

UNIVERSITATEA PETROL - GAZE DIN PLOIEȘTI  
FACULTATEA DE TEHNOLOGIA PETROLULUI ȘI PETROCHIMIE  
DEPARTAMENTUL INGINERIA PRELUCRARII PETROLULUI SI PROTECTIA  
MEDIULUI  
Concurs pentru ocuparea postului de Conferențiar, poz. 10  
CANDIDAT: Sef. lucr. dr.ing. CASEN PANAITESCU

## LISTA DE LUCRĂRI

### A) LISTA CELOR 10 LUCRĂRI CONSIDERATE A FI CELE MAI RELEVANTE PENTRU REALIZĂRILE PROFESIONALE PROPRII

- A1. *New method to separate ethylenediamine from water-ethylenediamine mixture*, **Panaitescu, C.**, Revista de Chimie, (Bucharest), 2016, 67, no.2, p. 349-352, ISSN 0034-7752.
- A2 *Surfactants efficiency in oil reserves exploitation*, Ghetiu, I., Stan, I.G., **Panaitescu, C.**, Jinescu, C., Mares, A.M., Revista de Chimie, (Bucharest), 2017, 68, no.2, p. 273-278, ISSN 0034-7752
- A3. *Water denitrification by hydrogenation over Ru-Sn catalyst*, Bombos, M., **Panaitescu, C.**, Juganaru, T., Bombos, D., Buzoianu, D., Vasilievici, G., Revista de Chimie, (Bucharest), 2016, 67 no. 6, p. 1172-1175, ISSN 0034-7752
- A4. *Study on efficiency increasing of biological stage by sequential operating of aeration reactors*, Buzoianu, D.A., **Panaitescu, C.**, Bombos, M., Stoica, M.E., Revista de Chimie, (Bucharest), 2016, 67, no. 5, p. 962-966, ISSN 0034-7752
- A5. *Denitrification of Drinking Water by Hydrogenation over Pd Catalyst*, **Panaitescu, C.**, Bombos, M., Juganaru, T., Bombos, D., Vasilievici, G., Revista de Chimie, (Bucharest), 2016, 67, 11, p.2250-2253, ISSN 0034-7752.
- A6. *Reduction of hexavalent chromium by metallic iron nanoparticle*, **Panaitescu, C.**, Bombos, D., Vasilievici, G., Bombos, M., Materiale Plastice, 2015, 52, no.4, p. 427-432, ISSN 0025-5289
- A7. *Procedeu de recuperare a fenolului din apele reziduale*, RO 119712B1, Strătulă, C., **Panaitescu, C.**, Oprea F.; Roșca T., Petre, M., Boțoc Ghe., Ion A., Constantinescu V., OSIM România, din 2005, (conform <http://online.osim.ro/cgi-bin/invsearch8>)
- A8. *Procedeu de separare mecanică a apelor impurificate cu petrol și/sau produse petroliere*, 120400 B1 Stratula C., Nan O., Oprea F., Gheorghită G. T., Jarnea I., **Panaitescu C.**, OSIM România, 2006 (conform <http://online.osim.ro/cgi-bin/invsearch8>)
- A9. *Enhancing of COD treatment in the physico-chemical stage of refinery wastewater treatment plants*, **Panaitescu, C.**, Stoica, M.E., Revista de Chimie, (Bucharest), 2015, 66, no.5, p. 728-731, ISSN 0034-7752
- A10. *Diminishing of biological oxygen demand during wastewater depollution by oxidation with nanostructured catalysts*, **Panaitescu, C.**, Bombos, M., Juganaru, T., Vasilievici, G., Vartires, A., Bombos, D., Materiale Plastice, 2016, 53, no.2, p. 211-214, ISSN 0025-5289

### B) Teza de doctorat

B1. **Panaitescu Cașen**, „*Studii privind separarea alchilenaminelor*”, Universitatea Petrol-Gaze din Ploiești, conducător științific: Prof. dr. ing. Costică STRATULA

### C) BREVETE DE INVENTIE ȘI ALTE TITLURI DE PROPRIETATE INDUSTRIALĂ ȘI INTELECTUALĂ

1. RO 117316, Atanăsoaie, I.; Diaconescu, Ghe., **Panaitescu, C.**, Preoteasa, V.; Oprea F.; Roibu C., Strătulă, C., *Procedeu de depozitare și de transport al fenolului în fază lichidă*, OSIM România, 2002 (conform <http://online.osim.ro/cgi-bin/invsearch8>)
2. RO 119712B1, Strătulă, C., **Panaitescu, C.**, Oprea F.; Roșca T., Petre, M., Boțoc Ghe., Ion A.,

Constantinescu V., *Procedeu de recuperare a fenolului din apele reziduale*, OSIM România, din 2005 (conform <http://online.osim.ro/cgi-bin/invsearch8>)

3. 120400 B1 Stratula C., Nan O., Oprea F., Gheorghita G. T., Jarnea I., **Panaitescu C.**, *Procedeu de separare mecanică a apelor impurificate cu petrol și/sau produse petroliere*, OSIM România, 2006 (conform <http://online.osim.ro/cgi-bin/invsearch8>)

## D) CĂRȚI ȘI CAPITOЛЕ ÎN CĂRȚI

### D1. Cărți de specialitate publicate în edituri naționale recunoscute de CNCSIS

**D1.1 Panaitescu C, Bomboș D.**, Optimizarea procesului de epurare: soluții practice privind proiectarea stațiilor de epurare, Editura Universității Petrol-Gaze din Ploiești, 2017, ISBN 978-973-719-694-1

**D1.2 Panaitescu C, Bomboș D.**, Bioresurse: îndrumar de laborator, Editura Universității Petrol-Gaze din Ploiești, 2017, ISBN 978-973-719-693-4

**D1.3. Panaitescu C.**, Tratarea apelor industriale (îndrumar de laborator), Editura Salt, Ploiești, ISBN 473-976-760-7-9

## E) ARTICOLE / STUDII ÎN EXTENSO, PUBLICATE ÎN REVISTE DIN FLUXUL ȘTIINȚIFIC INTERNAȚIONAL PRINCIPAL

### E1. Articole publicate în reviste cotate ISI

1. Georgescu, V., **Panaitescu, C.**, Bombos, M., Bombos, D., *Hydrogenolysis of Glycerol in Gas Phase on Cu-Cr Mixed Oxide Catalyst Doped with Ni*, Revista de Chimie, (Bucharest), 2017, 68, no.5, p. 1114-1117, ISSN 0034-7752
2. Ion, C.S., Bombos, M., Vasilievici, G., **Panaitescu, C.**, Dragomir, R., *Fuels desulphurization by adsorption on blasting grit*, Revista de Chimie, (Bucharest), 2017, 68, no.4, p. 732-736, ISSN 0034-7752
3. Ghetiu, I., Stan, I.G., **Panaitescu, C.**, Jinescu, C., Mares, A.M., *Surfactants efficiency in oil reserves exploitation*, Revista de Chimie, (Bucharest), 2017, 68, no.2, p. 273-278, ISSN 0034-7752
4. Bombos, M., **Panaitescu, C.**, Juganaru, T., Bombos, D., Buzoianu, D., Vasilievici, G., *Water denitrification by hydrogenation over Ru-Sn catalyst*, Revista de Chimie, (Bucharest), 2016, 67 no. 6, p. 1172-1175, ISSN 0034-7752
5. **Panaitescu, C.**, Bombos, M., Juganaru, T., Vasilievici, G., Vartires, A., Bombos, D., *Diminishing of biological oxygen demand during wastewater depollution by oxidation with nanostructured catalysts*, Materiale Plastice, 2016, 53, no.2, p. 211-214, ISSN 0025-5289
6. **Panaitescu, C.**, Bombos, M., Buzoianu, D.A., Bombos, D., Vasilievici, G., *Imidazoline type dispersant for aqueous dolomite suspension*, Revista de Chimie Revista de Chimie, (Bucharest), 2016, 67, no.4, p. 760-763, ISSN 0034-7752.
7. Bombos, M., **Panaitescu, C.**, Juganaru, T., Vasilievici, G., Bombos, D., *Removing of pollutants from catalytic cracking wastewater by oxidation with nanostructured catalysts*, Materiale Plastice, 2016, 53, no.1, p. 95-99, ISSN 0025-5289.
8. **Panaitescu, C.**, *New method to separate ethylenediamine from water-ethylenediamine mixture*, Revista de Chimie, (Bucharest), 2016, 67, no.2, p. 349-352, ISSN 0034-7752.
9. Stoica, M.E., Avram, L., Onutu, I., Barbulescu, A., **Panaitescu, C.**, Cristescu, T., *Time behaviour of hydrocarbon pollutants in soils polluted with oil and salt water*, Revista de Chimie, (Bucharest), 2016, 67, no.2, p. 357-361, ISSN 0034-7752.
10. **Panaitescu, C.**, Petrescu, M.G., *Employment of mobile wastewater treatment plants in accidental pollution and operating risks evaluation*, 2016, Fresenius Environmental Bulletin, 25, no.11, p. 4517-4524, ISSN 1018-4619.

11. **Panaitescu, C.**, Jinescu, C., Mares, A.M., *Study on ethylenediamine removal from textile industry wastewater*, Revista de Chimie, (Bucharest), 2016, 67, no.5, p. 925-928, ISSN 0034-7752
12. Buzoianu, D.A., **Panaitescu, C.**, Bombos, M., Stoica, M.E., *Study on efficiency increasing of biological stage by sequential operating of aeration reactors*, Revista de Chimie, (Bucharest), 2016, 67, no. 5, p. 962-966, ISSN 0034-7752
13. **Panaitescu, C.**, Bombos, M., Juganaru, T., Bombos, D., Vasilievici, G., *Denitrification of Drinking Water by Hydrogenation over Pd Catalyst*, Revista de Chimie, (Bucharest), 2016, 67, 11, p.2250-2253, ISSN 0034-7752.
14. **Panaitescu, C.**, Bombos, D., Vasilievici, G., Bombos, M., *Reduction of hexavalent chromium by metallic iron nanoparticle*, Materiale Plastice, 2015, 52, no.4, p. 427-432, ISSN 0025-5289
15. **Panaitescu, C.**, Stoica, M.E., *Enhancing of COD treatment in the physico-chemical stage of refinery wastewater treatment plants*, Revista de Chimie, (Bucharest), 2015, 66, no.5, p. 728-731, ISSN 0034-7752
16. Cristea, S.a , Bolocan, I.a , Bombos, D., Bombos, M., Vasilievici, G., Juganaru, T., Chivu, R., **Panaitescu, C.**, *Hydrogenolysis of sunflower oil over Co-Mo catalyst*, Revista de Chimie, (Bucharest), 2015, 66, no.8, p. 1177-1180, ISSN 0034-7752
17. **Panaitescu, C.**, Bucuroiu, R., *Study on the composition of municipal waste in urban areas of Prahova county*, Environmental Engineering and Management Journal, 2014, 13, no.7, p. 1567-1571, ISSN 1582-9596.
18. **Panaitescu, C.**, Onutu, I., *Monitoring the quality of the sludge resulted from domestic wastewater treatment plants and the identification of risk factors*, Environmental Engineering and Management Journal, 2013, 12, no.2, p. 351-358, ISSN 1582-9596.
19. Strătulă, C., **Panaitescu, C.**, Lungu, A., Pana, A., *Some considerations concerning the advanced elimination of epychlorhydrin from 1,2-dichloropropane by fractioning [Unele considerații privind eliminarea avansată a epiclorhidrinei din 1,2-dicloropropan prin fracționare]*, Revista de Chimie, 2005, 56, no.6, p. 677-681, ISSN 0034-7752
20. Panaitescu C., *Influence of the Leachate Drainage Systems on Groundwater Quality in Muntenia Region*, Agriculture and Agricultural Science Procedia, 2015 , 6, 500 – 505 (fără factor de impact), ISSN 22107843.

## E2. Articole publicate în reviste necotate ISI, dar indexate în alte BDI sau publicate (in extenso) în volumele conferințelor internaționale indexate ISI

1. **PANAITESCU C.** , STOICA M. E., FEHIMAN C., *Non-Conventional Technologies for the Manufacturing Systems Use in Biological Wastewater Treatment Process*, Applied Mechanics and Materials, Vols. 809-810, p. 1573-1578, ISSN: 1662-7482, doi:10.4028/www.scientific.net/AMM.809-810.1573
2. Petrescu, M., **Panaitescu, C.**, Bucuroiu, R., *Implementation of IQ Software Pack in Wastewater Treatment Plant*, International Scientific Journal Environmental Science, ISBN 13:978-1499721980
3. Patrascu C., Avram L, Dobre L, **Panaitescu C.**, Popa M., *Decontamination microbiologique d'un site historiquement pollué avec du pétrole brut*, Scientific Study Research, ISSN 1582-540X, Vol VII(3), 2006, p.531-534
4. **Panaitescu C.**, Patrascu C., Avram L, Dobre L, Popa M., *Monitoring the quality of surface water from Ploiești*, Scientific Study Research, 2006, Vol VII(3) ISSN 1582-540X,p.525-530
5. **Panaitescu, C.**, Petrescu, M.G., Bucuroiu, R., *Possibilities for the treatment of wastewater from primary petroleum clarifiers* , Journal of Engineering Studies and Research – Volume 20 (2014) No. 3, ISSN 2068-7559
6. Constandache, C., **Panaitescu, C.**, Bilanici, B., *Forests and water vulnerability under climate*

- change impact in the Putna River Basin –Vrancea, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. IV, 2015 Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064, p. 73-78
7. **Panaitescu, C.**, Study regarding the use of sludge and effluent from waste water plants in agriculture, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. III, 2014, p. 9-12, Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, ISSN-L 2285-6064
  8. **Panaitescu, C.**, , Constandache C., Bilea I.C., Petrisor Vica P. , Bilanici, A., Onutu, I., *Influence of climate change on surface water quality in the MANECIU – CHEIA AREA*, Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering. Vol. III, 2014, p. 85-89, Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, ISSN-L 2285-6064
  9. **Panaitescu, C.**, *Study on Increasing the Efficiency of Biological Treatment by Use New Microorganisms*, STUDIA UNIVERSITATIS BABES-BOLYAI, AMBIENTUM, 2012, 57, (LVII), p.129-138,ISSN(print):843-3855,ISSN(online): 2065-9490, ISSN-L:1843-3855
  10. **Panaitescu C.**, Popescu C., Dobre L., Popa M., Information Management for Monitoring Surface Water, 9-th IBIMA-Maroc, 5-6 ianuarie 2008, ISBN-09753393-8-9(conferință indexată ISI)
  11. Patrascioiu C., **Panaitescu C.**, Paraschiv N., *Control valves - Modeling and simulation*, 2009, Proceedings of the 11th WSEAS International Conference on Mathematical Methods, Computational Techniques and Intelligent Systems, MAMECTIS '09, Proc. 8th WSEAS NOLASC '09, Proc. 5th WSEAS CONTROL '09, p. 63-68, ISBN 978-960-474-094-9, ISSN1790-2769(conferință indexată ISI)

### **E3. Articole publicate în reviste de specialitate recunoscute de CNCSIS**

1. **Panaitescu, C.**, *Using the mobile wastewater systems in treating wastewater from oil separators*, Buletinul UPG, Seria Tehnica, vol. LXVI, No.4/2014, ISSN-L 1224-8495, P. 61-67
2. **Panaitescu, C.**, *Study of wastewater mixing in Sewage system and Wastewater Treatment in Slobozia*, Buletinul UPG, Seria Tehnica, vol. LX., No.4B/2008, p.
3. **Panaitescu, C.**, *Correlation between Biological Wastewater Treatment and Efficiency*, Buletinul UPG, Seria Tehnica, vol. LX., No.4B/2008, p.
4. **Panaitescu C.**, Patrascu C., Dobre L., Popa M., *New wastewater treatment technologies in petrochemical industries*, Ovidius University Annals of Chemistry, Volume 18, no. 1, 2007, p.90
5. Patrascu C., Dobre L., Popa M., **Panaitescu C.**, *The investigation of heavy metals behavior decontamination systems of soil contaminated with oil products*, Ovidius University Annals of Chemistry, Volume 18, no. 1, 2007, p.102
6. Boussier, Jean-Marie, Ion-Boussier, L., Popescu C., Augustin M., **Panaitescu C.** , *Evaluation de l'Efficacité d'une Mesure de Transport*, Buletinul UPG Ploiesti, Economics Sciences Vol LIX-4/2007, p.
7. **Panaitescu, C.**, *Study of wastewater treatment from ecological storage yard*, Buletinul UPG Ploiesti,Seria Tehnica, vol LXII , No 3A/2010, p. 105
8. **Panaitescu, C.**, *Study of water quality that result after meat treatment*, Buletinul UPG Ploiesti,Seria Tehnica, vol LXII , No 3A/2010, p. 109
9. **Panaitescu, C.**, *Considerații privind eliminarea selectivă a H2S față de CO2 din gazelle naturale prin absorbtie în etanolamine*, Buletinul Universității "Petrol-Gaze" din Ploiești, vol.XL VII-L, Nr.14,ISSN 0376 4156, 1998, p.
10. **Panaitescu, C.**, *Epurarea apelor reziduale industriale care conțin etilendiamină prin procedeul de adsorbție pe cărbune activ special* , Buletinul Universitatii Petrol-Gaze din Ploiesti, 2005, ISSN 1221-9371, vol LVII, pag. 109-113, Seria Tehnică, Nr. 2/2005.
11. **Panaitescu C.**, *Surface water quality management in PRAHOVA area*, Annals of the „Constantin Brâncuși” University of Târgu Jiu, Economy Series, Special Issue/2014-

Information society and sustainable development, „ACADEMICA BRÂNCUȘI” PUBLISHER, p. 152-154, ISSN 2344 – 3685/ISSN-L 1844 – 7007,

12. **Panaitescu C.**, *Wastewater Treatment Technologies Applied In Conformity With The European Environmental Policies*, Annals of the „Constantin Brâncuși” University of Târgu Jiu, Economy Series, Special Issue/2014- Information society and sustainable development, p.148-151, „ACADEMICA BRÂNCUȘI” PUBLISHER, ISSN 2344 – 3685/ISSN-L 1844 – 7007
13. **Panaitescu C.**, *Increasing the degreeof treatment for COD and BOD using AQUA MICROPAN PE type microorganisms in combination with activated sludge*, Bulletin of Romanian Chemical Engineering Society, vol.3, No.1&2, 2016, ISSN 2360-4697, p. 172
14. **Panaitescu C.**, Stan G., *The implementation of the coagulation-flocculation process in the leachate treatment from ecological landfills*, Bulletin of Romanian Chemical Engineering Society, vol.3, No.1&2, 2016, ISSN 2360-4697, p. 179.

#### F) PUBLICAȚII ÎN EXTENO, APĂRUTE ÎN VOLUME ALE CONFERINȚELOR INTERNATIONALE DE SPECIALITATE

1. **Panaitescu C.**, *Climate Change Impacts On Water Resources In River Basin* BUZAU, ROMANIA, International Conference Climate Change On Water Resources, ISBN 978-86-82565-41-3, Belgrade, Editor: Jaroslav Cerni Institute, p.69-73, 17-18 Octomber 2013, Belgrade, Serbia.
2. Constandache C., **Panaitescu C.**, Onutu I., Vica C., Bilanici A., Vica P., *Drinking water- from source to consumption in romania. The approach in the CCWATER-PROJECT*, International Conference Climate Change On Water Resources, ISBN 978-86-82565-41-3, Belgrade, Editor: Jaroslav Cerni Institute, p.236-242, 17-18 OCTOMBER 2013, Belgrade, Serbia
3. **Panaitescu C.**, *Climate change impacts on surface water resources in ROMANIA*, ICERE 2014, ISBN-10:1499567154, 7-8 Mai, Paris, Franta
4. **Panaitescu, C.**, *Aspecte economice privind eliminarea etilendiaminei din apele reziduale prin adsorbtie pe diferite tipuri de carbune activ*, A XV-a Conferinta de Termotehnica cu participare internatională, 26-28 mai 2005, ISBN 973-742-089-6, editat pe CD, Craiova, 26-28 mai 200
5. Luminița Ion-Boussier, H. Omrani, Trigano P., **Panaitescu C.**, Dobre L, Popa M.,, *Decision making aid tool to choice and to evaluate urban projects, Quality in Services*, -8 september, 2006, Paisley, Scotland
6. **Panaitescu C.**, Ion Onutu, *Methodology to evaluate the biological wastewater treatment plant stage*, International Symposium Mineral and Resources Environment Engineering, ISBN 978-973-1729-74-9
7. **Panaitescu C.**, *Necesitatea tratarii apelor uzate de rafinarie in vederea refolosirii ca ape de proces*, GEOPROPOL 2009, 12-13 iunie 2009, Bucuresti, ISSN 2066-5725
8. **Panaitescu C.**, *Epurarea microbiologica- o soluție pentru reducerea concentratiei poluantilor din apele uzate de rafinarie*, ISSN 2066-5725, GEOPROPOL 2009, 12-13 iunie 2009, Bucuresti
9. **Panaitescu C.** *New strategies in wastewater treatment from Prahova industrial area applied in conformity with the european environmental policies*, Conferinta internationala Jean Monnet Iasi –Europe on the move, ISBN 978-973-703-478-6, Iași, 7-9 mai 2009
10. **Panaitescu C.** *Surface water quality-between european policies an The necessities imposed by enviromental protection*, ISBN 978-973-703-478-6,

Europe on the move, 7-9 mai 2009

11. **Panaitescu C.**, Jinescu Gh., Patroescu V. *Study on use of aerobic microbiological treatment in wastewater treatment with a high content of petroleum products*, International Symposium of Environment and Industry, 28-30 OCTOMBRIE, 2009, ISSN 1843-5831
12. Jinescu, Ghe., Isopencu,G., Jinescu C., Mares, M., Vasilescu P., **Panaitescu C.**, *The study of elutriation of the solid particle phenomena in fluidized bed* Procesess ISBN 978-606-521-349-4, RICCCE 2009, sept. 2009
13. **Panaitescu C.**, Isopencu,G., Isopencu,G., Jinescu C., Mares, M., *Methods for Analytical Control In Biological Treatment Stage of Industrial Wastewater*, ISBN 978-606-521-349-4, RICCCE 2009, sept. 2009
14. Strătulă, C., Oprea, F., **Panaitescu C.** Petre, M., Boțoc Gh., Mocanu A, *Studiul recuperării fenolului din soluții apoase prin extracție lichid- lichid cu MTBE*, Simpozionul Internațional de Chimie, București, 3-6 octombrie 2000, (ISBN 973-685-163 X, p.394).
15. Olaru, C., Tsakiris, C., Panaitescu, C., *Modelarea unei unități fizico-chimice din fluxul de tratare a apelor cu reziduu petrolier*, Simpozionul Internațional de Chimie, București, 3-6 octombrie2000, ISBN 973-685-163 X, p.394.
16. Strătulă,, C., Oprea, F., **Panaitescu C.** Petre, M., Boțoc Gh., *Methyl Tert-butyl Ether- A New Solvent for Phenol and Acetic Acid Extraction from Wastewater*, *International Solvent Extraction Conference*, Cape Town, South Africa, March 18-21, 2002 (CD).
17. **Panaitescu C.**, *Study of the liquid-vapor equilibrium in the presences of electrolytes*, ARA 2010, Proceedings- Presses Internationales Polytechnique, Montreal, Quebec, 2010, ISBN 978-2-553-01547-2, , p.481, 18-23 MAI, 2010
18. **Panaitescu C.**, *Integrate sludge management from Prahova area in the national strategies*, International Scientific Conference Information society and sustainable development, 2nd Edition, , ISBN 978-973-144-637-0, 24-25 April, 2015, Romania

## G) ALTE LUCRĂRI ȘI CONTRIBUȚII ȘTIINȚIFICE

### G1. Participări la conferințe naționale de specialitate cu publicarea lucrărilor în extenso

1. **Panaitescu C.**, *The efectiveness of utilization of floating dams in treating surface waters accidentally polluted with petroleum products*, SIGPROT 2010, ISSN2066-995x, p. 1576
2. **Panaitescu C.**, *Study for finding optimal solutions for sludge treatment*, SIGPROT 2010 ISSN2066-995x, p. 1589
3. **Panaitescu C.**, *The influence of wastewater from the food industry upon the quality of the surface waters*, SIGPROT 2010 ISSN2066-995x, p. 1576
4. **Panaitescu C.**, *The effectiveness of utilization of floating dams in treating surface waters accidentally polluted with petroleum products*, SIGPROT 2010, ISSN2066-995x, p. 1582
5. **Panaitescu C.**, *Integrarea procesului de epurare al apelor uzate industriale in contextul dezvoltarii durabile in regiunea Valenii de Munte*, Conferinta Chimie si Dezvoltare, Pitesti, 28 mai 2010 ,ISSN 1453-1151, p. 48
6. **Panaitescu C.**, *Monitorizarea dinamicii namolului active în vederea obtinerii unei calitati cat mai bune a apei uzate epurate*, Conferinta Chimie si Dezvoltare, Pitesti, 28 mai 2010, ISSN 1453-1151, p. 61

7. Panaitescu, C., *Dispersia atmosferică*, Simpozionul Mediul și industria, Institutul Național de Cercetare Dezvoltare pentru Ecologie Industrială București, 23-25 septembrie 1999, București
8. Stratula C., Panaitescu, C., Unele consideratii teoretice si practice privind eliminarea EPCH din 1,2DCP prin fractionare, Conferinta Nationala de Chimie, Calimanesti., Septembrie 2004

## G2. Participări la conferințe internaționale și naționale de specialitate fără publicarea lucrărilor în extenso

1. Panaitescu C., *Study on increasing the efficiency of biological treatment use new microorganism*, ELSEDIMA 2012, 25-27 OCTOMBRIE, 2012, CLUJ-NAPOCA
2. PANAITESCU C., PETRESCU,M.G., *Use of mobile wastewater treatment plant in case of accidental pollution*, ELSEDIMA 2014, 25-27 OCTOMBRIE, 2012, CLUJ-NAPOCA, Book of abstract, p.126
3. Panaitescu C. *Folosirea stațiilor de epurare mobile la epurarea apelor uzate încărcate cu produse petroliere* , Conferinta-Monitoring water Pollution and Wastewater treatment, , 27-29 Martie, Editia a II-a, Predeal, Romania.
4. Panaitescu C., *Calitatea namolurilor depozitate in zona judetului Prahova*, Conferinta- Solutii si tehnologii de eliminare si tratare a namolurilor, 5 decembrie 2012, NOVOTEL, Bucuresti.
5. Panaitescu C., Marius Gabriel Petrescu, Rodica Bucuroiu, Gordan Roxana, *Analysis and Optimization of Wastewater Treatment Process from Detergents Industry*, OPROTECH Including CISA and PLUMEE Conferences, 4-6 IUNIE, 2015, BACAU, Book of abstract,, ISSN 2457-3388
6. Marius Gabriel Petrescu, Panaitescu C., Eugen Laudacescu *The Fuel Storage Valuation and Optimization -New Solution for Environmental Protection*; OPROTECH Including CISA and PLUMEE Conferences, 4-6 IUNIE, 2015, BACAU,-Book of abstract, ISSN 2457-3388
7. Panaitescu C., Marius Gabriel Petrescu, *Water Pollution in the Urban Prahova County. Troubles and Solutions*, URBAN ENVIRONMENTAL POLLUTION 2014, Climate Change and Urban Environment, TORONTO, CANADA, 12-15 iunie, 2014
8. Panaitescu C., Bucuroiu R., *Study of Surfacewater and Groundwater Pollutants in Ploiesti City, Romania*, URBAN ENVIRONMENTAL POLLUTION 2014, Climate Change and Urban Environment, TORONTO, CANADA, 12 - 15 June 2014, Sheraton Centre, Toronto, Canada
9. Panaitescu C., Choose of wastewater treatment methods-decisive factor for environmental quality, Environmental pollution and its impact on public health, Universitatea Transilvania Brasov, 16-19 iulie, 2008, ISBN 978-973-598-324-6
10. Panaitescu C., Onutu I., *Calitatea apei potabile din zona Valeni-Maneciu-Cheia. Indici de tratabilitate a apei potabile din zona Valeni-Maneciu. BAT-uri in tratarea apei potabile.Padurea si resursele de apa potabila in contextul schimbarilor climatice- CCWARE*, Cheia, 29 mai 2013
11. Panaitescu C, *The opportunity of Monitoring on-line the wastewater treatment process*, Wastewater Treatment and Purification, 19-20 Mai 2011, Sinaia
12. Panaitescu C., *VOC in Refinery Wastewater*, Monitoring of Water Pollution and Wastewater Treatment Conference, 21-23 Martie, Sinaia, Romania
13. Panaitescu C., *The influence of Scada System on the Quality of treated water*, Monitoring of Water Pollution and Wastewater Treatment, 21-23 Martie, Sinaia, Romania
14. Panaitescu C., *Evaluarea cantitativa a riscului rezultat in urma depozitarii*



*necontrolate a deseuriilor in Judetul Prahova in scopul prevenirii aparitiei siturilor contaminate*, Contaminated Sites Management, 3rd Edition, 15 aprilie 2011, Sinaia, Romania

15. **Panaitescu C.**, *The oportunity of Monitoring on-line the wastewater treatment process*, Wastewater Treatment and Purification, 19-20 Mai 2011, Sinaia
16. **Panaitescu C.**, *Water vulnerability in Romania area*, 19-20 March, Modena, knowledge transfer workshop and 2nd Plenary Workshop CC-WARE.
17. **Panaitescu C.**, *Indicators for water vulnerability*, 21 st October 2014, Waidhofen/Ybbs. Austria:Regional Workshop for Forest Management & protection of drinking water.
18. **Panaitescu C.**, Wastewater Treatment Plant Data Management. Problems and Solutions in Romania , 6th Lumen International Conference, April 16th-19th, 2015, Iasi, Romania,
19. **Panaitescu C.**, Romanian Strategies in Compost Management, 6th Lumen International Conference, April 16th-19th, 2015, Iasi, Romania,
20. **Panaitescu C.**, Information Technology Infrastructure In Wastewater Treatment Plant From Refinery, 6th Lumen International Conference, April 16th-19th, 2015, Iasi, Romania
21. **Panaitescu C.**, Zamfir Alina, Evaluarea impactului poluarii apelor de suprafata in zona industriala a orasului Ploiesti. Sesiunea de comunicari stiintifice C.D Nenitescu, Editia a IV-a, Noiembrie 2007
22. **Panaitescu C.**, Onutu, I., L' etude du traitement des residus , COFrRoCA-2008, Bacau, 25-29 Iunie, 2008, ISBN 978-973-1833-77-4
23. **Panaitescu C.**, Nicolae M., Etude de réhabilitation du niveau secondaire de la station du traitement de l'eau use, COFrRoCA-2008, Bacau 25-29 Iunie, 2008, ISBN 978-973-1833-77-4
24. **Panaitescu C.**, Onutu I., Aspecte privind eliminarea compusilor aromatici din apele uzate industriale, Conferinta Meda Consulting, Ape uzate industrial – colectare transport-epurare gestionare deseuri, Predeal , 2010,
25. Matei, V., Tanasescu C., **Panaitescu C.**, Study on oil hydrodeparaffination based on bifunctional catalysts, Al IV-lea Simposion National de Cataliza, Ploiesti, 21-23 sept, 1995
26. Stoica, M.E., Panaitescu C., Cristescu T., *Decontamination of soils polluted with petroleum using physicochemical and thermal remediation technologies in Prahova county area*, Agriculture for life, Life for Agriculture, 2016, June 9-11, Bucharest, Romania.
27. **Panaitescu C.**, Reabilitarea statiei de epurare din cadrul unui depozit ecologic in contextul dezvoltarii infrastructurii de mediu locale, Conferinta internationala Jean Monnet Iasi -Europe's Challenges in a globalised world, 14-15 mai 2010.
28. **Panaitescu C.**, Epurarea apelor uzate din industria alimentara in conformitate cu principiile dezvoltarii durabile, Conferinta internationala Jean Monnet Iasi - Europe's Challenges in a globalised world, 14-15 mai 2010.
29. **Panaitescu C.**, Bombos. D. Dusescu C., Ichim M., Bolocan I., Study of n-Butyl Alcohol Recovery from the fermentation process, The 2th International Conference Science and Technology in the Context of Sustainable development, Ploiesti, 2010.
30. Stoica, M. **Panaitescu, C.** Jinescu C., *Pollutant disposal potential in areas with petroleum product*, BACAU 2016, Conference Proceedings – ABSTRACTS, International Conference of Applied Sciences, June 2<sup>nd</sup>-4<sup>th</sup>, 2016, Bacau, Romania.
31. **PANAITESCU, C.**, JINESCU, G., M.A. MAREŞ, M. A., *Optimisation of the anaerobic stage of a brewery wastewater treatment plant*, BACAU 2016,

12.06.2017

Sef lucr. dr. ing. Cașen Panaiteescu

