

## **LISTA DE LUCRĂRI**

*Chiș Timur-Vasile*

### **1° Teză de doctorat :**

***Cercetări asupra metodelor de calcul al conductelor submarine flexibile-Universitatea Petrol Gaze Ploiești, 2005.***

### **2° Lucrări cu caracter didactic (Edituri recunoscute CNCSIS):**

1. *Timur CHIȘ-Modelarea proceselor chimice, Note de curs*, Editura Pim, 2015, 221 pagini, ISBN: 978-606-13-2483-5,
2. *Garabet Gulbekian, Timur CHIȘ- Breviar de Mecanică Aplicată, Teorie și aplicații*, Editura Pim, 2015, 115 pagini, ISBN: 978-606-13-2284-8,
3. *Timur CHIȘ-Optimizarea proceselor chimice-Aplicații și probleme*, Editura Pim, 2011, 122 pagini, ISBN 978-606-13-0374-8.
4. *Timur CHIȘ-Mecanica fluidelor-Îndrumar de laborator*, Editura Pim, 2010, 160 pagini, I.S.B.N.973-606-13-0015-0.

### **3° Publicatii/lucrari majore (Edituri recunoscute CNCSIS):**

1. *Timur CHIȘ-Contribuții la studiul comportării conductelor flexibile*, Editura Ex Ponto Constanta, 2005, 155 pagini, I.S.B.N.973-644-398-1.
2. *Timur CHIȘ- Transportul produselor petroliere prin conducte, Îndrumar de proiectare*, Editura Pim, 2015, 317 pagini, ISBN: 978-606-13-2435-4,
3. *Timur CHIȘ –Optimizarea amestecurilor de petrol*, Editura Pim, 2018, 200 pagin (în curs de apariție)
4. *Timur CHIȘ- Pierderi de produse petroliere*, Editura Pim, 2018, 150 pagin (în curs de apariție)

### **4° Articole in extenso in volumele unor manifestari stiintifice internationale (Indexate ISI):**

1. *Viorel Ionescu, Timur Chis, Numerical analysis of a steam reformer tube for stationary fuel cell applications*, SGEM 2017, Varna, Bulgaria, 27 June-7 July 2017, Proceedings Conference ISSN 1314-2704, DOI:10.5593/sgem2016, (Conferinta inclusă în ISI Conference).
2. *Timur Chis, Viorel Ionescu, Renata Radulescu , Optimisation of oil products blending*, SGEM 2017, Varna, Bulgaria, 27 June-7 July 2017, Proceedings Conference ISSN 1314-2704, DOI:10.5593/sgem2016, (Conferinta inclusă în ISI Conference).

3. *Timur Chis, Renata Radulescu. Integrity assessment of offshore and onshore oil pipelines* 16 th International Scientific Conference, SGEM 2016, Varna, Bulgaria, 30 June-6 July 2016, Proceedings Conference ISSN 1314-2704, DOI:10.5593/sgem2016, (Conferinta inclusă în ISI Conference).
4. *Timur Chis, Renata Radulescu. Safety management of offshore oil and gas black sea structures*, 16 th International Scientific Conference, SGEM 2016, Varna, Bulgaria, 30 June-6 July 2016, Proceedings Conference ISSN 1314-2704, DOI:10.5593/sgem2016, (Conferinta inclusă în ISI Conference).
5. *Dumitru Anca Iuliana, Koncsag Claudia, Sterpu Ancaelena Eliza, Popovici Elena, Timur Chis The metal poisoning effect of performance of FCC catalysts under real operating condition*, 16 th International Scientific Conference, SGEM 2016, Varna, Bulgaria, 30 June-6 July 2016, Proceedings Conference ISSN 1314-2704, DOI:10.5593/sgem2016, (Conferinta inclusă în ISI Conference).
6. *Timur Chis. Modelling the chemical and physical properties of oil blend*, 15 th International Scientific Conference, SGEM 2015, Varna, Bulgaria, 18-24 June 2015, Proceedings Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference).
7. *Timur Chis. Heavy crude oil demulsifying through blending with diluent*, 15 th International Scientific Conference, SGEM 2015, Varna, Bulgaria, 18-24 June 2015, Proceedings Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference).
8. *Timur Chis, Ancaelena Eliza Sterpu, Claudia Irina Koncsag, Anca Iuliana Dumitru. Ease the Transport of Viscous Crude Oil by Pipeline through Performing Right Blending Recipes*, 14 th International Scientific Conference, SGEM 2014, Varna, Bulgaria, 17-25 June 2014, Proceedings Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference).
9. *Claudia Irina Koncsag , Ancaelena Eliza Sterpu, Anca Iuliana Dumitru Timur Chis. Olefins Production by Steam Cracking of Waste Vegetable Oil. Preliminary study*, 14 th International Scientific Conference, SGEM 2014, Varna, Bulgaria, 17-25 June 2014, Proceedings Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference).
10. *Ancaelena Eliza Sterpu Claudia Irina Koncsag, Anca Iuliana Dumitru ,Timur Chis, Reformulation of Gasoline with a Focus to the Vocs Emissions Mitigation*, 14 th International Scientific Conference, SGEM 2014, Varna, Bulgaria, 17-25 June 2014, Proceedings Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference).
11. *Timur CHIȘ, Determination of the Optimal Mixtures of Romanian Crudes Oil for Processing* , 12 th International Scientific Conference, SGEM 2012, Varna, Bulgaria, 17-23

- June 2012, Proceedings Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference), Vol.II, pg. 441-448 .
12. *Timur CHIȘ*, **Determination Oil Polluants to Groundwater and Surface Soils**, 11 th International Scientific Conference, SGEM 2011, Varna, Bulgaria, 20-24 June 2011, Proceedings Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference), Vol.III, pg.261-268.
  13. *Timur CHIȘ*, **The Roumanian Oil Clasification**, 11 th International Scientific Conference, SGEM 2011, Varna, Bulgaria, 20-24 June 2011, Proceedings Conference ISSN 1314-2704 (Conferinta inclusă în ISI Conference), Vol.I, pg.1277-1284.
  14. *Timur CHIȘ*, **Environmental Management System of Offshore Oil and Gas Production**, 10 th International Scientific Conference, SGEM 2010, Varna, Bulgaria, 20-26 June 2010, Proceedings Conference ISBN 95491.81.81.-2 Vol. I., pg. 715-718 (Conferinta inclusă în ISI Conference).
  15. *Timur CHIȘ*, **The Life Cycle of Offshore Systems**, 10 th International Scientific Conference, SGEM 2010, Varna, Bulgaria, 20-26 June 2010, Proceedings Conference ISBN 95491.81.81.-2 Vol. I, pg. 739-744 (Conferinta inclusă în ISI Conference).
  16. *Timur CHIȘ*, **Hydraulics of Tsumani**, 8 th International Scientific Conference, SGEM 2008, Varna, Bulgaria, 16-20 June 2008, Proceedings Conference ISBN 954918181-2, Vol. II, pg. 419-425 (Conferinta inclusă în ISI Conference).
  17. *Timur CHIȘ*, **Offshore pipeline vortex shedding analysis**, 8 th International Scientific Conference, SGEM 2008, Varna, Bulgaria, 16-20 June 2008, Proceedings Conference ISBN 954918181-2, Vol. II, pg. 425-434 (Conferinta inclusă în ISI Conference).

#### **5° Articole în extenso în volumele unor manifestări științifice internaționale:**

1. *Timur CHIȘ*, *George RUCAREANU*, *Cristian POPESCU*-**Danube Croassing Pipeline-Complex Rehabilitation system philosophy**-International Symposium on Refurbishment of submarine pipelines and risers, Cyprus, 8-10 december, 1998, Proceedings Conference, London 1998, 6 pg.
2. *Timur CHIȘ*, *Cristian Popescu*-**Concepts in Romanian's imported oil pipeline rehabilitation, International Conference and Exhibition**, Abu Dhabi, 3-6 may, 1997, Proceedings Conference, London 1997, 6 pg.
3. *Timur CHIȘ*-**Pipeline abandonment-A Romanian Experience**, International Pipeline Conference, Calgary, Canada, 9-14 June, 1996, Proceedings of the International Pipeline Conference, ASME, ISBN 079187679, New York, 1996, 1 pg.

4. **Timur CHIȘ-Liquid Pipeline Accident Statistics Base for Pipeline Rehabilitation**, International Pipeline Conference, Calgary, Canada, 9-14 June, 1996, Proceedings of the International Pipeline Conference, ASME, ISBN 079187679, New York, 1996, 6 pg, pg 319-327.
5. **Timur CHIȘ-Pipeline Stability in Erosion Area, International Pipeline Conference**, Calgary, Canada, 9-14 June, 1996, Proceedings of the International Pipeline Conference, ASME, ISBN 079187679, New York, 1996, 3 pg.
6. **Timur CHIȘ-Reaction of the oil pipeline onshore and offshore trading and transporting system during transit from the Communist Centralised Economy to the Market Economy-** The 2-nd Australian International Oil, Gas & Petrochemical Exhibition and Conference, Melbourne Australia, 23-26 November, 1993, Proceedings abstract conference, Melbourne 1993, 1 pg.

**6° Articole în rezumat în volumele unor manifestări științifice internaționale:**

1. **Timur CHIS, Erdin FEIZULA, PREDICTION OF OIL BLENDING PROPERTIES** International Conference CHIMIA 2016 “NEW TRENDS IN APPLIED CHEMISTRY”, May 24 – 26, 2018, ISSN 2360-3941 , OVIDIUS UNIVERSITY PRESS, CONSTANȚA 2016.
2. **Timur CHIS, Dorina URSEA, DIESEL BLENDING PROPERTIES PREDICTION** International Conference CHIMIA 2016 “NEW TRENDS IN APPLIED CHEMISTRY”, May 24 – 26, 2018, ISSN 2360-3941 , OVIDIUS UNIVERSITY PRESS, CONSTANȚA 2016.
3. **Timur CHIS, Multi-objectiv planning of the petroleum product transportation in a single pipeline system**, International Conference CHIMIA 2016 “NEW TRENDS IN APPLIED CHEMISTRY”, May 26 – 28, 2016, ISSN 2360-3941 , OVIDIUS UNIVERSITY PRESS, CONSTANȚA 2016.
4. **Timur CHIS Optimisation of pipeline crude oil network with genetic algorithm**, International Conference CHIMIA 2016 “NEW TRENDS IN APPLIED CHEMISTRY”, May 26 – 28, 2016, ISSN 2360-3941 , OVIDIUS UNIVERSITY PRESS, CONSTANȚA 2016.
5. **Timur CHIȘ , A review of mathematical optimization, applications of transport theory** International Workshop “FOOD CHEMISTRY & ENGINEERING”, 15 May 2015, Constanta, ROMANIA,
6. **Timur CHIȘ , A review of mathematical optimization applications of diet theory**, International Workshop “FOOD CHEMISTRY & ENGINEERING”, 15 May 2015, Constanta, ROMANIA,
7. **Timur CHIȘ – Desulphurisation waste gases from industrial processes**, 1st International Colloquium Energy and Environmental Protection, 20-21 November 2014, Ploiesti, ROMANIA,

8. **Timur CHIȘ -Numerical modeling of the process of displacement of oil product water wet**, 1st International Colloquium Energy and Environmental Protection, 20-21 November 2014, Ploiesti, ROMANIA,
9. **Timur CHIȘ- Modeling the chemical and physical analysis properties of blend oil**, International Conference CHIMIA 2014 “NEW TRENDS IN APPLIED CHEMISTRY”, May 23 – 24, 2014 Constanta, ROMANIA .
10. **Timur CHIȘ- Heavy crude oil demulsifying through blending with diluent**, International Conference CHIMIA 2014 “NEW TRENDS IN APPLIED CHEMISTRY”, May 23 – 24, 2014 Constanta, ROMANIA .
11. **Timur CHIȘ- Chemical in offshore Oil and Gas Industry**, International Workshop New trends in Oil, Gas and Petrochemical Industry, Constanta, 24-25 May 2013, ISBN **978-973-614-776-0**,
12. **Timur CHIȘ- Bio-oil transport. A technico-economic study**, International Workshop New trends in Oil, Gas and Petrochemical Industry, Constanta, 24-25 May 2013, ISBN **978-973-614-776-0**,
13. **Timur CHIȘ- Emulsification of heavy crude oil in water for pipeline transportation**, International Workshop New trends in Oil, Gas and Petrochemical Industry, Constanta, 24-25 May 2013, ISBN **978-973-614-776-0**,
14. **Timur CHIȘ- New technology for transporting of oil viscous and frozen**, International Conference CHIMIA 2012 “NEW TRENDS IN APPLIED CHEMISTRY”, May 24 – 26, 2012, Constanta, ROMANIA .
15. **Timur CHIȘ- Determination of good mixtures for processing to Brazi Refinery**, International Conference CHIMIA 2012 “NEW TRENDS IN APPLIED CHEMISTRY”, May 24 – 26, 2012, Constanta, ROMANIA .

#### 6° . **Articole in reviste recunoscute CNCSIS tip B+:**

1. **Timur Chis-Danube Croasing pipeline complex rehabilitation**, *Buletinul AGIR, supliment an XXI, nr.3-2016*, ISSN-L 1224-7928, 4 numere pe an  
BDI: [INDEX COPERNICUS INTERNATIONAL](#), [ACADEMIC KEYS](#), [getCITED](#)  
Online: ISSN 2247-3548,
2. **Alina-Georgiana Ciufu, Timur Vasile Chis, Tănase Dobre**, Adsorption of crude oil using biosorbents in accidental oil spills, *Bulletin of Romanian Chemical Engineering Society*, Vol 2, Nr 2, 2015, ISSN 2360-4697, pg.46-51,
3. **Timur Chiș- Oil transport environment- energy relation**, *Ecoterra JOURNAL OF ENVIRONMENTAL RESEARCH AND PROTECTION*, Printed ISSN: 1584-7071 Online ISSN: 2248-3128 2015, Volume 12, Issue 2,

4. *Alina-Georgiana Ciufu, Timur Vasile Chis, Application of natural sorbents in oil spill cleanup*, Bulletin of Romanian Chemical Engineering Society, Vol 1, Nr 2, 2014, ISSN 2360-4697, pg.15-28,
5. *Timur Chiş-Numerical Modeling of the Process of Displacement of Oil Product Water wet Soil*, ANNALS OF FACULTY ENGINEERING HUNEDOARA, – INTERNATIONAL JOURNAL OF ENGINEERING, Tome XII Year 2014 Fascicule 4 [November], pg.397-399,
6. *Timur Chiş- Desulphurisation waste gases from industrial processes*, *Journal of Science and Arts*, ISSN 1844-9581, EISSN 2068-3049, Anul 14, Vol.II (27), pg.159-162,
7. *Timur Chis, Ramona Popescu, Effects of Natural Absorbant to the Oil, Gasoline and Diesel Soil Polution* – ANNALS OF THE UNIVERSITY OF PETROSANI MINING ENGINEERING VOL.13-2012, ISSN 1454-9174, pg.303-307,
8. *Timur Chiş- Exploitation of oil and gas deposits in the black sea, Environmental impact of sesimic activity*, Constanta Maritime University Annals, Editura Nautica, 2011, ISSN 1582-3601, YEAR 12, ISSUE 16, pg.113-116,
9. *Timur Chiş- Computer Systems to Oil Pipeline Transporting* , Annals University Tibiscus Computer Science Series V (2007), pg. 35-44,
10. *Timur Chiş- Pipeline leak detection techniques* , Annals University Tibiscus Computer Science Series V (2007), pg. 25-34,
11. *Timur Chiş- Danube croasing pipeline rehabilitation*, Constanta Maritime University Annals, Editura Nautica, 2007, ISSN 1582-3601, YEAR 8, ISSUE 10, pg.115-120,
12. *Timur Chiş- Offshore cable vortex shedding analysis*, Constanta Maritime University Annals, Editura Nautica, 2006, ISSN 1582-3601, YEAR 7, ISSUE 9,pg.123-128,
13. *Timur Chiş -Submarine Pipeline Design*, Annals of the Oradea University, Fascicle of Management and Technological Engineering, Volume VI (XVI) 2007, ISSN 1583-0691, Clasa B+ CNCSIS, pg 617-625.
14. *Timur Chiş-The Mechanics of Pipeline Reeling*, Annals of the Oradea University, Fascicle of management and Technological Engineering, Volume VI (XVI) 2007, ISSN 1583-0691, Clasa B+ CNCSIS, pg.626-632,
15. *Timur CHIŞ- Corellation of the criteria similitudines*, Fascicle of management and Technological Engineering, Volume V (XV) 2006, ISSN 1583-0691, Clasa B+ CNCSIS, pg 493-498.
16. *Timur CHIŞ- The friction factor analysis*, Annals of the Oradea University, Fascicle of management and Technological Engineering, Volume V (XV) 2006, ISSN 1583-0691, Clasa B+ CNCSIS, pg 499-504.

17. *Timur CHIȘ- Efectul vârtejurilor asupra conductelor submarine*, Annals of the Oradea University, Fascicle of management and Technological Engineering, Volume IV (XIV) 2005, ISSN 1583-0691, Clasa B+ CNCSIS, pg. 57-58.
18. *Timur Chiș-Efectele poluării cu petrol asupra solurilor dobrogene*, Revista Lucrări Științifice, Anul XLVIII, Vol 1 (48), Seria Agronomie, Editura Ion Ionescu de la Brad, Iași 2005, ISSN 1454-7414, Clasa B+, CNCSIS, S02-L11.
19. *Timur Chis -Costurile poluării accidentale cu petrol*, Revista Lucrări Științifice, Anul XLVIII, Vol 1 (48), Seria Agronomie, Editura Ion Ionescu de la Brad, Iași 2005, ISSN 1454-7414, Clasa B+, CNCSIS, S02-L12.

**6° .Articole în extenso în volumele unor manifestări științifice naționale:**

1. *Timur CHIȘ- The life cycle as a offshore pipeline*, INTERNATIONAL CONFERENCE of SCIENTIFIC PAPER , AFASES 2015 Brasov, 28-30 May 2015, ISSN, ISSNL 2247-3173, Vol II, pg.547-550,
2. *Timur CHIȘ- Properties evaluation of biodiesel fuel mixtures*, INTERNATIONAL CONFERENCE of SCIENTIFIC PAPER , AFASES 2012 Brasov, 24-26 May 2012, ISSN, ISSNL 2247-3173,
3. *Timur CHIȘ- A study of biological decontamination of fuel aviation fighting*, INTERNATIONAL CONFERENCE of SCIENTIFIC PAPER , AFASES 2012 Brasov, 24-26 May 2012, ISSN, ISSNL 2247-3173,
4. *Timur Chiș, Jelescu Stefan, Environmental Impact of Seismic Research Works for Oil and Gas Deposits in the Black Sea* , International Conference Air and water, Cluj Napoca, 23-24 martie 2012, ISSN 2067-743 X,
5. *Timur Chis-Corelații între criteriile de similitudine*, Sesiunea de Comunicării Științifice cu participare internațională, „Educația și cercetare științifică la standarde europene” Brașov 11-12 mai 2007, Editura Academiei Forțelor Aeriene ,”Henri Coandă”, Brașov ISBN 978-973-8451-45-4
6. *Timur Chis-Analiza factorului de frecare la curgerea fluidelor*, Sesiunea de Comunicării Științifice cu participare internațională, „Educația și cercetare științifică la standarde europene” Brașov 11-12 mai 2007, Editura Academiei Forțelor Aeriene ,”Henri Coandă”, Brașov ISBN 978-973-8451-45-4.
7. *Timur Chis-Risk Management*, Conferința științifică internațională, „Organizația bazată pe cunoaștere” Sibiu 11-14 Iunie 2007, Editura Academiei Forțelor de Uscaț, ”Nicolae Bălcescu”, Sibiu, ISBN 978-973-7809-71-1, pg 280-287.

8. **Timur Chis-Fiberglass reinforced plastic pigging systems**, Conferința științifică internațională, „Organizația bazată pe cunoaștere” Sibiu 11-14 Iunie 2007, Editura Academiei Forțelor de Uscaț, „Nicolae Bălcescu”, Sibiu, ISBN 978-973-7809-71, pg. 288-294.
9. **Timur Chis-Cost estimating for oil spill pipelines**, Conferința științifică internațională, „Organizația bazată pe cunoaștere” Sibiu 23-25 noiembrie 2006, Editura Academiei Forțelor de Uscaț, „Nicolae Bălcescu”, Sibiu, ISBN 978-973-7809-51-3, pg 79-84.
10. **Timur Chis-Pipeline risk management**, Conferința științifică internațională, „Organizația bazată pe cunoaștere” Sibiu 23-25 noiembrie 2006, Editura Academiei Forțelor de Uscaț, „Nicolae Bălcescu”, Sibiu, ISBN 978-973-7809-51-3, pg 85-92.
11. **Timur Chis- EVALUAREA RISCULUI DE POLUARE CU HIDROCARBURI SI A INDICILOR DE VULNERABILITATE A LITORALULUI ROMANESC**, Proceedings of the 3rd International scientific conference ECO TREND 2006, ”Economics and Globalization” Târgu Jiu 24-26.11.2006, Editura Universitaria Craiova ISBN 978-973-742-321-1.
12. **Timur Chis- COSTURILE POLUĂRII ACCIDENTALE CU PETROL**, Proceedings of the 3rd International scientific conference ECO TREND 2006, ”Economics and Globalization” Târgu Jiu 24-26.11.2006, Editura Universitaria Craiova ISBN 978-973-742-321-1.
13. **Timur CHIS-Managementul combaterii poluarii cu petrol**-Sesiunea Internațională de Comunicări Științifice „Integrare și Globalizare”, 15-16 aprilie 2005, Editura Universității din Pitești, ISBN 973-690-387-7.4.

#### **7°Participări la stagii de pregătire și vizite la firme din străinătate**

- 1993-Northern Ocean Services Ltd.Middlesborough, UK 1 iunie-1 septembrie-Training engineer in Offshore Oil and Gas Pipeline.
- 1998-Schuck GmbH. Hungary-1 septembrie-8 septembrie-Training engineer in Oil and Gas Pipeline Cathodic Protection.
- 2006-Vancouver Canada-1 martie-10 martie CONPET stand exposition deputy manager Globe exposition 1996.
- 2010- University PARIS XII VAL DE MAR, -Training study 1.11.2010-10.11.2010.
- 2014- Rosen Group Holland, Training study, 1-5.6.2014,
- 2015- Rosen Group Germany, Training study, 1-5.6.2016,

#### **8°Discipline predate**

1. Utilaje de transfer de caldura, TPPP anul IV, Universitatea Ovidius
2. Proiectarea, controlul și siguranța instalațiilor din industria chimică, masterat Management în petrol și petrochimie, anul I, Universitatea Ovidius



3. Optimizare proceselor tehnologice din industria chimica, TPPP anul IV, Universitatea Ovidius
4. Optimizarea proceselor din industria alimentara, Chimie alimentara, anul III, Universitatea Ovidius
5. Automatizare proceselor industriale, Chimie alimentara, anul III, Universitatea Ovidius
6. Automatizare proceselor industriale, TPPP anul III, Universitatea Ovidius
7. Transportul produselor petroliere, TPPP anul III, Universitatea Ovidius
8. Modelarea proceselor chimice dinamice, masterat Management in petrol si petrochimie, anul I, Universitatea Ovidius
9. Modelarea proceselor chimice statice, TPPP anul IV, Universitatea Ovidius
10. Rezistenta materialelor și teoria elasticitatii, IEDM si AR IFR, Universitatea Ovidius
11. Forajul sondelor marine, III UIPM, Universitatea Ovidius
12. Structuri marine moderne, III UIPM, Universitatea Ovidius
13. Drilling of offshore engineering, II master Universitatea Maritima Constanta,
14. Advanced of Offshore Engineering Design, I master Universitatea Maritima Constanta

#### 9°Seminarii sustinute

1. Proiectarea instalatiilor din industria chimica, masterat Management in petrol si gaze, Universitatea Ovidius
2. Optimizare proceselor tehnologice din industria chimica, TPPP anul IV, Universitatea Ovidius
3. Optimizarea proceselor din industria alimentara, Chimie alimentara, anul III, Universitatea Ovidius
4. Simularea proceselor din industria chimica, TPPP anul IV, Universitatea Ovidius
5. Transfer de căldură, TPPP anul III,

#### 10°Citari

1. *Timur Chiş*-**The Mechanics of Pipeline Reeling**, Annals of the Oradea University, Fascicle of management and Technological Engineering, Volume VI (XVI) 2007, ISSN 1583-0691, Clasa B+ CNCSIS.

**Citat de:**

- Jan Buijvoets - **Offshore O-lay pipe laying- 6th Pipeline Technology Conference 2011**,

2. Timur Chis, "**Pipeline Leak Detection Techniques**", Annals. Computer Science Series, 5th Tome 1st fasc. -2007

Citat de:

- Ronggen Yang, Mingwu Ren, „*A New Leak Detection Scheme for Crude Oil Transmission Pipeline*”, Journal of Computational Information Systems 7: 8 (2011) 2820-2827,
- Gerry Angevine , Vanadis Oviedo, „*Ensuring Canadian Acces to Oil Markets in the Asia-Pacific Region* ”, Studies in **ENERGY POLICY** July 2012,
- Dr. Zhiyuan Chen, Maryam Temitayo, Prof. Dino Isa, “*Pipe Flaws Detection by Using the Mindstorm Robot*” -International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622 www.ijera.com Vol. 2, Issue 6, November- December 2012, pp.569-574,
- Shanese Crosby, Robin Fay, Colin Groark, Ali Kani, Jeffrey R. Smith, Terry Sullivan „*Transporting Alberta’s Oil Sands Products: Defining the Issues and Assessing the Risks*”, 2012 **Canada Gouvernment Report**,
- S Ibrahim, NS Zahidin, MAM Yunus-*Determination of Pipe Deformity Using An Ultrasonic System*, - Insight - Non-Destructive Testing and Condition Monitoring, Volume 55, Number 7, July 2013, pp. 372-381(10),
- Junru Wang, Tao Wang, Junzheng Wang, „*Hybrid modelling for leak detection of long-distance gas transport pipeline*”, Insight - Non-Destructive Testing and Condition Monitoring, Volume 55, Number 7, July 2013 , pp. 372-381(10)
- McKinnon, Sean, *An Experimental Analysis of a Passive Pipeline Leak Detection Method* Thesis, 2014, University of Calgary,
- Kaushik Parmar and Simon Park**, *Direct Hydrocarbon Leakage Detection of Pipelines Using Novel Carbon Nanotube Nanocomposites* ,**10th International Pipeline Conference Volume 1: Design and Construction; Environment; Pipeline Automation and Measurement**, Calgary, Alberta, Canada, September 29–October 3, 2014 ISBN: 978-0-7918-4610-0.
- NF Adnan, MF Ghazali, M Amin, A Malik, A Ariffin** - *Leak Detection in MDPE Gas Pipeline using Dual-Tree Complex Wavelet Transform* - 2014 - **ajbasweb.com**
- TG Mamo, I Juran, I Shahrouf**, “*Virtual DMA Municipal Water Supply Pipeline Leak Detection and Classification Using Advance Pattern Recognizer Multi-Class SVM*”, **Journal of Pattern Recognition Research**, 2014 - **jpr.org**,
- Oyedeko K.F.K., Balogun H.A** *Modeling and Simulation of a Leak Detection for Oil and Gas Pipelines via Transient Model: A Case Study of the Niger Delta*, **Journal of Energy Technology and Policy**, vol.5, nr.1, 2015,
- **K Parmar, C Park, S Park**, *Robust Direct Hydrocarbon Sensor Based on Novel Carbon Nanotube Nanocomposites for Leakage Detection*, **11th International Pipeline Conference-2016**, **asmedigitalcollection.asme.org**

- Udoinyang G. Inyang, Samuel S. Udoh, Oluwole C. Akinyokun, *Comparative Analysis of Neural Network Models for Petroleum Products Pipeline Monitoring*, Studies in Engineering and Technology Vol. 4, No. 1; August 2017 ISSN 2330-2038 E-ISSN 2330-2046,

### **11°Referent article internationale**

-2014\_JAERI\_12335-*The Impact of Gas Flaring on Plant Diversity in Ibeno Local Government Area, Akwa-Ibom State, South-South, Nigeria*. Journal of Agriculture and Ecology Research International, 25.7.2014,

-2014\_BJAST\_15531 *Comparison of the Quantities of Gas Flared by the Joint Venture Companies in Nigeria*, British Journal of Applied Science & Technology,

-2015\_BJAST\_17383 *Climate Change Modeling On Slope Stability* British Journal of Applied Science & Technology, British Journal of Applied Science & Technology,

- 2015\_BJAST\_18348 *Global Optimisation of Gasoline Pool Blending Using Constraint Partitioning* , British Journal of Applied Science & Technology,

- **2015** Ms\_BJAST\_18740 , *An Approach for Compressibility (Z) Factor Determination*, British Journal of Applied Science & Technology,

- 2015\_JACSI\_1039, *Cementation factor affect on water saturation in different formations " reservoir case study*, *Journal of Applied Chemical Science International*

- 2015 MS\_JOBARI\_2625, *Transesterification of waste cooking oil using anthill as catalyst*, *Journal of Basic and Applied Research international*,

-2015 Ms\_JSRR\_21053, *Determination of the Effect of Oil Exploration on Galvanized Steel in Niger Delta, Nigeria*, *Journal of Scientific Research and Reports*

-2015 Ms\_ACSJ\_23144, *Synthesis of new N-substituted nalidixic acid hydrazide derivatives*, *American Chemical Science Journal* ,

-2016 Ms\_BJAST\_24027, *Study of Flare Reduction Initiative in the region and design a proposal for Flaring reduction at Oman Liquefied Natural Gas Company*, *British Journal of Applied Science & Technology* ,

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