

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

A) Teza de doctorat

A1. Panaitescu Cașen, „*Studii privind separarea alchilenaminelor*”, Universitatea Petrol-Gaze din Ploiești, conducător științific: Prof. dr. ing. Costică STRATULA

B) CĂRȚI ȘI CAPITOLE ÎN CĂRȚI

B1. 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

B2. Panaitescu C., Coroziunea în extracția țițeiului și gazelor: Abordare practică. Editura Universității Petrol-Gaze din Ploiești, 2021, ISBN 978-973-719-828-0, 102 pagini

B3. Panaitescu C, Bomboș D., Optimizarea procesului de epurare: Soluții practice privind proiectarea stațiilor de epurare. Ediția a II-a revizuita, Editura Universității Petrol-Gaze din Ploiești, 2021, ISBN 978-973-719-827-3, 307 pagini

B4. Stoicescu M., Panaitescu C., Stoianovici D., Evaluarea zăcămintelor de ape subterane, Editura Universității Petrol-Gaze din Ploiești, 2021, ISBN 978-973-719-830-3, 540 pagini (64 p.)

B5. Panaitescu C, Bomboș D., Bioresurse: îndrumar de laborator, Editura Universității Petrol-Gaze din Ploiești, 2017, ISBN 978-973-719-693-4

B6. Panaitescu C, Tratarea apelor industriale (îndrumar de laborator), Editura Salt, Ploiești, ISBN 473-976-760-7-9

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

C1. Articole publicate în reviste cotate ISI

1. Duong ChiTrung, Trung ThanhPham, Quoc BinhPhanMinh, **Panaitescu C.**, Ngoc QuyenTran, Ha TuanAnh, Lai XuanBach, NamNguyen Dang, The use of Piper Betle leaf extract for forming a barrier layer on steel surface in hydrochloric acid solution, Progress In Organic Coatings, volume 158, 2021, Article Number 106340, ISSN:0300-9440
2. Le Van Sy; Phan Minh Quoc Binh; Lal, Bhajan; **Panaitescu C.** et al. The role of alloyed strontium in the microstructures and alkaline electrochemistry of Mg-5Al-4Sn alloys, RSC ADVANCES, Volume: 10 Issue: 57 Pages: 2020 34387-34395
3. Le Thanh Thanh, Nguyen Si Hoai Vu, Phan Minh Quoc Binh, Vinh Ai Dao, Vu Thi Hanh Thu, Pham Van Hien, **Panaitescu C.**, Nguyen Dang Nam, Combined

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4. **Panaiteescu C.**, Maria Stoicescu, Maria-Georgiana Ponea, Dumitru Nancu, Dang Nam Nguyen, Biomass valuation in the context of sustainable agricultural development in Romania, *Економика пољопривреде*, 2020, nr.3.

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6. Horvat, Aleksandra Marcikic; Radovanov, Boris; Popescu, Gheorghe H.Panaiteescu Caşen; et al., A Two-Stage Dea Model To Evaluate Agricultural Efficiency In Case Of Serbian Districts, *EKONOMIKA POLJOPRIVREDA-ECONOMICS OF AGRICULTURE*, 2019, Volume: 66 Issue: 4 Pages: 965-974

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19. **Panaiteescu, C.**, Bombos, M., Juganaru, T., Bombos, D., Vasilievici, G., Denitrification of Drinking Water by Hydrogenation over Pd Catalyst, *Revista de*

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 25. Strățulă, C., **Panaiteescu, 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 epichlorhidrinei din 1,2-dicloropropan prin fracționare], *Revista de Chimie*, 2005, 56, no.6, p. 677-681, ISSN 0034-7752
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 30. Panaiteescu C., **Popescu C.**, Dobre L., Popa M., Information Management for Monitoring Surface Water, 9-th IBIMA-Maroc, 5-6 ianuarie 2008, p. 1100-1103, ISBN-09753393-8-9(conferință indexată ISI)

C2. Articole publicate în reviste și volumele unor manifestări științifice **(in extenso)** indexate în alte baze de date internaționale **(necotate ISI)**

1. **Panaiteescu, C.**, Stoicescu M., MATEC Web of Conferences 342, 03021 (2021), UNIVERSITARIA SIMPRO 2021, Impact of hydrocarbons transport through pipes on placement areas, p1-7.

2. **Panaiteescu C.**, Improve Wastewater Treatment Methods from Brewing Industry, Rethinking Social Action. Core Values in Practice, 232-238, 2019, Editura Lumen
3. Buzoianu D.A., **Panaiteescu C.**, Management strategies applied in water stations used in the food industry in order to increase the quality of the biogas, SIMI PROCEEDINGS, SIMI 2019, ISSN: L-1843-5831-ONLINE, International Symposium "The Environment and the Industry", 26-27 September 2019, Bucharest, Romania, pp. 71-76
4. **Panaiteescu, C.**, Correlation between Biological Wastewater Treatment and Efficiency, Buletinul UPG, Seria Tehnica, vol. LX., No.4B/2008
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6. **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
7. **PANAITESCU C.**, STOICA Monica Emanuela, FEHIMAN Ciner, Non-Conventional Technologies for the Manufacturing Systems Use in Biological Wastewater Treatment Process, Applied Mechanics and Materials, ISSN: 1662-7482, Vols. 809-810, pp 1573-1578
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9. **Panaiteescu C.**, Petrescu M.G., Research about the Corosive Effects of FeCl₃ in the Aeration Wastewater Basin, **IOP Conference Series: Materials Science and Engineering**, Open Access Volume 295, Issue 119 February 2018 Article number 0120399th International Conference on Tribology, Balkantrib 2017, Cappadocia, Nevsehir 13 September 2017 through 15 September 2017, Code 135934
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11. **Panaiteescu, C.**, Study of wastewater treatment from ecological storage yard, Buletinul UPG Ploiesti, Seria Tehnica, vol LXII , No 3A/2010, p. 105
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13. **Panaiteescu, C.**, Considerații privind eliminarea selectivă a H₂S față de CO₂ din gazele naturale prin absorbție în etanolamine, Buletinul Universității "Petrol-Gaze" din Ploiești, vol. XL VII-L, Nr.14, ISSN 0376 4156, 1998
14. **Panaiteescu, 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.
15. **Panaiteescu 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,
16. **Panaiteescu 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
17. **Panaiteescu C.**, Constandache C., Using the Lechate Treatment Technologies for Fertilizers, International symposium “THE ENVIRONMENT AND THE INDUSTRY, SIMI 2018, PROCEEDINGS BOOK, p.170-175.

18. **Panaïtescu 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
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21. **Panaïtescu 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.
22. Constandache C., **Panaïtescu 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
23. **Panaïtescu C.**, Climate change impacts on surface water resources in ROMANIA, ICERE 2014, ISBN-10:1499567154, 7-8 Mai, Paris, Franta
24. **Panaïtescu, C.**, Aspecte economice privind eliminarea etilendiaminei din apele reziduale prin adsorbție pe diferite tipuri de carbune activ, A XV-a Conferința de Termotehnica cu participare internațională, 26-28 mai 2005, ISBN 973-742-089-6, editat pe CD, Craiova, 26-28 mai 2000
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34. **Panaïtescu C.**, The Possibility of Meeting University Studies by Migrants, 246-255, 2019, Editura Lumen, Rethinking Social Action. Core Values in Practice.

D) ALTE LUCRĂRI ȘI CONTRIBUȚII ȘTIINȚIFICE

D1. Participări la conferințe naționale de specialitate cu publicarea lucrărilor în extenso

1. **Panaïtescu C.**, *The effectiveness of utilization of floating dams in treating surface waters accidentally polluted with petroleum products*, SIGPROT 2010, ISSN2066-995x, p. 1576
2. **Panaïtescu C.**, Study for finding optimal solutions for sludge treatment, SIGPROT 2010 ISSN2066-995x, p. 1589
3. **Panaïtescu C.**, The influence of wastewater from the food industry upon the quality of the surface waters, SIGPROT 2010 ISSN2066-995x, p. 1576
4. **Panaïtescu C.**, The effectiveness of utilization of floating dams in treating surface waters accidentally polluted with petroleum products, SIGPROT 2010, ISSN2066-995x, p. 1582
5. **Panaïtescu 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
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8. **Panaïtescu C.**, Necesitatea tratarii apelor uzate de rafinarie in vederea refolosirii ca ape de proces, GEPROPOL 2009, 12-13 iunie 2009, Bucuresti, ISSN 2066-5725
9. **Panaïtescu C.**, Epurarea microbiologica- o soluție pentru reducerea concentratiei poluantilor din apele uzate de rafinarie, ISSN 2066-5725, GEPROPOL 2009, 12-13 iunie 2009, Bucuresti
10. **Panaïtescu 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
11. **Panaïtescu 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

D2. Participări la conferințe internaționale și naționale de specialitate fără publicarea lucrărilor în extenso sau fără indexare în baze de date internaționale

1. **Panaïtescu C.**, Study on increasing the efficiency of biological treatment use new microorganism, ELSEDIMIA 2012, 25-27 OCTOMBRIE, 2012, CLUJ-NAPOCA
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3. **Panaïtescu 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. **Panaïtescu C.**, Calitatea namolurilor depozitate in zona judetului Prahova, Conferinta- Solutii si tehnologii de eliminare si tratare a namolurilor, 5 decembrie 2012, NOVOTEL, Bucuresti.
 5. **Panaïtescu 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
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 7. **Panaïtescu 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
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 10. **Panaïtescu 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
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 13. **Panaïtescu C.**, The influence of Scada System on the Quality of treated water, Monitoring of Water Pollution and Wastewater Treatment, 21-23 Martie, Sinaia, Romania
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 16. **Panaïtescu C.**, Water vulnerability in Romania area, 19-20 March, Modena, knowledge transfer workshop and 2nd Plenary Workshop CC-WARE.
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