

LISTA DE LUCRĂRI - Sef. lucr. dr.ing. CASEN PANAITESCU

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

- A1. *An interaction between praseodymium 4-hydroxycinnamate with A51020 and X65 steel microstructures in carbon dioxide environment*, Nam, N.D., **Panaïtescu, C.**, Tan, M.Y.J., Forsyth, M., Hinton, B., *Journal of the Electrochemical Society*, **2018** volume 165, issue 2, **C50-C59**, ISSN 00134651.
- A2. *New method to separate ethylenediamine from water-ethylenediamine mixture*, **Panaïtescu, C.**, *Revista de Chimie*, (Bucharest), 2016, 67, no.2, p. 349-352, ISSN 0034-7752.
- A3. *Surfactants efficiency in oil reserves exploitation*, Ghetiu, I., Stan, I.G., **Panaïtescu, C.**, Jinescu, C., Mares, A.M., *Revista de Chimie*, (Bucharest), 2017, 68, no.2, p. 273-278, ISSN 0034-7752
- A4. *Water denitrification by hydrogenation over Ru-Sn catalyst*, Bombos, M., **Panaïtescu, C.**, Juganaru, T., Bombos, D., Buzoianu, D., Vasilievici, G., *Revista de Chimie*, (Bucharest), 2016, 67 no. 6, p. 1172-1175, ISSN 0034-7752
- A5. *Denitrification of Drinking Water by Hydrogenation over Pd Catalyst*, **Panaïtescu, 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*, **Panaïtescu, 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, Strățulă, C., **Panaïtescu, 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., **Panaïtescu 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*, **Panaïtescu, 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*, **Panaïtescu, 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. Panaïtescu Cașen, „*Studii privind separarea alchilenaminelor*”, Universitatea Petrol-Gaze din Ploiești, conducător științific: Prof. dr. ing. Costică STRATULA

C) BREVETE DE INVENȚIE ȘI ALTE TITLURI DE PROPRIETATE INDUSTRIALĂ ȘI INTELECTUALĂ

- RO 117316, Atănăsoaie, I.; Diaconescu, Ghe., **Panaïtescu, C.**, Preoteasa, V.; Oprea F.; Roibu C., Strățulă, C., *Procedeu de depozitare și de transport al fenolului în fază lichidă*, OSIM România, 2002 (conform <http://online.osim.ro/cgi-bin/invsearch8>)
- RO 119712B1, Strățulă, C., **Panaïtescu, 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>)

- 120400 B1 Stratula C., Nan O., Oprea F., Gheorghită G. T., Jarnea I., **Panaiteescu 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 CAPITOLE ÎN CĂRȚI

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

D1.1 Panaiteescu 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 Panaiteescu C, Bomboș D., Bioresurse: îndrumar de laborator, Editura Universității Petrol-Gaze din Ploiești, 2017, ISBN 978-973-719-693-4

D1.3. Panaiteescu 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., **Panaiteescu, 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., **Panaiteescu, 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., **Panaiteescu, 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., **Panaiteescu, 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. **Panaiteescu, 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. **Panaiteescu, C.**, Bombos, M., Buzoianu, D.A., Bombos, D., Vasilievici, G., *Imidazoline type dispersant for aqueous dolomite suspension*, Revista de Chimie, (Bucharest), 2016, 67, no.4, p. 760-763, ISSN 0034-7752.
7. Bombos, M., **Panaiteescu, 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. **Panaiteescu, 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., **Panaiteescu, 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. **Panaiteescu, 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. **Panaiteescu, 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., **Panaiteescu, 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. **Panaiteescu, 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. **Panaiteescu, 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. **Panaiteescu, 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., **Panaiteescu, C.**, *Hydrogenolysis of sunflower oil over Co-Mo catalyst*, Revista de Chimie, (Bucharest), 2015, 66, no.8, p. 1177-1180, ISSN 0034-7752
17. **Panaiteescu, 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. **Panaiteescu, 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. Strătuță, C., **Panaiteescu, C.**, Lungu, A., Pana, A., *Some considerations concerning the advanced elimination of epichlorhydrin 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. Panaiteescu 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.
21. Nam, N.D., **Panaiteescu, C.**, Tan, M.Y.J., Forsyth, M., Hinton, B., *An interaction between praseodymium 4-hydroxycinnamate with AS1020 and X65 steel microstructures in carbon dioxide environment*, Journal of the Electrochemical Society , 2018 volume 165, issue 2, **C50-C59**, ISSN 00134651.
22. Georgescu, V., Vasilievici, G., Bombos, M., **Panaiteescu, C.**, *Study of CO-CR mixed oxides for different applications*, Revista de Chimie, Volume 68, Issue 9, September 2017, Pages 2039-2042

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., **Panaiteescu, 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, **Panaiteescu C.**, Popa M., *Decontamination microbiologique d'un site historiquement pollue avec du petrole brut*, Scientific Study Research, ISSN 1582-540X, Vol VII(3), 2006, p.531-534

4. **Panaiteescu C.**, Patrascu C., Avram L, Dobre L, Popa M., *Monitoring the quality of surface water from Ploiesti, Scientific Study Research*, 2006, Vol VII(3) ISSN 1582-540X,p.525-530
5. **Panaiteescu, 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., **Panaiteescu, 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. **Panaiteescu, 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. **Panaiteescu, 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. **Panaiteescu, 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. **Panaiteescu 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., **Panaiteescu 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)
12. Panaiteescu C., Improve Wastewater Treatment Methods from Brewing Industry, RSACVP 2019, Vol 9 (2019): 12th LUMEN International Scientific Conference Rethinking Social Action. Core Values in Practice | RSACVP 2019 | 15-17 May 2019 | Iasi – Romania, p. 232-238, DOI: <https://doi.org/10.18662/lumproc.169>
13. Panaiteescu C., Addressing the Acceptance of Students 'Studies in Other Countries in the Context of National Policies and Security Strategies, RSACVP 2019, Vol 9 (2019): 12th LUMEN International Scientific Conference Rethinking Social Action. Core Values in Practice | RSACVP 2019 | 15-17 May 2019 | Iasi – Romania, p. 239-245, DOI: <https://doi.org/10.18662/lumproc.170>
14. Panaiteescu C., The Possibility of Meeting University Studies by Migrants, RSACVP 2019, Vol 9 (2019): 12th LUMEN International Scientific Conference Rethinking Social Action. Core Values in Practice | RSACVP 2019 | 15-17 May 2019 | Iasi – Romania, p. 246-255, DOI: <https://doi.org/10.18662/lumproc.171>

E3. Articole publicate în reviste de specialitate recunoscute de CNCSIS

1. **Panaiteescu, 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. **Panaiteescu, C.**, *Study of wastewater mixing in Sewage system and Wastewater Treatment in Slobozia*, Buletinul UPG, Seria Tehnica, vol. LX., No.4B/2008, p.
3. **Panaiteescu, C.**, *Correlation between Biological Wastewater Treatment and Efficiency*, Buletinul UPG, Seria Tehnica, vol. LX., No.4B/2008, p.
4. **Panaiteescu 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., **Panaiteescu 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., **Panaiteescu C.**, *Evaluation de l'Efficacit e d'une Mesure de Transport*, *Buletinul UPG Ploiesti, Economics Sciences Vol LIX-4/2007*, p.
7. **Panaiteescu, C.**, *Study of wastewater treatment from ecological storage yard*, *Buletinul UPG Ploiesti,Seria Tehnica*, vol LXII , No 3A/2010, p. 105
8. **Panaiteescu, C.**, *Study of water quality that result after meat treatment*, *Buletinul UPG Ploiesti,Seria Tehnica*, vol LXII , No 3A/2010, p. 109
9. **Panaiteescu, C.**, *Considera ii privind eliminarea selectivă a H2S fa a de CO2 din gazele naturale prin adsorb ie  n etanolamine*, *Buletinul Universit ii "Petrol-Gaze" din Ploieşti*, vol.XL VII-L, Nr.14,ISSN 0376 4156, 1998, p.
10. **Panaiteescu, C.**, *Epurarea apelor reziduale industriale care conţin etilendiamină prin procedeul de adsorb ie pe c rbune activ special* , *Buletinul Universitatii Petrol-Gaze din Ploiesti*, 2005, ISSN 1221-9371, vol LVII, pag. 109-113, Seria Tehnică, Nr. 2/2005.
11. **Panaiteescu C.**, *Surface water quality management in PRAHOVA area*, *Annals of the „Constantin Br ncuşi” University of T rgu Jiu, Economy Series, Special Issue/2014- Information society and sustainable development*, „ACADEMICA BR NCUŞI” PUBLISHER, p. 152-154, ISSN 2344 – 3685/ISSN-L 1844 – 7007,
12. **Panaiteescu C.**, *Wastewater Treatment Technologies Applied In Conformity With The European Environmental Policies*, *Annals of the „Constantin Br ncuşi” University of T rgu Jiu, Economy Series, Special Issue/2014- Information society and sustainable development*, p.148-151, „ACADEMICA BR NCUŞI” PUBLISHER, ISSN 2344 – 3685/ISSN-L 1844 – 7007
13. **Panaiteescu C.**, *Increasing the degree of 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. **Panaiteescu 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) PUBLICA II  N EXTENSO, AP RUTE  N VOLUME ALE CONFERINTELOR INTERNA IONALE DE SPECIALITATE

1. **Panaiteescu 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 October 2013, Belgrade, Serbia.
2. Constandache C., **Panaiteescu 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 OCTOBER 2013, Belgrade, Serbia
3. **Panaiteescu C.**, *Climate change impacts on surface water resources in ROMANIA*, ICERE 2014, ISBN-10:1499567154, 7-8 Mai, Paris, Franta
4. **Panaiteescu, C.**, *Aspecte economice privind eliminarea etilendiaminei din apele reziduale prin adsorb ie pe diferite tipuri de carbune activ*, *A XV-a Conferinta de Termotehnica cu participare interna ională*, 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., **Panaiteescu 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. **Panaiteescu C.**, *Necesitatea tratarii apelor uzate de rafinarie in vederea refolosirii ca ape de proces*, GEPROPOL 2009, 12-13 iunie 2009, Bucuresti, ISSN 2066-5725
7. **Panaiteescu C.**, *Epurarea microbiologica- o soluție pentru reducerea concentratiei poluantilor din apele uzate de rafinarie*, ISSN 2066-5725, GEPROPOL 2009, 12-13 iunie 2009, Bucuresti
8. **Panaiteescu 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
9. **Panaiteescu 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
10. **Panaiteescu 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
11. Jinescu, Ghe., Isopencu, G., Jinescu C., Mares, M., Vasilescu P., **Panaiteescu C.**, *The study of elutriation of the solid particle phenomena in fluidized bed Procesess* ISBN 978-606-521-349-4, RICCCCE 2009, sept. 2009
12. **Panaiteescu 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, RICCCCE 2009, sept. 2009
13. Strătulă, C., Oprea, F., **Panaiteescu 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).
14. Olaru, C., Tsakiris, C., Panaiteescu, C., *Modelarea unei unități fizico-chimice din fluxul de tratare a apelor cu reziduu petrolier*, Simpozionul Internațional de Chimie, București, 3-6 octombrie 2000, ISBN 973-685-163 X, p.394.
15. Strătulă, C., Oprea, F., **Panaiteescu 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).
16. **Panaiteescu C.**, *Study of the liquid-vapor equilibrium in the presences of electrolythes*, ARA 2010, Proceedings- Presses Internationales Polytechnique, Montreal, Quebec, 2010, ISBN 978-2-553-01547-2, , p.481, 18-23 MAI, 2010
17. **Panaiteescu 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. **Panaiteescu C.**, *The efectiveness of utilization of floating dams in treating surface waters accidentally polluted with petroleum products*, SIGPROT 2010, ISSN2066-995x, p. 1576

2. **Panaiteescu C.**, *Study for finding optimal solutions for sludge treatment*, SIGPROT 2010 ISSN2066-995x, p. 1589
3. **Panaiteescu C.**, *The influence of wastewater from the food industry upon the quality of the surface waters*, SIGPROT 2010 ISSN2066-995x, p. 1576
4. **Panaiteescu C.**, *The effectiveness of utilization of floating dams in treating surface waters accidentally polluted with petroleum products*, SIGPROT 2010, ISSN2066-995x, p. 1582
5. **Panaiteescu 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. **Panaiteescu 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. **Panaiteescu, C.**, *Dispersia atmosferică*, Simpozionul Mediul și industria, Institutul Național de Cercetare Dezvoltare pentru Ecologie Industrială București, 23-25 septembrie 1999, București

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

1. **Panaiteescu C.**, *Study on increasing the efficiency of biological treatment use new microorganism*, ELSE DIMA 2012, 25-27 OCTOMBRIE, 2012, CLUJ-NAPOCA
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