Curriculum vitae Europass

Informaţii personale

Nume / Prenume	PANAINTE – LEHĂDUȘ MIRELA
Adresă(e)	CALEA MĂRĂȘEȘTI, NR 157, 600115, BACĂU
Telefon(oane)	
E-mail(uri)	mirelap@ub.ro
Naţionalitate(-tăţi)	română
Data naşterii	21.01.1977
Sex	feminin

Experienţă profesională

Funcţia sau postul ocupat	2020 – prezent, Decan, Facultatea de Inginerie, Universitatea “Vasile Alecsandri” din Bacău
	2016 – 2020, Prodecan, Facultatea de Inginerie, Universitatea “Vasile Alecsandri” din Bacău
	2009 – 2016, director Departamentul de Management, Universitatea “Vasile Alecsandri” din Bacău
	2025 – profesor, Departamentul Inginerie Mediului, Inginerie Mecanică și Agroturism, Facultatea de Inginerie, Universitatea “Vasile Alecsandri” din Bacău
	2014 – 2025, conferențiar, Departamentul Inginerie Mediului și Inginerie Mecanică, Facultatea de Inginerie, Universitatea “Vasile Alecsandri” din Bacău
	2007 – 2014, Șef lucrări, Departamentul Ingineria Mediului şi Inginerie Mecanică, Facultatea de Inginerie, Universitatea “Vasile Alecsandri” din Bacău
	2003 – 2007, asistent universitar, Catedra Utilaje de Proces, Ingineria Mediului, Facultatea de Inginerie, Universitatea “Vasile Alecsandri” din Bacău
	2000 – 2003, preparator universitar, Catedra Utilaje de Proces, Ingineria Mediului, Facultatea de Inginerie, Universitatea “Vasile Alecsandri” din Bacău
Activităţi şi responsabilităţi principale	Titular discipline: Ingineria și protecția mediului în industrie, Studiul impactului ecologic, Monitorizarea mediului, Auditul sistemelor de management de mediu, Sisteme modern de monitorizare a mediului, Calitatea și securitatea mediului.

Educaţie şi formare

Perioada	2000 - 2008
Calificarea / diploma obţinută	Doctor în Inginerie mecanică
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea Tehnică “Gh. Asachi” din Iași
Perioada	2000 - 2002
Calificarea / diploma obţinută	Studii Postuniversitare de masterat, Specializarea Managementul Producţiei Industriale, modul Managementul protecției mediului în industrie
	-
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea din Bacău, Facultatea de Inginerie,
Perioada	1995 - 2000
Calificarea / diploma obţinută	Inginer mecanic, specializarea Utilaj tehnologic pentru industria alimentară
	-
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea din Bacău, Facultatea de Inginerie,

Limba(i) maternă(e)	**Română**

Limba(i) străină(e) cunoscută(e)

Engleza

Autoevaluare	Înţelegere				Vorbire				Scriere	
Nivel european (*)	Ascultare		Citire		Participare la conversaţie		Discurs oral		Exprimare scrisă	
Limba engleză	B2	Utilizator experimentat	B2	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent
Limba italiană	B2	Utilizator experimentat	B2	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent

(*) Nivelul Cadrului European Comun de Referinţă Pentru Limbi Străine

Competenţe şi abilităţi sociale

- adaptabilitate la cerinţele mediului de lucru
- abilitate pentru lucrul în echipă
- inventivitate
- președinte “Asociația Română de mediu”, centru regional Moldova,
- membru “Asociația Română de Mecanica Ruperii”

Competenţe şi aptitudini organizatorice

- competenţe şi aptitudini organizatorice în activitatea de cercetare
- competențe și aptitudini manageriale

Permis(e) de conducere

B

Informaţii suplimentare

Specializări și stagii în străinătate

Auditor pentru sistemele de management: calitate, mediu, sănătate și securitate ocupațională, siguranței alimentelor, Sistemul de management al responsabilității sociale, Sistemul de management al securității informației
- Evaluator nivel de risc siguranță și securitate ocupațională

1. Stagiu de formare – STT, INSA Strasbourg, France, iunie 2023, iunie 2025
2. Stagiu de formare – STT, University Anghel Kunchev, Ruse, Bulgaria, iunie 2024.
3. Stagiu formare, Universitatea din Østfold, Norvegia, mai 2023,februarie 2025.
4. Stagiu de predare - monitorizare, University of Lisboa, Portugalia, mai 2019, iunie 2018, program Erasmus
5. Stagiu de predare - monitorizare, University of Limoges, Franţa, mai 2015, program Socrates Erasmus
6. Stagiu de predare - monitorizare, University of Limoges, Franţa, mai 2014, program Socrates Erasmus
7. 2.Stagiu de predare - monitorizare, University of Limoges, Franţa, aprilie 2013, program Socrates Erasmus
8. Stagiu de predare - monitorizare, University of Limoges, Franţa, aprilie 2012, program Socrates Erasmus
9. RELWA IP - Renewable energies for living and working areas, aprilie 2011-mai 2011, Intensive Program, IUT in Saint-Denis, Université Paris 13, France
10. Stagiu de predare - monitorizare, University of Limoges, Franţa, mai 2011, program Socrates Erasmus
11. Stagiu de predare - monitorizare, University Anghel Kunchev, Ruse, Bulgaria, aprilie 2011, program Socrates Erasmus
12. Stagiu de predare - monitorizare, University of Limoges, Franţa, mai 2010, program Socrates Erasmus
13. iunie 2009 - International Workshop on Concepts in Environmental Science and Engineering,,"Gheorghe Asachi" Technical University of Iasi, Romania, Michigan State University, Institute of international health and fogartz international center program an environmental healt, training and research in environmental health in the Balkans
14. Intensive Program "The Future of Energy in Europe", Hanzehogeschool Groningen, Olanda - octombrie 2008 – noiembrie 2008
15. Stagiu de predare şi monitorizare, Universida di Zaragoza, Spania mai 2008, program Socrates Erasmus
16. Stagiu de predare, Instituto Tecnico Superior, Lisabona, Portugalia, mai 2007, program Socrates Erasmus
17. Stagiu de predare, Universida di Valladolid, Spania aprilie 2007, program Socrates Erasmus
18. Stagiu de predare, Universida di Zaragoza, Spania aprilie 2006, program Socrates Erasmus
19. Stagiu de predare, Universita degli Study di Parma, Italia, mai 2006, program Socrates – Erasmus

Stagiu de pregătire doctorală, Universita degli Study di Parma, Italia, martie –mai 2004

Realizări specifice

- peste 60 articole cotate ISI , publicate şi în curs de publicare
- peste 30 de lucrări ştiinţifice publicate în ţară la diverse manifestări ştiinţifice
- peste 20 de lucrări ştiinţifice publicate în stăinătate la diverse manifestări ştiinţifice
- 14 cărţi- capitole din cărţi publicate în edituri recunoscute CNCSIS
- contracte de cercetare CNCSIS (2, din care 1 în calitate de director de proiect), CEEX (3), Phare-Socrates (1), cu autorităţile locale (2), cu societăţile comerciale (40 - din care 14 în calitate de dorector de proiect, POSDRU (2), LIFE + (1), HORIZON (coordonator partener)

Prof. univ. dr. ing. habil. Mirela PANAINTE-LEHĂDUȘ 26.01.2026

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LISTA LUCRĂRILOR PUBLICATE

prof. univ. dr. ing. habil. Mirela PANAINTE-LEHĂDUȘ

I. Cărți și capitole din cărți

1. Nedeff Valentin (coord.), Chițimuș Dana, Luminița Bibire, Panainte-Lehăduș Mirela, Tomozei Claudia, Nedeff Florin, Paul – Claudiu Cotârleț, Ergonomie, Alma Mater, 2021, ISBN 978-606-527-590-4
2. Nedeff Valentin (coord.), Bârsan Narcis, Chițimuș Dana, Irimia Oana, Moșneguțu Emilian, Panainte-Lehăduș Mirela, Tomozei Claudia, Nedeff Florin, Proceduri de lucru pentru analiza calităţii apelor şi a altor compuşi lichizi, Alma Mater, 2018, ISBN 978-606-527-589-8, 2018
3. Nedeff Valentin (coord.), Tomozei Claudia, Panainte-Lehăduș Mirela, Irimia Oana, Bârsan Narcis, Nedeff Florin, Chițimuș Dana, Moșneguțu Emilian, Proceduri de lucru pentru analiza calității aerului și a altor compuși gazoși, Alma Mater, 2018, ISBN 978-606-527-593-5, 2018
4. Nedeff Valentin (coord.), Chițimuș Dana, Moșneguțu Emilian, Panainte-Lehăduș Mirela, Tomozei Claudia, Irimia Oana,Bârsan Narcis, Nedeff Florin, Proceduri de lucru pentru analiza solului și a altor materiale, vol 1, Alma Mater, 2017, ISBN 978-606-527-582-9, vol 1, 2017
5. Nedeff Valentin (coord.), Chițimuș Dana, Moșneguțu Emilian, Panainte-Lehăduș Mirela, Tomozei Claudia, Irimia Oana,Bârsan Narcis, Nedeff Florin, Proceduri de lucru pentru analiza solului și a altor materiale, vol 2, Alma Mater, 2017, ISBN 978-606-527-581-2, vol 2, 2017
6. Oana Țârțoacă Irimia, **Mirela Panainte**, Gabriel Lazăr, Valentin Nedeff (coordonator), Potabilizarea apelor. Procedee și tehnici de filtrare, Ed. Alma Mater Bacău, 2014
7. Claudia Tomozei, **Mirela Panainte**, Gabriel Lazăr, Valentin Nedeff (coordonator), Reducerea poluări fonice în mediul industrial, Ed. Alma Mater Bacău, 2014
8. **Mirela Panainte**, Valentin Nedeff, Bogdan Constantin Macarescu, Emilian Moşneguţu – Bazele ingineriei mediului, Colecţia Ştiinţe Inginereşti, Note de curs, Îndrumar de laborator, Ed. Alma Mater, ISBN 978-973-1833-01-9, Bacău, 2007; pg. 169
9. **Mirela Panainte**, Valentin Nedeff, Bogdan Constantin Macarescu, Emilian Moşneguţu – Studiul impactului ecologic, Colecţia Ştiinţe Inginereşti, Note de curs, Îndrumar de laborator, Ed. Alma Mater, ISBN 978-973-1833-02-6, Bacău, 2007; pg. 387
10. **Mirela Panainte**, Valentin Nedeff, Bogdan Constantin Macarescu, Emilian Moşneguţu – Auditul de mediu, Colecţia Ştiinţe Inginereşti, Note de curs, Caiet de seminar, Ed. Alma Mater, ISBN 978-973-1833-00-2, Bacău, 2007; pg. 272
11. Moşneguţu Emilian, **Panainte Mirela,** Savin Carmen, Măcărescu Bogdan şi Nedeff Valentin (coordonator) – Separarea amestecurilor de particule solide în curenţi de aer verticali, Ed. Alma Mater Bacău, Bacău, 2007, ISBN 978-973-1833-57-6; pag. .257
12. Savin Carmen, **Panainte Mirela,** Moşneguţu Emilian şi Nedeff Valentin (coordonator) – Amestecarea produselor agroalimentare, Ed. Tehnopress, Iaşi, 2006, ISBN (10) 973-702-397-8; ISBN (13) 987-973-702-397-1; 315 pagini
13. Bogdan Constantin Macarescu, Valentin Nedeff, **Mirela Panainte**, Emilian Moşneguţu – Legislaţie, reglementări şi standarde de protecţia mediului, vol. I, Ed. Performantica, ISBN 973-730-212-5, ISBN 973-730-213-3, Iaşi, 2006, 173 pagini
14. Bogdan Constantin Macarescu, Valentin Nedeff, **Mirela Panainte**, Emilian Moşneguţu – Legislaţie, reglementări şi standarde de protecţia mediului, vol. I, Ed. Performantica, ISBN 973-730-212-5, ISBN 973-730-214-1, Iaşi, 2006,. 207 pagini
15. **Panainte Mirela,** Moşneguţu Emilian, Savin Carmen, Nedeff Valentin (coordonator) – Mărunţirea produselor agroalimentare, Ed. Meronia ISBN 973-8200-88-1, Ed. Rovimed Publishers ISBN 973-7719-39-5, Bacău, 2005 – 274 pagini
16. Ciobanu D., Nedeff V., Ciobanu R., Popa S., **Panainte M.**, Savin C. – Surse şi factori de poluare chimici în diferite medii industriale. Depoluare prin valorificare, Editura Tehnica – Info, Chişinău, 2002, 327 pagini, responsabil capitolul VII – 31 pagini

II. Articole/studii în extenso, publicate în reviste din fluxul științific internațional principal

IV.1. Lucrări publicate în reviste cotate ISI

1. **Mirela Panainte**, Nedeff Valentin, Bogdan Macarescu, Emilian Mosnegutu, Claudia Tomozei – Studies and research on the environmental impact of noise created by a work station for producing concrete, Metalurgia International, 2009, no. 11, vol. XIV, pp. 73 – 76, ISSN 1582-2214, WOS:000270962400015
2. Nedeff, V., Mosnegutu, E., Panainte, M., Savin, C., Macarescu, B., Study of a solid particle behaviour in a vertical ascending airflow, Revista De Chimie, vol. 58, no. 12, 2007, pp. 1285-1290, WOS:000252496200025
3. Nedeff, V., Mosnegutu, E., Panainte, M., Savin, C., Macarescu, B., Researches concerning the aerodynamic sorting of solid particles according to the surface states, Revista De Chimie, vol. 59, no. 3, 2008, pp. 360-365, WOS:000255966000022
4. Zichil, Valentin; Panainte, Mirela; Nedeff, Valentine; Mosnegutu, Emilian; Savin, Carmen; Macarescu, Bogdan; Olaru, Ciprian, Considerations about a new method able to determine the breaking up energy at materials with variable texture, METALURGIA INTERNATIONAL, 2009, vol. 14, nr. 6, pag. 15-20, WOS:000265002600003
5. Panainte, Mirela; Valentin, Nedeff; Carol, Schnakovszky; Emilian, Mosnegutu, Theoretical study regarding the possibility to determination the grinding energy to products with variable texture, METALURGIA INTERNATIONAL, 2009, vol. 14, nr. 1, pag. 62-67, WOS:000263374100011
6. Macarescu, B., Nedeff, V., Capat, C., Panainte, M., Mosnegutu, E., Savin, C., Studies and research regarding efficiency improvement of the district heating system and heat supply in an urban aglomeration in Romania. Study case for the chp plant in BACAU, Metalurgia International, vol. 15, no. 10, 2010, pp. 96-102, WOS:000278729300020
7. Barsan, N., Nedeff, V., Mosnegutu, E.F., Panainte, M., Heat balance components of a small sequencing batch reactor applied for municipal wastewater treatment, Environmental Engineering and Management Journal, vol. 11, no. 12, 2012, pp. 2133-2140, 10.30638/eemj.2012.265, WOS:000314169000003
8. Chitimus, A.D., Nedeff, V., Mosnegutu, E.F., Panainte, M., In situ soil flushing - studies on remediation efficiency of polluted sandy soils with organic acids, Environmental Engineering and Management Journal, vol. 11, no. 12, 2012, pp. 2163-2168, 10.30638/eemj.2012.269, WOS:000314169000007
9. M. Vasilica, D. Capsa, I. Covaci, V. Nedeff, N. Barsan, M. Panainte, A case study on heavy Rainfall in the Central-Southern Moldavia Region, Romania, Environmental Engineering and Management Journal, 2012) 1, vol. 11, no. 12, 2151-2158 WOS:000314169000005
10. Valentin Nedeff, Emilian Moşneguţu, Mirela Panainte, Mihail Ristea, Gabriel Lazăr, Dan Scurtu, Bogdan Ciobanu, Adrian Timofte, Ştefan Toma, Maricel Agop, Dynamics in the boundary layer of a flat particle, Powder Technology, vol. 221, May 2012, pag. 312–317, 10.1016/j.powtec.2012.01.019, WOS:000303222300040
11. Turcu, M., Nedeff, V., Barsan, N., Mosnegutu, E.F., Panainte, M., Application of organic flocculants for the treatment of sludge from municipal wastewater treatment plants, Environmental Engineering and Management Journal, vol. 12, no. 1, 2013, pp. 163-166, 10.30638/eemj.2013.018, WOS:000317803300018
12. Stanila, M.I., Nedeff, V., Chitimus, D., Panainte, M., Mosnegutu, E.F., Optimization of a Mixed Cycle Gas Turbine Titan 130s Type Operating under Partial Loads, Environmental Engineering and Management Journal, vol. 12, no. 1, 2013, pp. 115-124., 10.30638/eemj.2013.014, WOS:000317803300014
13. Bontas, O., Nedeff, V., Mosnegutu, E.F., Panainte, M., Irimia, O.T., Behaviour of solid particles on a flat oscillating surface, Environmental Engineering and Management Journal, vol. 12, no. 1, 2013, pp. 17-22, 10.30638/eemj.2013.003, WOS:000317803300003
14. Irimia, O.T., Tomozei, C., Panainte, M., Mosnegutu, E.F., Barsan, N., Efficiency of filters with different filtering materials: comparative study in water treatment, Environmental Engineering and Management Journal, vol. 12, no. 1, 2013, pp. 35-39, 10.30638/eemj.2013.005, WOS:000317803300005
15. Doina Capsa, Mirela Panainte, Dana Chitimus, Marius Stanila, Daniel-Catalin Felegeanu, Accidental pollution with ammnonia. Influence of meteorological factors , Environmental Engineering and Management Journal, 2014, vol. 13, no. 7, pp. 1573-1580, WOS:000344577400004
16. Mirela Panainte, Iuliana Caraman, Valentin Nedeff, Vassilis Inglezakis, Christos Venetis, Philipos Coutsikos, Gabriel Lazar, Narcis Barsan - Green market: a comparative study in Romania, FRESENIUS ENVIRONMENTAL BULLETIN, 2014, vol. 23, no. 11, pp. 2870-2875 WOS:000349805500013
17. Radu, M. , Nedeff, V., Nicolescu, M.C., Danu, M., Panainte-Lehăduș, M., Stănilă, M., Schnakovszky, C - Study on the separation of purge gases from ammonia plant Environmental Engineering and Management Journal, 2016, 1582-9596, vol. 15, no. 3 pp. 573-578, WOS:000376876400011

18. Felegeanu, D.-C. , Paraschiv, G., Panainte-Lehăduş, M., Horubet, M., Belciu, M., Radu, M., Turcu, O.L. - A combined method for the analysis and assessment of risks and industrial safety, Environmental Engineering and Management Journal, 2016, 1582-9596, vol. 15, no. 3 pp. 573-578 WOS:000376876400009
19. Mirela Panainte, Marius Stănilă, Emilian Moşneguţu, Oana Irimia, Doina Capşa, Florin Nedeff, Claudia Tomozei, Ion Joița, Gabriela Telibașa - Monitoring emissions from large combustion plants, Environmental Engineering and Management Journal, 1582-9596 2014, vol. 13, nr. 7, pp. 1657-1663, WOS:000344577400013
20. Mirela Panainte, Vassilis Inglezakis, Iuliana Caraman, Mihai C Nicolescu, Emilian Mosneguțu, Florin Nedeff - The evolution of eco-labeled products in Romania Environmental Engineering and Management Journal, 1582-9596 Volume 13, Issue 7, 2014, Pages 1665-1671, 10.30638/eemj.2014.184, WOS:000344577400014
21. Antonina Temea, Claudio Comoglio, Serena Botta, Valentin Nedeff, Mirela Panainte-Lehăduş, Marcela Danu, Narcis Barsan - Developing a green register of eco-labeled products in Romania, Environmental Engineering and Management Journal, 2016, 1582-9596, Vol.15, No. 8, 1873-1878 WOS:000388119400022
22. Florina Fabian, Silvia Fiore, Giuseppe Genon, Deborah Panepinto, Valentin Nedeff1, Mirela Panainte, Preliminary evaluation of the environmental impact of water treatment process, Environmental Engineering and Management Journal, 2016, 1582-9596, Vol.15, No. 8, 1867-1872 WOS:000388119400021
23. Panainte-Lehăduş, M. , Nedeff, F., Petrovici, A., Telibaşa, G.,Felegeanu, D.-C., Schnakovszky, C. - Assessing the health and safety risks in the education sector, Environmental Engineering and Management Journal Environmental Engineering and Management Journal, 2016, 1582-9596, vol. 15, no. 3 pp. 563-572 WOS:000376876400010
24. Cochiorca, A., Nedeff, V., Bârsan, N., Moşneguţu, E.F., Panainte-Lehăduş, M., Tomozei, C., Analysis of water quality for two rivers located near a mining area, Scientific Study and Research: Chemistry and Chemical Engineering, Biotechnology, Food Industry, Volume 19, Issue 4, 2018, Pages 455-463, WOS:000452211700009
25. Claudia Tomozei, Valentin Nedeff, Mirela Panainte, Gabriela Telibaşa, Experimenting rigid and elastic clamping methods of acoustic screens, Environmental Engineering and Management Journal, 1582-9596, 2018, Volume 17, no. 12, pp. 2813-282 WOS:000456043800012
26. Tataru, L., Nedeff, V., Barsan, N., Mosnegutu, E.a, Lehadus, M.P., Sandu, I., Chitimus, D., Studies of humic acid removal from aqueous systems by using polymeric membrane ultrafiltration process, Materiale Plastice, Volume 55, December 2018, Pages 680-685, WOS:000454987400048
27. Goldan, E., Nedeff, V., Sandu, I.G., Mosnegutu, E., Panainte, M., Study of greenhouse use of biohazard wastewater and manure compost, Revista De Chimie, vol. 70, no. 1, 2019, p. 169-173, WOS:000460428100037
28. Tataru, L., Nedeff, V., Mosnegutu, E., Panainte-Lehadus, M., Chitimus, D.A., Exploitation of organic ultrafiltration membranes in the removal of peptone from wastewater, Scientific Study and Research-Chemistry and Chemical Engineering Biotechnology Food Industry, vol. 20, no. 1, 2019, p. 75-87, WOS:000462758300008
29. Tataru, L., Nedeff, V., Barsan, N., Sandu, A.V., Mosnegutu, E., Panainte-Lehadus, M., Sandu, I., Applications of polymeric membranes ultrafiltration process on the retention of bentonite suspension, Materiale Plastice, vol. 56, no. 1, 2019, p. 97-102, WOS:000464604100020
30. Goldan, E., Nedeff, V., Barsan, N., Mosnegutu, E., Sandu, A.V., Panainte, M., The effect of biochar mixed with compost on heavy metal concentrations in a greenhouse experiment and on folsomia candida and eisenia andrei in laboratory conditions, Revista De Chimie, vol. 70, no. 3, 2019, p. 809-813, WOS:000464911600014
31. Antonina Temea, Valentin Nedeff, Mirela Panainte-Lehadus, Claudia Tomozei, Comparison Between Characteristics of Products With Ecolabel and the Ones Without Ecolabel, REV.CHIM.(Bucharest), 2537-5733, 2019, 70, No. 4, p.1293-1297 WOS:000469387200037
32. Mirela Panainte Lehadus, Valentin Nedeff, Narcis Barsan, Andrei Victor Sandu, Emilian Mosnegutu, Claudia Tomozei , Oana Irimia, Gabriela Andrioai, Ion Sandu, Monitoring the Particulate Matter (PM10) Emissions from Bacau City Termo-Energetic Industry, REV.CHIM.(Bucharest), 2537-5733, 2019, vol. 70, No. 8, p. 2869- 2872 WOS:000489685600035
33. Nastuneac, V., Panainte-Lehadus, M., Mosnegutu, E.F., Gavrilas, S., Cioca, G., Munteanu, F.D., Removal of Cypermethrin from water by using fucus spiralis marine alga, International Journal of Environmental Research and Public Health, vol. 16, no. 19, 2019, 10.3390/ijerph16193663, 31569507, WOS:000494748600159
34. Elena Goldan, Valentin Nedeff, Ion Sandu, Narcis Barsan, Emilian Mosnegutu, Mirela Panainte, The use of biochar and compost mixtures as potential, organic fertilizers, REVISTA DE CHIMIE (Bucharest), 2537-5733, 2019, vol. 70, No. 6, p. 2192- 2197, WOS:000475860100063

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36. Muscalu, O.M., Nedeff, F.M., Partal, E., Mosnegutu, E., Panainte-Lehadus, M., Irimia, O., Tomozei, C., Influence of Soil Fertilization Systems on Soil Characteristics for a Monoculture of Sunflower, Scientific Study and Research-Chemistry and Chemical Engineering Biotechnology Food Industry, vol. 20, no. 4, 2019, pp. 585-595, WOS:000502846500008
37. Narcis Barsan, Dana Chitimus, Florin Marian Nedeff, Ion Sandu, Mirela Panainte Lehadus, Andrei Victor Sandu, Oana Irimia Tartoaca, Experimental application of a laboratory SBR plant used for domestic wastewater treatment, REV.CHIM.(Bucharest), 2537-5733, 2019, vol. 70, No. 11, p. 4098- 4101 WOS:000503185300067
38. Emilian Florin MOSNEGUTU, Mirela PANAINTE-LEHĂDUȘ, Florin NEDEFF, Oana TIRTOACA (IRIMIA), Claudia TOMOZEI, Waste management evaluation in the context of sustainable development. Case study Vasile Alecsandri University of Bacau, INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE, ISSN: 2067-533X, January-March 2020, 11, No. 1, p. 179-188, WOS:000520030000017
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