networks, INTERNATIONAL JOURNAL OF NEURAL SYSTEMS Volume: 19 Issue: 2 Pages: 115-125 Published: APR 2009 [Impact Factor FI (2010) = 2,988] (<http://www.worldscientific.com/doi/abs/10.1142/S0129065709001884>) (<https://www.researchgate.net/publication/51540639> Nonlinear system identification and control based on modular neural networks)
6. **Gabriel Murariu**, Simona Condurache-Bota, Nicolae Tigau, *Polynomial fitting approach for the Kramers–Kronig method for optical properties computing for Bi₂O₃ fabric*, International Journal of Modern Physics B Vol. 26, No. 07 [Impact Factor FI (2011) = 0,37553] (<http://www.worldscientific.com/doi/abs/10.1142/S021797921250049X>)
7. **Gabriel Murariu**, Simona Condurache-Bota, *Temperature dependence of the optical properties of Bi₂O₃: A theoretical approach basing on the Kramers-Kronig transformation for polynomial mixed terms models*, Central European Journal of Physics (24 October 2012), pp. 1-8, doi:10.2478/s11534-012-0124-x [Impact Factor FI (2011) = 0,909] (<http://link.springer.com/article/10.2478/s11534-012-0124-x>)
8. C. Iticescu, L. P. Georgescu, **G. Murariu**, *Potential Effects of pH Variation Depending on the Temperature in the Drinking Water Supply System* p. 1324, Vol.13, The Journal of Environmental Protection and Ecology (JEPE) 2012, [Impact Factor FI (2011) = 0,102] (<http://www.iepe-journal.info/journal-content/vol13-no-3>)
9. **G. Murariu**, L. Georgescu, C. Iticescu, M. Dobre, V. Gogoncea, *Specific Diffusion Using the Monte Carlo Simulation*, 2007, Vol.13, No 3A, The Journal of Environmental Protection and Ecology (JEPE) 2012, [Impact Factor FI (2011) = 0,102] (<http://www.iepe-journal.info/journal-content/vol13-no-3a>)
10. **Gabriel Murariu**, Catalina Iticescu, Lucian Georgescu, Ionut Mocanu, Catalina Topa, Michaela Dobre, THE OPTIMIZATION OF URBAN SELECTIVE WASTE COLLECTION ACTIVITY: GALATI CITY CASE STUDY, Environmental Engineering and Management Journal, October 2015, Vol.14, No. 10, 2471-2492, [Impact Factor FI (2015) = 1,008] (http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol14/no10/24_44_Murariu_13.pdf)
11. C. Iticescu, L. P. Georgescu, G. Gurau, M. Murescu, D. Dima, **G. Murariu**, C. Gheorghies, METHODS TO REDUCE ENVIRONMENTAL IMPACT OF MUNICIPAL WASTE WATER SEWAGE SLUDGE, Environmental Engineering and Management Journal, vol. 14, no. 10, p. 2457 – 2463, [Impact Factor FI (2015) = 1,008] (http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol14/no10/22_784_Iticescu_14.pdf)
12. **Murariu, G**, Dinescu, A., Murariu, A. G., Condurache-Bota, S., COMPARATIVE DISCUSSION ON GLOBAL MODELS FOR OPTICAL PROPERTIES OF Bi₂O₃, ROMANIAN JOURNAL OF PHYSICS, Volume: 61, Issue: 3-4, Pages: 626-637, Published: 2016 [Impact Factor FI (2016) = 1.398] (http://www.nipne.ro/rip/2016_61_3-4.html)
13. Timofii, M., Popa, P., **Murariu, G.**, Georgescu, L., Iticescu, C., Barbu, M., COMPLEMENTARY APPROACH FOR NUMERICAL MODELLING OF PHYSICO-CHEMICAL PARAMETERS OF THE PRUT RIVER AQUATIC SYSTEM, JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, Volume: 17, Issue: 1, Pages: 53-63, Published: 2016 [Impact Factor FI (2016) = 0.838] (<http://www.iepe-journal.info/journal-content/vol-17-no-1>)
14. Iticescu, C., Georgescu, LP., Topa, C., **Murariu, G.**, MONITORING THE DANUBE WATER QUALITY NEAR THE GALATI CITY, JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, Volume: 15, Issue: 1, Pages: 30-38, Published: 2014, [Impact Factor FI (2014) = 0.838] (<http://www.iepe-journal.info/vol15-no-1-2014>)
15. Mingireanu, F; Georgescu, L; **Murariu, G.**; Mocanu, I, TRAJECTORY MODELING OF GRAD ROCKET WITH LOW-COST TERMINAL GUIDANCE UPGRADE COUPLED TO RANGE INCREASE THROUGH STEP-LIKE THRUST-CURVES, ROMANIAN JOURNAL OF PHYSICS, Volume: 59, Issue: 3-4, Pages: 369-381, Published: 2014 [Impact Factor FI (2014) = 0.924] (http://www.nipne.ro/rip/2014_59_3-4.html) (http://www.nipne.ro/rip/2014_59_3-4/0369_0381.pdf)
16. **Murariu, G.**; Puscasu, Gh. ., SOLUTIONS FOR MAXWELL-EQUATIONS' SYSTEM IN A STATIC CONFORMAL SPACE-TIME, Conference: 4th National Conference on Applied Physics Location: Galati, ROMANIA Date: SEP 25-26, 2008, ROMANIAN JOURNAL OF PHYSICS Volume: 55 Issue: 1-2 Pages: 47-52 Published: 2010 [Impact Factor FI (2010) = 0.924] (http://www.nipne.ro/rip/2010_55_1-2/0047_0053.pdf)
17. Moraru, Luminita; Ene, Antoaneta; **Murariu, Gabriel**, High-accuracy structure identification of the aluminium eutectic alloys using the colour metallography, ROMANIAN REPORTS IN PHYSICS Volume: 61 Issue: 4 Pages: 700-708 Published: 2009 [Impact Factor FI (2009) = 0,0912] (http://www.rp.infim.ro/2009_61_4.html)
18. **Murariu, G.**; Ene, Antoaneta, DISCUSSIONS ON A NON-LINEAR FIELDS' EQUATIONS SYSTEM, Conference: 3rd National Conference on Applied Physics Location: Galati, ROMANIA Date: JUN 09-10, 2007, ROMANIAN JOURNAL OF PHYSICS Volume: 53 Issue: 5-6 Pages: 651-657 Published: 2008 [Impact Factor FI (2008) = 0.00] (http://www.nipne.ro/rip/2008_53_5-6.html)
19. Paula Popa, **Gabriel Murariu**, Mihaela Timofii, Lucian Puiu Georgescu, Multivariate statistical analyses of water quality of Danube River at Galati, Romania, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL Volume: 17 Issue: 5 Pages: 1249-1266 Published: MAY 2018, (<http://omicron.ch.tuiasi.ro/EEMJ/accepted.htm>), [Impact Factor FI (2015) = 1,008]
20. **Murariu, G.**; MAPLE Routines for Discrete Symmetry Transformations' Study on Curved Manifolds, Conference: 3rd National Conference on Applied Physics Location: Galati, ROMANIA Date: JUN 09-10, 2007, ROMANIAN JOURNAL OF PHYSICS Volume: 53 Issue: 5-6 Pages: 645-650 Published: 2008 [Impact Factor FI (2008) = 0.00] (http://www.nipne.ro/rip/2008_53_5-6.html)
21. Chesaru, Bianca I; Dobre, Michaela; **Murariu, Gabriel**; et al., Risk for metabolic syndrome in a group of overweight children from South-East Romania, REVISTA ROMANA DE MEDICINA DE LABORATOR Volume: 21 Issue: 1 Pages: 83-92 Published: MAR 2013, [Impact Factor FI (2012) = 0.097] (http://rml.ro/articole/list_autor.php?q=Bianca%20I.Chesaru)
22. **Murariu, Gabriel**; Hahue, Valentin; Murariu, Adrian; et al. FOREST MONITORING METHOD USING COMBINATIONS OF SATELLITE AND UAV AERIAL IMAGES. CASE STUDY BALABANESTI FOREST, INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE Volume: 8 Issue: 4 Pages: 703-714 Published: OCT-DEC 2017, **Accession Number:** WOS:000419283600015



23. **Murariu, Gabriel**; Hahue, Valentin; Murariu, Adrian Gabriel; et al., GROWTH RATE MODELING FOR WHITE POPLAR IN THE SOUTH EASTERN PART OF ROMANIA: AN IMPORTANT ISSUE OF FOREST CONSERVATION, INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE Volume: 8 Issue: 2 Pages: 303-316 Published: APR-JUN 2017, Accession Number: WOS:000406555000015
24. Buciumeanu, Elena-Cocuta; **Murariu, Gabriel**; Dinca, Lucian; et al., The influence of climatic factors on the main phenological phases of grapevines from Stefanesti Viticultural Center, Romania , ROMANIAN BIOTECHNOLOGICAL LETTERS Volume: 24 Issue: 6 Pages: 1055-1060 Published: NOV-DEC 2019, DOI: 10.25083/rlb/24.6/1055.1060
25. Rosu, A ; Rosu, B; Constantin, DE; Arseni, M; Voiculescu, M; Georgescu, LP; **Murariu, G**; Popa, I , OVERVIEW OF TROPOSPHERIC NO2 USING THE OZONE MONITORING OBSERVATIONS INSTRUMENT AND HUMAN PERCEPTION ABOUT AIR QUALITY FOR THE MOST POLLUTING COUNTRIES ACCROSS THE WORLD, CARPATHIAN JOURNAL OF EARTH AND ENVIRONMENTAL SCIENCES Volume: 14 Issue: 2 Pages: 423-430 Published: AUG 2019, DOI: 10.26471/cjees/2019/014/091
26. Iticescu, C ; Georgescu, LP ; **Murariu, G** ; Topa, C ; Timofiti, M ; Pintilie, ; Arseni, M , Lower Danube Water Quality Quantified through WQI and Multivariate Analysis, WATER Volume: 11 Issue: 6 Published: JUN 2019, DOI: 10.3390/w11061305
27. **Murariu, G**; Iticescu, C; Murariu, A; Rosu, B; Munteanu, D; Buruiana, DL, Assessment of Water Quality State Dynamics Using Adaptive Filtering Methods and Neural Networks Approaching Case study - Danube River in Galati area REVISTA DE CHIMIE Volume: 70 Issue: 6 Pages: 1914-1919 Published: JUN 2019, Accession Number: WOS:000475860100006
28. **Murariu, G**; Timofiti, M; Savinuta, I; Murariu, A; Iticescu, C; Georgescu, L; Tudor, M; Mocanu, GD , Seasonal Statistical Analysis on the Quality of Underwater Supplies in South-Eastern Romania, REVISTA DE CHIMIE Volume: 70 Issue: 3 Pages: 820-827 Published: MAR 2019, Accession Number: WOS:000464911600016
29. Drasovean, Romana; **Murariu, Gabriel**; Constantinescu, Gigi; et al. Assessment of Surface Water Quality of Danube River in Terms of Usual Parameters and Correlation Analyses, REVISTA DE CHIMIE Volume: 70 Issue: 2 Pages: 398-406 Published: FEB 2019, Accession Number: WOS:000461982200009
30. Lupoaie, P; Tupu, E; Onea, N; **Murariu, G**; Georgescu, L; Tudor, M; Iticescu, C; Lupoaie, M , AN INTEGRATED APPROACH CONCERNING FLORISTIC, PHYTOCOENOLOGICAL AND ORNITHOLOGICAL DIVERSITY ON SOMOVA-PARCHES LACUSTRINE COMPLEX: ASPECTS OF THEIR CONSERVATION , INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE Volume: 10 Issue: 1 Pages: 149-164 Published: JAN-MAR 2019, Accession Number: WOS:000462542400014
31. Dinca, Lucian; **Murariu, Gabriel**; Iticescu, Catalina; et al., NORWAY SPRUCE (PICEA ABIES (L.) Karst.) SMART FORESTS FROM THE SOUTHERN CARPATHIANS, INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE Volume: 10 Issue: 4 Pages: 781-790 Published: OCT-DEC 2019, Accession Number: WOS:000506680400016
32. Romica Cretu, Adrian Circiumaru, Gabriel Murariu, Effect of liquid detergents on the biochemical parameters of some plantlets, MATERIALE PLASTICE 55, No. 4 – 2018, Accession Number: WOS:000454987400024
33. Gabriel Murariu, Razvan Adrian Mahu, Adrian Gabriel Murariu, Mihai Daniel Dragu, Lucian P. Georgescu, Bogdan G. Carp, Using ANSYS for design and numerical study of a specific fixed wing UAV, MATERIALE PLASTICE, 55, No. 4 – 2018, Accession Number: WOS:000454987400042
34. L. Dinca, O. Badea, G. Guiman, C. Braga, V. Crisan, V. Greavu, G. Murariu, L. Georgescu, Monitoring of soil moisture in Long-Term Ecological Research (LTER) sites of Romanian Carpathians, Annals of Forest Research. 2018, Accession Number: WOS:000456193900005

B. TEZA DE DOCTORAT / PhD Thesis

Probleme de cuantificare a campurilor fizice pe spatii curbe

Quantifying fields problems on curved space-times

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