

## CURRICULUM VITAE

**TASSALIT Djilali** تساليت جيلالي

Doctorate of Science in Engineering Processes/ Research Director  
Director of the Technological Development and Innovation Directorate  
General Directorate for Scientific Research and Technological Development  
DGRSDT-MESRS.

Date and place of birth: January 01, 1978 - Miliana

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### EDUCATION

- 2017 Ability to conduct research, Engineering Processes (Habilitation Universitaire, Génie des procédés) from the University of Blida 1, Algeria.
- 2013 Doctorate of Science, Process Engineering. Option: Energetic processes (Energétique des procédés). University: Houari Boumedién University of Sciences and Technology (Bab Ezzouar), Algiers, Algeria.
- 2008 Magister, Process Engineering. Option: Energetic processes (Energétique des procédés). University Houari Boumedién University of Sciences and Technology (bab ezzouar), Algiers, Algeria.
- 2005 Engineer: Chemical Engineering (*Génie Chimique*) - Industrial Chemistry. University Houari Boumedién University of Sciences and Technology (Bab Ezzouar), Algiers, Algeria. 1998-2001 Applied Chemistry University Houari Boumedién University of Sciences and Technology (Bab Ezzouar), Algiers, Algeria.
- 1997 Baccalaureate, Mechanical Engineering, Ferroukhi Sigh School- Miliana.

### PERSONAL SKILLS AND LANGUAGES

- **Computer science:** Windows, Word, Excel, power point. Office.
- **Software:** Access, MODD 6, SUMO, Remote sensing (remote sensing softwares).
- **Analysis methods:** (CPG, HPLC, UV-Visible, TOC, BOD, COD ..).

### WORK EXPERIENCE

Since October 2021

**Director of the Technological Development and Innovation Directorate  
DDTI-DGRSDT.**

2020-2021  
UDES EPST CDER

☐ **Director of the Development Unit of the Solar Equipment, UDES,  
Renewable Energy Development Center, CDER-Algeria.**

**2017 -2020**

Seawater and Brackish Water Desalination Team/EVER, UDES EPST CDER

❑ **Seawater and Brackish Water Desalination Team Leader / Research Associate A.**

- Development of technology using solar energy for the desalination of seawater and brackish water using membrane techniques and thermal processes.
- Integration of renewable energies in the desalination processes.
- Development of low environmental impact technologies.
- Design and sizing of large-scale prototypes based on models developed within the research team.

**2014-2017**

Wastewater Treatment and Valorisation Team/EVER, UDES EPST CDER.

❑ **Senior Researcher B, Wastewater Treatment and Valorisation Team**

- Treatment of wastewater using renewable energies coupled with conventional and new developed processes.
- Development of wastewater treatment prototypes using advanced oxidation processes.
- Integration of renewable energies in the field of water treatment and water reuse.

**2011-2014**

Wastewater Treatment and Valorisation Team/EVER, UDES EPST CDER. EPST CDER.

❑ **Research associate**

- Water treatment by solar photocatalysis in the presence of nanoparticles.
- Solar distillation for the production of drinking water.
- Discoloration of wastewater from the textile industry by solar and artificial ultraviolet.

**2009-2011**

National Office for Explosive Substances ONEX-MDN.

❑ **Head of Manufacturing Processes Division for civil explosives**

- Management of the explosive production plant and optimization of the process and safety measures.
- Lead a team of engineers, technicians and skilled workers.
- Development of production, safety and personnel management programs for the production unit.

**2006-2009**

National Office for Explosive Substances - ONEX-MDN

❑ **Head of Standardization Department / Head of Production and Supply Programming Department.**

- Establish safety standards for the production and storage of explosives.
- Supply of raw materials and management of consumption.
- Control the standards and quality of raw materials and finished products.
- Market research and development of investment programs and annual budgets.

## TEACHING EXPERIENCE

2016-2017: Renewable energies, El-Harrach Military Material School.

2016-2017: Plan of experiments, Faculty of Process Engineering, USTHB-Alger.

2014-2017: Powders and explosives, El-Harrach military equipment school.

2015-2017: TP Organic Chemistry and Chemical Kinetics, Military School of El-Harrach.

2014-2015: Unit operations of chemical engineering, Faculty of Process Engineering, USTHB-Alger.

2013-2014: TP Electrochemistry, El-Harrach Military Equipment School.

## **ADMINISTRATIVE RESPONSIBILITIES AND VOCATIONAL TRAINING**

### **○ ADMINISTRATIVE RESPONSIBILITIES**

- Director of the Development Unit of Solar Equipment, UDES, Renewable Energy Development Center, CDER.
- Chairman of the public procurement commission, Center for the Development of Advanced Technologies (CDTA).
- Pedagogical and academic expert in equivalence commission of foreign higher education diplomas with Algerian higher education diplomas-Sub-directorate of Equivalences- MESRS.
- Member of the scientific council of EPST CDER.
- Desalination / UDES-CDER team leader.
- Chairman of the joint committee of permanent researchers of the EPST CDER 2014-2017.
- Member of the UDES EPST CDER recruitment committee.
- Chairman of the committee of internships and international visits and internships.
- Algerian contact point for ERANETMED Projects (DGRSDT).
- Head of the ONEX Standardization Department, National Office for Explosive Substances.
- Head of the production division National Office for Explosive Substances.
- Member of the scientific council of the Military Equipment School of Elharrach (2016-2017).
- Member of the national network of chemical analysis and control "RESANAL"
- Member of the AlphyNet network.
- Member "Eropean-Environment-Foundation".
- Member of the African membrane society.
- Member of the international association of scientific researchers.
- Member of the CFD, Mechanical Engineering University of Blida (2019-2021).
- Member of the CFD, Chemical Engineering, Process Engineering, USTHB (2019-2020).
- Member of several organizing committees and scientific committees of national and international conferences.

### **○ TRAINING**

- Training on solar thermal techniques for the distillation of seawater and brackish water- Almeria, Spain (2019)
- Training in China on technological processes for manufacturing explosives and industrial security (China 2009).
- Training on SUMO software for the sizing of UNESCO wastewater treatment plants (2019).
- Training in remote sensing "Remote sensing for water management" -UNESCO (October 2019)
- Training on the application of renewable energies for the treatment of wastewater by synthesized nanoparticles, under the supervision of Drs. Abbas Ahmed Khalil and Muhammad Abdul Rauf, professors in the Department of Chemistry at the University of the United Arab Emirates, in 2014.

## SCIENTIFIC ACTIVITIES

### A. Research Projects

1. 2020-2022: Member of an Algerian-Tunisian cooperation project

Project title: "Design and Optimization of an Eco-innovative and perfectly Profitable Process based on membrane technology for the treatment of effluents from a soap factory for sustainable reuse" COPERER ""

2. 2014-2019: Member of the ERANETMED SetpROPER Project.

Project title: "Sustainable Industrial Treatment Processes of Effluents for Water Reuse in Agriculture".

3. 2010-2014: Member of the FP7 "WATERBIOTECH" project.

Project Title: Biotechnology for Drinking Water Supply in Africa. Grant Agreement Number: 265972.

4. 2013-2016: Coordinator of an Algerian-Tunisian cooperation project.

Project title: Design and implementation of a hybrid photocatalytic system for the treatment of pharmaceutical and phytosanitary discharge wastewater.

5. 2012-2014: PNR (National Research Project).

Project title: Design and implementation of a new photocatalytic reactor. Application of advanced oxidation processes for the treatment of emerging contaminants:

### 6. Intern Research projects – UDES/CDER

- 2017-2020:

- Development of technology using solar energy for the desalination of brackish water using membrane techniques and thermal processes.

- Design, construction and performance evaluation of urban and industrial wastewater micro-stations operating using renewable energies.

- 2014-2016: Design and production of a new fixed bed photoreactor for the degradation of organic pollutants in water.

- 2014-2016: Application of renewable energies and natural processes for the treatment of wastewater.

### B. National patents «INAPI »

1. Sterilization cabinet with UVC lamps for medical applications "Patent INAPI, 07.06.2020, Filing number: 200300.

2. Modular glass belt conveyor for the UVC sterilization of industrial chain products "Patent INAPI, 03.09.2020, Filing number: 200459.

3. Smart kit for mobile disinfection of surfaces by ultraviolet germicidal irradiation (UVSHIELD-20), INAPI, n °: 07/06/2020.

4. Hybrid UVGI disinfection system for surfaces and air in an ambulance sanitary cell (UV HORN-20).

5. High performance multi-stage still. Filing number: 120011, Filing date: 04/01/2012.
6. Tubular photoreactor for water disinfection. Filing number: 120486, Filing date: 07/08/2012,
7. Hybrid photoreactor for the treatment of organic effluents. Filing number: 140069, Filing date: 05/02/2014.

### C. Thesis Supervision

#### ○ Doctorants

1. Thesis supervision of the student: FATMA KESR, doctoral student at USTHB, "Development and characterization of mineral ultrafiltration membranes based on local clay: Application for the pre-treatment of seawater desalination processes".
2. Co-supervisor of the doctoral student's thesis: LAKREDER Hamida Karima, University of Chlef "Development of new nanomaterials for the treatment of waste water by solar photocatalysis".
3. Co-thesis supervisor: ALMI Maroua, doctoral student at USTHB, "Application of sustainable techniques and renewable energy sources in the treatment of leachate".
4. Co-thesis supervisor: MEHENAOUI Medina, doctoral student at USTHB, "Green synthesis of metallic nanoparticles for industrial and environmental applications".

#### ○ Master

1. Mouzaoui Osama. Photodegradation of organic pollutants (acetamiprid) in water using suspended TiO<sub>2</sub> semiconductors. Chemical Engineering, Option: Catalytic Engineering, Saad Dahleb University of Blida, 2014.
2. Seif El Islam Lebouachera and Dechir Sylia. Use of a fixed bed photoreactor for the treatment of water polluted by organic compounds. Industrial process engineering, Houari Boumediene University of Science and Technology - USTHB, 2015.
3. Kaira Douadi and Lelia Fellah. Treatment of water polluted by dyes using a coupled photocatalysis / freezing system. Industrial process engineering, Houari Boumediene University of Science and Technology - USTHB, 2015.
4. Bradai Manel and Kissarli Abd Elhakim. Design, construction and development of a new solar photoreactor for the treatment of bio-recalcitrant pollutants. Industrial process engineering, Houari Boumediene University of Science and Technology - USTHB, 2016.
5. Smail Nouissi and Amazigh Brahim. Study of coupled adsorption / photocatalysis processes for the treatment of polluted water in a fixed bed reactor. Industrial process engineering, Houari Boumediene University of Science and Technology - USTHB, 2016.
7. Bouriche Ibrahim, Messaoudene Hichem, Treatment of water from the petroleum industry by photocatalysis. Option: Cryogenics and Refrigeration, Industrial process engineering, Houari Boumediene University of Science and Technology - USTHB, 2018.
8. Ganibardi Khadidja, Treatment of water discharged by the textile industry by coupling adsorption processes and photocatalysis. Process engineering, University of Blida, 2018.
9. Rabehi Farah Karima, Lamani Lilia, Realization of a pre-treatment system by filtration on

granulated activated carbon for the desalination of seawater. Industrial process engineering, Houari Boumediene University of Science and Technology - USTHB, 2019.

○ **Engineer**

1. Aiche Zulikha. Application of photocatalysis to the degradation of recalcitrant pollutants in water using solar energy. Chemical Engineering, Houari Boumediene University of Science and Technology - USTHB, 2014.

○ **Licence**

1. Student officers: Derghoum Elhachemi and Bennaceur Abderrahim. Emulsion explosives production processes. El-Harrach Military Material School, 1st Military Region, Ministry of Defence, 2014.
2. Officer trainee: Bouguelaa Osama, Manufacture and use of electric detonators. El-Harrach Military Material School, 1st Military Region, Ministry of National Defence 2014.
3. Lt. Abdelouahab Mohammed Lamin. Development of a detonation system using renewable energy, Sector: Equipment maintenance, Option: Pyrotechnics And Propulsion. Ecole Superieure Du Materiel Defunt Moudjahid Ben El-Mokhtar El-Cheikh Amoud. Elharrach, 2017.

## **PUBLICATIONS**

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1. N.A. Laoufi, D. Tassalit, F. Bentahar "The degradation of phenol in water solution by TiO<sub>2</sub> photocatalysis in helical reactor" Global NEST Journal, Vol 10, No 3, pp 404-418, Greece2008.
2. D. Tassalit, N.A. Laoufi, F. Bentahar Photocatalytic Deterioration of Tylosin in an Aqueous Suspension Using UV/TiO<sub>2</sub>. Science of Advanced Materials. Vol. 3, 1–5, 2012.
3. NA Laoufi, S Hout, D Tassalit, A Ounnar, A Djouadi, N Chekir, F Bentahar. Removal of a persistent pharmaceutical micropollutant by UV/TiO<sub>2</sub> process using an immobilized titanium dioxide catalyst: parametric study , Chemical Engineering 32, 1951-1958, 2013.
4. Hanane Aburideh, Adel Deliou, Brahimabbad, Fatmaalaoui, Djilalitassalit, Zahiatigrine; An Experimental Study of a Solar Still: Application on the sea water desalination of Fouka ;Procedia Engineering, Volume 33, Pages 475-484,2012.
5. A. Diaf, H. Aburideh, Z.Tigrine, D. Tassalit, F.Alaoui ; Effect of Temperature on the Performance of multi-Stage Distillation; World Academy of Science, Engineering and Technology 66, 2012.
6. A. Diaf, H. Aburideh, Z.Tigrine, D. Tassalit, F.Alaoui. Effect of Temperature on the Performance of Multi-Stage Distillation; World Academy of Science, Engineering and Technology 66 2012.
7. B. Abbad, A. Lounis, And Tassalit. Djilali, Adsorption of Methylene Blue from Aqueous Solution on the Surface of Znapso-34 Nanoporous Material. World Academy of Science, Engineering and Technology 71 2012.

8. Ouassila Benhabiles, N. Chekir, D. Tassalit, S. Mahidine et N. Kasbadji Merzouk. *Dégradation solaire d'un polluant pharmaceutique sur un support photocatalytique*, International Journal of Scientific Research & Engineering Technology (IJSET.) 2356-5608, Vol.3, issue 2. 2015.
9. D. Tassalit, N. Chekir, O. Benhabiles, O. Mouzaoui, S. Mahidine, N. Kasbadji Merzouk, F. Bentahar. Effect and interaction study of Acetamiprid photodegradation using experimental design, *Water Science and Technology*, 2016.
10. Nadia Chekir, Ouassila Benhabiles, Djilali Tassalit, Nadia Aicha Laoufi & Fatiha Bentahar. *Photocatalytic degradation of methylene blue in aqueous suspensions using TiO<sub>2</sub> and ZnO*. *Desalination and Water Treatment*. 2016.
11. Abd Elaziz Sarrai, Salah Hanini, Nachida Kasbadji Merzouk, Djilali Tassalit, Tibor Szabó, Klára Hernádi and László Nagy, Using Central Composite Experimental Design to Optimize the Degradation of Tylosin from Aqueous Solution by Photo-Fenton Reaction, *Materials*, 9, 428, 2016.
12. N. Sahraoui, N. Chekir, D. Tassalit, Comparison Between the Photocatalytic Degradation of a Textile Dye Under Sun Light and Artificial Irradiation, *Energy, Transportation and Global Warming, Green Energy and Technology* pp 707-718, 2016.
13. D. Tassalit, N. Chekir, O. Benhabiles, F. Bentahar, N. A. Laoufi, Photocatalytic Degradation of Tylosin and Spiramycin in Water by Using TiO<sub>2</sub> and ZnO Catalysts Under UV Radiation, *Energy, Transportation and Global Warming, Green Energy and Technology* pp 695-706, 2016.
14. N. Chekir, D. Tassalit, O. Benhabiles, N. Kasbadji Merzouk, M. Ghenna, A comparative study of tartrazine degradation using UV and solar fixed bed reactors, *International Journal of Hydrogen Energy*, 1-7, 2016.
15. D. Tassalit, S. Lebouachera, S. Dechir, N. Chekir, O. Benhabiles, F. Bentahar, Comparison between TiO<sub>2</sub> and ZnO photocatalytic efficiency for the degradation of tartrazine contaminant in water, *International Journal of Environmental Science*, 1, 357-364, 2016.
16. D. Tassalit, N. Chekir, O. Benhabiles, S. Dechir, S. Lebouachera, N. Kasbadji Merzouk, F. Bentahar. Use of Packed Bed Photocatalyst and Sun Light Radiation for the Removal of Emerging Contaminant Dyes from Water. *International Journal of ChemTech Research*, Vol.9, No.08 pp 366-373, 2016.
17. Djilali TASSALIT, Nadia Chekir, Ouassila Benhabiles, Nachida Kasbadji Merzouk, Manel Bradai and Hakim Kissarli, Degradation of pharmaceutical contaminant in water via fountain photoreactor *Recent Advances in environmental science from the euro-Mediterranean and surrounding regions, advances in science, technologie and innovation*, 211-214, 2017.
18. Djilali TASSALIT, Ouassila Benhabiles, Nadia Chekir, Nachida Kasbadji Merzouk, Naima Sahraoui, Smail Nouissi and Mazigh Brahimi, Sara Mahidine, Solar photodégradation using Zinc oxide catalyst for the elimination of phenol and acetamiprid from water, *Recent Advances in environmental science from the euro-Mediterranean and surrounding regions, advances in science, technologie and innovation*, 215-218, 2017.
19. Nadia Chekir Djilali Tassalit, Ouassila Benhabiles, Nachida Kasbadji Merzouk, Sara Mahidine, Madina Belmihoub and Houria Habbi. Study of pharmaceutical pollutant



- degradation in solar immobilized reactor, Recent Advances in environmental science from the euro-Mediterranean and surrounding regions, advances in science, technologie and innovation, 1531-1534, 2017.
20. Ouassila Benhabiles, Nadia Chekir, Djilali Tassalit, , Nachida Kasbadji Merzouk, Meriem Ghenna and Anes Abdessemed, Solar photocatalytic degradation of tartrazine via immobilized catalyst, Recent Advances in environmental science from the euro-Mediterranean and surrounding regions, advances in science, technologies and innovation, 1527-1530, 2017.
  21. N Chekir, D Tassalit, O Benhabiles, NK Merzouk, M Ghenna, A comparative study of tartrazine degradation using UV and solar fixed bed reactors, International Journal of Hydrogen Energy 42 (13), 8948-8954, 2017.
  22. O Benhabiles, N Chekir, D Tassalit, Solar photocatalytic degradation of methylene blue in a fixed bed reactor, Desalination and water treatment 60, 85-290, 2017.
  23. N Sahraoui, D Tassalit, N Chekir, A Brahimi, S Nouissi, Etude de l'adsorption de l'acétamipride par charbon actif synthétisé à partir d'un déchet de l'agro-alimentaire, Algerian Journal of Environmental Science and Technology 3 (3), 2017.
  24. N Chekir, D Tassalit, O Benhabiles, M Belmihoub, H Habbi, M Mellal, Traitement photocatalytique d'un polluant pharmaceutique avec le dioxyde de titane immobilisé, Algerian Journal of Environmental Science and Technology 3 (3), 2017.
  25. ND Seif El Islam Lebouachera, Rachida Chemini, Mohamed Khodja, Bruno Grassl, D. Tassalit, Experimental investigations of SDS adsorption on the Algerian rock reservoir: chemical enhanced oil recovery case, Research on Chemical Intermediates, 1-26, 2018.
  26. D Belhout, Z Belgroun, M Abbes, Z Tigrine, T Djilali, Approaches and Processes for Recovering Reverse Osmosis Discharges from Desalination Plants, 2018 6th International Renewable and Sustainable Energy Conference (IRSEC), 1-6, 2018.
  27. Nadia Chekir, Djilali Tassalit, Ouassila Benhabiles, Influence du Dopage du Dioxyde de Titane Sur la Dégradation Des Substances Pharmaceutiques. The International Journal of Scientific Research & Engineering Technology, 7, 13, 7-13. 2019.
  28. Djilali Tassalit, Nachida Kasbadji Merzouk, Nadia Chekir, Ouassila, Etude et Optimisation des Facteurs de Dégradation des Polluants Pharmaceutiques. International Journal of Scientific Research & Engineering Technology (IJSET), 8, 1, 14-18, 2019.
  29. D. Tassalit, Khadidja Ganibardi, Nadia Chekir, Ouassila Benhabiles, Traitement des eaux de rejet de l'industrie du textile par couplage de procédés d'adsorption et de la photocatalyse. The International Journal of Scientific Research & Engineering Technology, 8, 11 31-37, 2019.
  30. H Aburideh, NK Merzouk, MW Naceur, Z Tigrine, D Tassalit, M Abbas, Thermal annealing effect on morphology and performance of polysulfone-cellulose acetate membranes: application for water defluoridation, Cellulose Chemistry And Technology, 13, 15, 2019.
  31. H Lebik, H Ait-Amar, R Elhadi, F Madjene, D Tassalit, Anodic oxidation of methylene blue at Ti/Pt electrode, Algerian Journal of Environmental Science and Technology 5 (3), 2019.
  32. SEI Lebouachera, R Chemini, M Khodja, B Grassl, MA Ghriga, D. Tassalit and D. Nadjib Drouiche, Experimental design methodology as a tool to optimize the adsorption of new surfactant on the Algerian rock reservoir: cEOR applications. The European Physical Journal Plus, 134 (9), 436, 2019.



33. Hout Sarah, Salem Zineb, Tassalit Djilali, Tigrine Zahia, Aburidah Hanane, Hafida Boukendakji: Assessing desalination pretreatment conditions towards pilot scale up using Box-Behnken experimental design. *Water and environment Journal* . 04 October 2020. <https://doi.org/10.1111/wej.12644>.
34. Nadia Chekir, Djilali Tassalit, Ouassila Benhabiles, Naima Sahraoui, Mounir Mellal: Effective removal of paracetamol in compound parabolic collectors and fixed Bed reactors under natural sunlight, *Water Science and Technology*, 2020.
35. Nadia Chekir, Djilali Tassalit, Mounir Mellal, Ouassila Benhabiles, Naima Sahraoui: Fixed Bed Reactor Performance for Herbicide Degradation Under Solar Radiation, *European Journal of Engineering Science and Technology*, 1, 3, 38-43, 2020.
36. Hanane Aburideh, Zahia Tigrine, Djamila Zioui, Sarah Hout, Djilali Tassalit, Mohamed Abbas “ Wastewater treatment using modified cellulose acetate membrane”, *Cellulose Chemistry and Technology journal*. (paper online-2021).
37. Z. Tigrine; H. Aburideh; F. Chekired; D. Belhout; D. Tassalit, New solar still with energy storage: application to the desalination of groundwater in the Bou-Ismaïl region. *Water Supply*, (2021), <https://doi.org/10.2166/ws.2021.206>.

## CONFERENCES

1. D. Tassalit A. Laoufi, F. Bentahar, « Dégradation du phénol en présence de TiO<sub>2</sub>/UV ». Premières journées de chimie à l'école militaire polytechnique, 2004, Algeria.
2. N.A. Laoufi, D. Tassalit, F. Bentahar « The dégradation of phenol in water solution TiO<sub>2</sub> photocatalysis in a helical reactor ». 10th International Conference on Environmental Science and Technology 3rd - 6th March 2008 Cairo Egypte.
3. Laoufi N.A., Tassalit D., Bentahar F. “Photocatalytic degradation of carbamate Insecticide active ingredient (Methomyl) in a helical reactor”. Fourth Environmental Symposium of German-Arab Scientific Forum for Environmental Studies, 7-8 October 2008, Fès, Maroc.
4. Communication internationale orale : A. Diaf, Z. Tigrine, H. Aburideh, D. Tassalit, F. Alaoui and B. Abbad « Engineering Study and Equipment Design: Effects of Temperature and design variables on Yield of a Multi-Stage Distillator » March. 27-31, 2012 Madrid, Spain.
5. Communication internationale orale : A. Diaf, H. Aburideh, Z. Tigrine, D. Tassalit, and F. Alaoui « Effects of Temperature on performance of a Multi-Stage Distillator » June 27-28, 2012 Paris, France. Communication par affiche : A. Diaf, Z. Tigrine, H. Aburideh, D. Tassalit, F. Alaoui and
6. B. Abbad « Effects of Temperature and design variables on Yield of a Multi-Stage Distillator ». 3èmes journées du Réseau Algérien des Sciences de la Mer RASMER à l'hôtel EDENE PALACE, Ain EL Turck du 06 au 07 Juin, 2012, Oran.
7. O. Benhabiles, N. Chekir and, D. Tassalit - Decontamination water by ultraviolet light: case of methylene blue. Global Conference on Global Warming 2012, Istanbul, Turkey, July 8-12, 2012.
8. D. Tassalit, N. Chekir, O. Benhabiles, and F. Bentahar - Conception of new reactor for photocatalytic degradation of pharmaceutical pollutants » International Symposium on Catalysis and Speciality Chemicals ISCSC, Tlemcen, Algeria, 23-26 September 2012.

9. D. Tassalit, N. Kasbadji Merzouk, N.Chekir and O. Benhabiles - Use of solar photocatalysis as a complementary process of biological wastewater treatment. The first international waterbiotech conference. National Research Center (NRC) Cairo, Egypt, October 09 -11, 2012.
10. O. Benhabiles, N.Chekir, D. Tassalit and N. Kasbadji Merzouk - Etude de la dégradation solaire du bleu de méthylène. 5ème Conférence Internationale sur l'Environnement : « l'innovation au service de l'environnement » CITET Tunis, 5-7 décembre 2012.
11. N.Chekir, N. Kasbadji Merzouk, O. Benhabiles, S. Igoud, D. Tassalit, L. Amrouche, H. Boukendakdji - Photoreacteur tubulaire pour la photocatalyse et la désinfection solaire des eaux. 5ème Conférence Internationale sur l'Environnement : « l'innovation au service de l'environnement » CITET Tunis, 5-7 décembre 2012.
12. Tassalit Djilali, Kasbadi Merzouk Nachida, Tegrin Zahia, Remontée Des Eaux De Rejets Et De La Salinité A Ouargla Dans Le Sud Algérien Problématiques Et Solutions Apportées. Sénégal, Juillet 2013.
13. Nadia Chekir, Abdelhakim Belaoura, Ali Mounir Taibaoui, Djilali Tassalit, Ouassila Benhabiles, Nadiaaicha Laoufi And Fatiha Bentahar. Degradation By Solar Radiation Of Methomyl In The Presence Of Titanium Dioxide *4rd Maghreb Conference On Desalination And Water Treatment" Cmtde 2013"* Hammamet, Tunisia 15-18 December, 2013.
14. Nadia Chekir, Ouassila Benhabiles, Djilali Tassalit, Nadia Aicha Laoufi Et Fatiha Bentahar. La Dégradation Photocatalytique Du Bleu De Méthylène En Solution Aqueuse De Tio<sub>2</sub> Et Zn. La 3ème Conférence Internationale Sur L'eau « Ci. Eau 2013 » Le 18-19 Novembre 2013, Hôtel Hilton A Alger.
15. O. Benhabiles, N. Chekir, D.Tassalit. Study Of Solar Photocatalysis In A Fixed Bed Reactor. 3ème Conférence Internationale Sur L'eau. Ci.Eau 2013 ,18-19 Novembre 2013, Alger, Algérie.
16. Djilali Tassalit, Sara Loucif, Nadia Chekir, Nadia Aicha Laoufi Et Fatiha Bentahar The Degradation Of Organique Pollutants By Using Doped Photocatalyst And Solar Irradiation. 2nd International Conference On Applied Life Sciences (Icals 2013), Dubai, Uae, September 15-17, 2013.
17. Nadia Chekir, Abdelhakim Belahoura, Ali Mounir Taibaoui, Djilali Tassalit, Ouassila Benhabiles, Nadia Aicha Laoufi Et Fatiha Bentahar. Etude De La Dégradation D'un Polluant Biorecalcitrant Par Photocatalyse Solaire. La 3ème Conférence Internationale Sur L'eau « Ci. Eau 2013 » Le 18-19 Novembre 2013, Hôtel Hilton A Alger.
18. D. Tassalit ; N. Chekir ; N. Laoufi ; N. Kasbadji Merzouk ; O. Benhabiles ; F. Bentahar. Degradation Of Pharmaceutical Pollutants In Water By Tio<sub>2</sub> Assisted Photocatalytic Process. The Second Waterbiotech International Conference, Wtaerbiotech'14, 08 - 10 Janvier 2014, Marrakech, Maroc.
19. A.A. Sarrai ; N. Kasbadji Merzouk ; D. Tassalit (Algeria), Removal Of Tylosin From Aqueous Solution By Activated Carbon Synthesized From Wheat Bran, The Second Waterbiotech International Conference, Wtaerbiotech'14, 08 - 10 Janvier 2014, Marrakech, Maroc.
20. Nadia Chekir, Ouassila Benhabiles, Djilali Tassalit, Nadia Aicha Laoufi And Fatiha

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