



**Ministry of Higher Education and Scientific Research  
The University Larbi ben M'hidi Oum El-Bouaghi  
Faculty of Science and Technology  
Process Engineering Department**

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**CURRICULUM VITAE (Pr: GHERRAF Nouredine)**

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**General information**

**Name: Nouredine  
Name: Gherraf  
Date of birth: 12/28/1965  
Birthplace: Bir Chouhada (Willaya Oum El-Bouaghi)  
Nationality: Algerian  
Marital status: Married (05 children).  
telephone: 0699770576  
Grade: Professor  
E-mail : [ngherraf@yahoo.com](mailto:ngherraf@yahoo.com)**

**Training and qualifications**

period	institution	country	diploma	mention	Specialty	option
81-84	Secondary School Mentouri Ain M'Lila	Algeria	BAC Mathematics	Good		
84-89	Algerian Petroleum Institute	Algeria	engineer		chemical Engineering	Gas Engineering
91-92	University of Guelma	Algeria	DEA	Very good	Organic chemistry	methods of analysis
92-97	University of Guelma	Algeria	magister	Very honorable	Organic chemistry	methods of analysis
97-07	University of Ouargla	Algeria	PhD	Very honorable	Organic chemistry	phytochemistry
98-02	University of Ouargla	Algeria	law degree		law	law
2003	University of Ouargla	Algeria	Certificate of aptitude for the occupation of lawyer		law	law

**Magister Title: reinvestigation of alkaloid content of *Peganun harmala***

PhD thesis Title: chemical study of *Euphorbia guyoniana* and *Launaea resedifolia*  
 Followed by reactivity study of some butenolides.

**Professional experience**

<i>period</i>	<i>institution</i>	<i>function</i>
89-91	Secondary School souk naamane	Professor
91-93	University of Guelma	temporary
95-96	SecondarySchool souk naamane	Professor
96-97	Sonatrach ( Algerian oil company)	Engineering study
97-04	University of Ouargla	MACC
04-06	University Paul Cézanne Marseille, france	Preparation of PhD
06-07	University of Ouargla	MACC
07-08	University of Ouargla	MCA
08-11	University Larbi ben M'hidi <b>Oum El-Bouaghi</b>	MCA
11-today	University Larbi ben M'hidi <b>Oum El-Bouaghi</b>	Professor

**lectures (1997-2018)**

<i>course</i>	<i>first cycle</i>	<i>Graduation</i>	<i>second cycle</i>	<i>post graduation</i>
<b>General Chemistry</b>		X		
<b>Industrial Inorganic Chemistry</b>		X		
<b>numerical computation</b>		X		
<b>Organic chemistry</b>		X		
<b>thermodynamics</b>		X		
<b>Refining and Petrochemical</b>		X		
<b>spectroscopic analysis</b>	X	X		X
<b>initiation to research</b>				X
<b>Technical English</b>	X	X	X	X
<b>Practical work</b>	X	X	X	X
<b>refining 1</b>		X		
<b>Characterisation methods</b>		X		X
<b>refining 2</b>		X		
<b>standardization in Chemical Engineering</b>		X		
<b>General and Organic Chemistry</b>	X	X		
<b>Porous and dispersed</b>		X		

media				
Tutored project	X			
gas technology		X		
Petrochemical	X			
Technical and economic assessment processes	X	X		
Transfer Phenomena	X		X	X
petrochemicals 1	X	X	X	
petrochemical 2	X	X	X	
physical methods of analysis	X			X
TP: MPCA	X	X		
Characterisation methods (thermal analysis, BET, XRD, MEB. etc	x	x		
Technical English	X	X	X	X
Process intensification			X	
Transport phenomena			x	
Hygiene and safety in the pharmaceutical sites			x	

#### language capabilities

<i>language</i>	<i>Spoken</i>	<i>read</i>	<i>written</i>
Arab	Very good	Very good	Very good
French	very good	Very good	Very good
English	very good	Very good	Very good

#### Publications

1. Amar Zellagui, **Noureddine Gherraf** and Salah Rhouati (2003) 'Phytochemical survey and antimicrobial activity of *Genista microcephala*, Natural drugs, 155-159.
2. **Noureddine Gherraf** Ashraf A. El-Bassuony, Zellagui Ammar Salah Rhouati Ahmed A. Ahmed, Mohamed Ridha Ouahrani. Coumarins and coumarin glycoside from *Launaea resedifolia*, Asian Journal of Chemistry 3 (18), 2006, 1-6.
3. Ahmed A. Ahmed **Noureddine Gherraf** Ashraf A. El-Bassuony Salah Rhouati Mahmoud H. Gada, Shinji Ohtad and Toshifumi Hirata. Guyonianin A and B, Polyester Two Algerian diterpenes from *Euphorbia guyoniana*, Natural Products Communications, 4 (1), 2006, 273-279.
4. Ouahrani Mohammed Ridha, Ladjel Segni,, Dendougui and Houcine **Noureddine Gherraf**. Antioxidant Activity of the Leaves of *Teucrium polium* ssp. *Aurasianum*, Research Journal of Agronomy, Vol.1.N 1, pp. 22-25, 2007.

5. M. Dakmouche, M Saidi, A. Meghzi, M. Hadjadj, S. Ladjel and **N. Gherraf**, Effect of 3-methyl paratolyl thio -4- -1,2 - dithiolium one corrosion inhibition of mild steel in acidic media, *Material Science Research India*; Flight. 5 (2), 257-260 (2008)
6. Ali Kala **Noureddine Gherraf**, Djebellah Belkacemi, Segni Ladjel Amar Zellagui, Hameurelain Samir Soumia Chihi Labed Brahim; Composition of the essential oil of Rhanterium adpressum Coss. and Durieu. Algeria from; Archive of Applied Science Research, 2009, 1 (2) 115-118
7. M. Dakmouche, S. Ladjel, **N. Gherraf**, M. Saidi, M. R. Ouahrani And M Hadjaj, Inhibition Effect of Some Plant Extracts on the Corrosion of Mild Steel in H<sub>2</sub>SO<sub>4</sub> Medium, *Asian Journal of Chemistry*; 21, No. 8 (2009), 6176-6180
8. **Noureddine Gherraf**; Tidjani Yahia Namoussa; Segni Ladjel; Mohamed Ridha Ouahrani; Ramdane Salhi; Abdelkader Belmnine; Samir Hameurlain and Brahim Labed. Aqueous Extract of Zygophyllum album as Corrosion Inhibitor for Mild Steel in Sulfuric Acid Medium. *Am.-Eurasian J. Sustain. Agric*, 3 (4). 781-783, 2009
9. S. Chihi **N. Gherraf** B. Alabed S. Hameurlain. Inhibition Effect Of Flavonoid Extract Of Euphorbia Guyonianaon The Corrosion Of Mild Steel In H<sub>2</sub>SO<sub>4</sub> Medium. *Rev. Sci. Background. App.*, Vol. 1 No. 1 (2009), 31-40
10. **Noureddine Gherraf**, Amar Zellagui, S. Naglaa Mohamed Taha Hussien A. Tarik Mohamed A. Mohamed Hegazy F-Elamir Salah Rhouati Mahmoud FM Moustafa Magdy A. El-Sayed Abou El-Hamd H. Mohamed. Triterpenes from Euphorbia rigida; *Pharmacognosy Research*; | Vol 2 | Issue 3; 2010 159- 162
11. Ali Kalla Djebellah Belkacemi, **Noureddine Gherraf** Amar Zellagui, UGLY MESSAI, SEGNI Ladjel, HAMEURELAINE SAMIR LABED BRAHIM and SOUMIA Chihi; Seasonal Variability of Essential Oil Content of Pituranthos scoparius, *Asian Journal of Chemistry*, 22, 4 (2010), 3065-3068
12. Narimane Segueni, Fatiha Khadraoui, Fairouz Moussaoui, Amar Zellagui, **Noureddine Gherraf** Mesbah Lahouel and Salah Rhouati. Volatile constituents of Algerian propolis; *Annals of Biological Research*, 2010, 1 (2): 103-107
13. Said Noamane Labib Zellagui Amar Khaled Mesbah, **Noureddine Gherraf**, Lahouel Mesbah and Rhouati Salah. Essential oil composition of Thymelea microphylla Coss and Hard. *Der Pharmacia Letter*, 2010, 2 (5): 428-431.
14. Brahim Labed, **Noureddine Gherraf** Samir Hameurlaine, Segni Ladjel and Amar Zellagui. The antibacterial activity of water extracts of Traganum nudatum Del (Chenopodiaceae) growing in Algeria, *Der Pharmacia Letter*, 2010, 2 (6): 142-145.
15. Samir Hameurlaine, **Noureddine Gherraf** Abdelkader Benmnine Amar Zellagui. Inhibition effect of methanolic extract of Atractylis serratuloides on the corrosion of mild steel in H<sub>2</sub>SO<sub>4</sub> medium. *J. Chem. Pharm. Res*, 2010, 2 (4). 819-825
16. Tedjani Yahia Namoussa, Ladjel Segni, **Noureddine Gherraf** Mohamed Ridha Ouahrani. Investigation of the Inhibitory Properties of the Aqueous Extract of Tamarix gallica L on the Corrosion of Mild Steel in H<sub>2</sub>SO<sub>4</sub> Medium; *J. Chem. Pharm. Res*, 2010, 2 (4). 808-811

17. Abdelkader Khiari Djemoui Merzoug, **Noureddine Gherraf** Mourad Kourichi and Noureddine Maza. Optimization of Plug Utilized in treatment lost circulation while drilling; Journal of Petroleum and Gas Engineering Vol. 1 (4), pp. 65-75, 2010
18. Kendour Zaouia, Ladjel Segni **Noureddine Gherraf**, And Ouahrani Mohamed Redha. Antimicrobial activity of nine medicinal plants growing in the south of Algeria. Annals of Biological Research, 2010, 1 (4): 145-147
19. **Abdenabi Abidi Noureddine Gherraf, Segni Ladjel Murielle Rabiller-Baudry Tidjani Bouchami**. Effect of operating parameters on the selectivity of phosphate transfer through nanofiltration has Nanomax-50 membrane [doi: 10.1016 / j.arabjc.2011.04.014](https://doi.org/10.1016/j.arabjc.2011.04.014)
20. Zellagui Amar **Noureddine Gherraf**, Mohamed Salah -Elamir F. Hegazy and Rhouati. Phytochemical are of Foeniculum vulgare and ther anti microbial activity, Chilean Journal of Chemistry, 2011, 56 (3): 759-763
21. **Gherraf N.**, Ladjel S., and B. Labeled Hameurlaine S .. Evaluation of antioxidant potential of various extracts of Traganum nudatum Del. Feed Plant Sciences, (2011), 1 (9): 155 - 159
22. Ladjel Segni, **Noureddine Gherraf**, Djamilia Hamada. Antimicrobial effect of essential oils from the Algerian medicinal plant Mentha Rotundifolia L. Journal of Applied Sciences Research. (2011), 7 (11): 1665-1667,
23. Houda Zaidi. Abdelkader Khiari. **Noureddine Gherraf**; Djemoui Merzoug. Dounia Dib. Hinda Hafid. Noureddine Meza. Lamia Bouhafs. and Souad Bekhouche. Reduction kinetics of Cr (VI) using limonite in aqueous solution. Advances in Applied Science Research, 2011, 2 (3): 30-36
24. Belkassam Abdelwahab, Zellagui Amar **Noureddine Gherraf**, Lahouel Mesbah and Rhouati Salah. Essential oil composition of Algerian Ruta montana (Clus.) L. and Its antibacterial effects are microorganisms responsible for respiratory infections. Advances in Natural and Applied Sciences. (2011), 5 (3): 264-268
25. Ladjel Segni, **Noureddine Gherraf** Amar Zellagui, Labeled Brahim And Samir Hameurlaine, Phytochemical Screening Of Antibacterial And Some Algerian Saharian Medicinal Plants. Feed Plant Sciences, (2011) - 1 (10): 179-178
26. Ladjel S., A. and Zellagui **N. Gherraf**. Reinvestigation Of Essential Oil Content Of Thapsia Garganica Grown in the East of Algeria, Rev. sci. background. app. (2011), 3 (2), 30-34.
27. Abd-el-Kader Benmenine Mohamed Rida Ouahrani, **Noureddine Gherraf** Mohamed rolled Sekirifa, and Lotfi Baameur; Potentiodynamic investigation of the corrosion-inhibiting effect of Cotula cinerae extracts were mild steel X 52 in 20% H2SO4 Solution; J. Chem. Pharm. Res, 2011, 3 (3). 666-669
28. Smaili Tahar Amar Zellagui, **Noureddine Gherraf**, Flamini Guido, Pier Luigi Cioni, happy Essential oil of the flowers of Pituranthos scoparius in Algeria, Medicinal Plants - International Journal of Phytomedicines and Related Industries. (2011); 3 (2): 177-179
29. Amar Zellagui, **Noureddine Gherraf**, Segni Ladjel and Samir Hameurlaine, Chemical composition and antibacterial activity of the essential oils from Launaea resedifolia L, Organic and Medicinal Chemistry Letters. 2012 2 (2)

30. **N. Gherraf**, N. Tamma, Synthesis Of (5-Hydroxy-5- (1-methoxypropan-2-yl) -4-Methyl-furan-2 (5H) -one, 5- (1-methoxypropan-2-yl) -4-Methylfuran -2 (5H) -one) and Its Biological Activity, Rev. sci..app. (2011), 3 (2), 68-74
31. Zellagui Amar **Noureddine Gherraf**, And Rhouati Kaabache Mohamed Salah, Phytochemical And Biological Survey From Two Endemic Species: *Genista microcephala* Coss. And *Hard. And Filago Pomelli* Batt. And Trab, Feed Plant Sciences 2011 (11): 190 - 193.
32. Noureddine Tamma, **Noureddine GHERRAF** and Abdelghani HOGGUI, The synthesis of (Z) -5-(2,2-diethoxyethylidene) -4-methylfuran-2 (5H), Journal of Chemical and Pharmaceutical Research, 2012, 4 (2): 939-940.
33. A. Zellagui,, **N. Gherraf**MEF Hegazy, S. Akkal, S. Rhouati H. Dendougui, AA Ahmed; Phytochemical Investigation And Antimicrobial Activity Of The Roots Of *Ferula Vesceritensis*, chemistry of natural compounds, 2012, 5, 1-2.
34. A. Kabouche, A. Boulouf, A. Abidi,**N. Gherraf**; **interaction parameter** estimate in liquid-liquid-phase equilibrium modeling using stochastic and hybrid algorithms; fluid phase equilibria, 336 (2012), 113-121
35. A. Zellagui,**N. Gherraf**and Mr. Lahouel, Drimenin-rich essential oils from *HERTIA cherifolia* growing in Algeria, Journal of New Technology and Materials Vol. 02, No. 01 (2012) 38-40
36. Zellagui Amar Belkassam Abdelwahab, Belaidi and Abdelhakim **Noureddine Gherraf**;Environmental impact on the Chemical Composition and yield of essential oils of Algerian *Ruta Montana* (Clus.) L and Their antioxidant and antibacterial activities; Advances in Environmental Biology, 6 (10): 2684-2688, 2012.
37. Zellagui Amar Tijani Soukayna, **Noureddine Gherraf**And Rhouati Salah phytochemical Screening and Evaluation Of Antibacterial Activity Of Alkaloids Extract Of *Senecio Delphinifolius* Vahl. Der Pharma Chemica, 2012, 4 (5): 2080-2084
38. Zellagui Amar Noamane Said Labib, **Noureddine Gherraf** and Rhouati Salah Phytochemical screening of five Algerian plants andthe assessment of the antibacterial activity of two *Euphorbia guyoniana* extracts, Der Pharmacia Letter, 2012, 4 (5): 1438-1444
39. Amar zellagui, **Noureddine Gherraf**Salah Akkal, Chemical composition, antimicrobial and antioxidant activities of the essential oils of *Enante virgata* aerial parts, endemic in Algeria. International Journal of Medicinal and Aromatic Plants, 2012, Vol. 2, No.2, pp. 235-239
40. Amar Zellagui, **Noueddine Gherraf** and Salah Rhouati, Chemical composition and antibacterial activity of the essential oils of *Ferula vesceritensis* Leaves, endemic in Algeria, Organic and Medicinal Chemistry Letters, 2012, 2012, 2:31.
41. Zellagui Amar Derouiche Kamel **Noureddine Gherraf**, And Rhouati Salah; Characterization of Secondary Metabolites and Evaluation of Antibacterial activity of two Algerian species: *Launaea glomerata* (Cass Hook F.and *Cynara cardinculus silvestris* var (Lamk) J. Microbiol Biotech Res, 2012, 2 (5): 736 -740
42. Laouini S Eddine Ladjel Segni Ouahrani M Redha, **Noureddine Gherraf**, Mokni Sonia. Phytochemical Analysis, Antioxidant and Antimicrobial Activities of Leaves Extract of Date Palm Grown In Algeria. Journal of Fundamental and Applied Sciences, 2012, 4 (2), 48-58

43. Abdelhakim Belaidi Amar Zellaoui, **Noureddine Gherraf**, Segni Ladjel and Salah Rhouati, Effect of Aqueous Extract *Launaea resedifolia* as Eco-Friendly Inhibitor on the Corrosion of Steel in Sulfuric Acid Medium; *Chem Sci Trans.*, 2013, 2 (1), 270-274.
44. Djebaili Hind Amar and ZELLAGUI **Noureddine GHERRAF**, Germacrene-D, a characteristic component of the Essential Oils from the Leaves of *Juniperus oxycedrus* ssp. *macrocarpa* (S. and Sm.) BalI Growing in El Kala, Algeria, *J. Nat. Prod. Plant Resour*, 2013, 3 (1). 40-44.
45. N. Chaouch MR Ouahrani S. Chaouch **N. Gherraf**. Adsorption of cadmium (II) from aqueous solutions by activated carbon Produced from Algerian dates stones of *Phoenix dactylifera* by H<sub>3</sub>PO<sub>4</sub> activation. *Desalination and Water Treatment* 51 (2013) 2087-2092.
46. Elyacout Chebouat, Belkhir Dadamoussa, Azzedine Kabouche, Messaouda Allawi Messaoud Gouamid Abdelkrim and Cheriti **Noureddine Gherraf**. Gas chromatography-mass spectrometry (GC-MS) analysis of the crude alkaloid extract of *Ziziphus mauritiana* Lam., Grown in Algerian. *Journal of Medicinal Plants Research*. 7 (20): 1511-1514
47. Allawi A. Cheriti, **N. Gherraf** E. Chebouat B. Dadamoussa R. Salhi. Inhibition of Mild Steel Corrosion in HCl 1M Medium by Acid Extract of *Haloxylon scoparium* Pomel. *Int. J. Electrochem. Sci*, 8 (2013) 9429 -. 9434.
48. Abdelhakim Belaidi Mounira Adoui Amar Zellaoui, **Noureddine Gherraf** and Abdellah Ouldjaoui, Downstream physico-chemical and bacteriological investigation of wastewater treatment plant of Oued Athmania, *Journal of New Technology and Materials*, Vol. 03, No. 01 (2013) 23-27
49. Ouldjaoui Abdellah Boukhssaim and Mouloud **Noureddine Gherraf**; reeding Behavior of a Territorial Female Shelduck *Tadorna tadorna* in Sebket Oulad Amara Khenchela, Algeria; *European Journal of Zoological Research*, 2013, 2 (2): 15-18
50. Zellaoui Amar **Noureddine Gherraf** Rhouati and Salah A germacrene -D, characteristic essential oil from *A. microcarpus* Salzm and Viv. flowers growing in Algeria, *Global Biodiversity Journal Of Science And Management*, 3 (1): 108-110, 2013
51. Laouini S Eddine Ladjel Segni **Noureddine Gherraf**, Ouahrani M Redha, Mokni Sonia. Antioxidant, Anti-Inflammatory and Diabetes Related Enzyme Inhibition Properties of Leaves Extract from Selected Varieties of *Phoenix Dactylifera*. *Innovare Journal of Life Science*, Vol 1, Issue 1, 2013, 14-18
52. Tamma Noureddine **Noureddine Gherraf**, Synthesis of Some Butenolides and Study of Their Antibacterial Activity. *International Letters of Chemistry, Physics and Astronomy*. 9 (1) (2013) 61-67
53. Laouini S Eddine Ladjel Segni Ouahrani M Redha, **Noureddine Gherraf**, Mokni Sonia. Evaluation of Phenolic Content and Antioxidant Capacity of ethanolic Extract for Selected Varieties of *Phoenix dactylifera*. *International Journal of Pharmacognosy and Phytochemical Research* 2013; 5 (2); 79-83
54. Kamel Derouiche Amar Zellaoui, **Noureddine Gherraf**, Ahlem Bousetla, Laid Dehimat Salah Rhouati; Chemical composition, antimicrobial and antioxidant activities of the essential oils of *Santolina africana* flowers, endemic in Algeria. *J. BioSci. Biotech*. 2013, 2 (3): 201-206.
55. E. Chebouat, B. Dadamoussa, **N. Gherraf** Mr. Gouamid Mr. Allaouli, A. Cheriti, A. Khiari. Inhibition of Mild Steel Corrosion in 1N HCl Medium by Acid Extract of *Ephedra alata*. *Int. J. Electrochem. Sci*, 8 (2013) 12147 -. 12153.

56. SE Laouini, Ladjel Segni, **Noureddine Gherraf**, S. Mokni : Scavenging activity, anti-inflammatory and diabetes related enzyme inhibition properties of ethanol extract of leaves Phoenix dactylifera: j Fundam app sci: 2013, 5 (2), 71-82
57. Flamini G<sup>1</sup>,smaili T,A Zellagui,Gherraf N, PL Cioni., Effect of Growth Stage on Essential-Oil Yield and Composition of Daucus sahariensis,Chem Biodivers,2013 November; 10 (11): 2014-20. doi: 10.1002 / cbdv.201300052.
58. Abdelouahab Ouahab Elhadj Belghithar Bechraiar, Bahmed Daoudi Abdelkader Khiari **Noureddine Gherraf**; Structure and energetics of small size noble metal clusters on ZnO (0001) layers ultra-thin: A DFT study; NSNTAIJ, 8 (2) 2013
59. Mohammed Sebti, Zellagui Amar Lahouel Mesbah, **Noureddine Gherraf**, Ethnopharmacology and Essential Oils Composition of Calamintha hispidula (Boissier and Reuter) Mayor. Growing in Algeria, TBAP 3 (5 & 6) 2013 pp 339-344
60. N. Djeddi Mr. Benahmed, Akkal S., H. Laouer E. Makhloufi, **N. Gherraf**, Study on methylene dichloride and butanolic extracts of Reutera lutea (Desf.) Maire (Apiaceae) as effective corrosion inhibition for carbon steel in HCl solution Research on Chemical Intermediates, July 2015, Volume 41, Issue 7Pp 4595-4616
61. Elyacout Chebouat, Belkhir Dadamoussa Samer Gharabli, **Noureddine Gherraf**, Messaouda Allawi Abdelkrim Cheriti Adnan Lahham, and Amar Zellagui. Assessment of antimicrobial activity of flavonoids extract from Ephedra alata Der Pharmacia Letter, 2014, 6 (3): 27-30.
62. Safia Boulechfar Amar Zellagui, **Noureddine Gherraf**. Total phenolic and flavonoid happy and in vitro antioxidant and antibacterial activity of Aster squamatus yesterday. leaves extractsDer Pharmacia Letter 6 (5): 112-115 · January 2014
63. Y. Arab, A. Zellagui, S. Boutellaa, K mesbah, **N. Gherraf**, Total phenolic flavonoids and happy, and in vitro antioxidant and antimicrobial activity of ethyl acetate and butanol extract from Senecio delphinifolius Vahl, Der Pharmacia Letter 6 (4): 522-525 · January 2014
64. B. Labeled AA Bebbba, **N. Gherraf**, Phytoremediation performance of urban wastewater by the plant Juncus effusus in an arid climate, Research Journal of Pharmaceutical, Biological and Chemical Sciences 5 (6): 95-103 · January 2014.
65. Amar Zellagui, Saber Boutellaa, Yasmine Arab, **Noureddine Gherraf**. GC / MS Analysis and Antioxidant Activity of the Essential Oil Leaves Thymus Numidicus Poiret Growing in Mila. 1 January 2014, Journal of New Technology and Materials, Volume 4, pp 155-160; doi: 10.12816 / 0010322
66. Salah Belaidi, Malika Mellaoui, Djemoui Bouzidi, **Noureddine Gherraf**, Electronic Structure and Physical Chemistry-Property Relationship for Cephalosporin Derivatives, Quantum Matter, Volume 3, Number 5, October 2014, pp. 435-441 (7)



67. Laouini S Eddine Ladjel Segni **Noureddine Gherraf**, Ouahrani M Redha, Mokni Sonia: Scavenging Effect, Anti-Inflammatory and Diabetes Related Enzyme Inhibition Properties of Leaves Extract from Selected Varieties of Phoenix dactylifera L. International Journal of Pharmacognosy and Phytochemical Research 6 (1) (ISSN: 0975-4873) · 66-73 March 2014
68. Elyacout CHEBOUAT, Belkhir DADAMOOUSSA Samer GHARABLI **noureddine, GHERRAF**, Messaouda ALLAOUI and Abdelkrim Cheriti, Acid Content of the Dichloromethane Extract of Ephedra Alata Leaves, Annals of Science and Technology, volume 6 number 1 AST 2014
69. Souheila Louaar, Amar Zellagui, Noureddine Gherraf, Salah Akkal, Antiradical Activity of Flavonoids from the Algerian Native Plant: Centaurea microcarpa Coss. and Hard. TBAP 4 (3) 2014 pp 249-253
70. Abd-el-Kader Benmenine Mohamed Rida Ouahrani, **Noureddine Gherraf** Mohamed Lotfi and rolled Sekirifa Baameur.: Anticorrosive Action Study of Retama retam Extracts We Mild Steel X 52 in 20% H2SO4 solution. Energy Procedia 50 (2014) 401 - 40
71. Mellaoui Malika; Belaidi Salah; Bouzidi Djemoui; **Gherraf Noureddine**, Electronic Structure and Physical Chemistry-Property Relationship for Cephalosporin Derivatives, Quantum Matter, Volume 3, Number 5, October 2014, pp. 435-441 (7)
72. BE Missaoui ; MR Ouahrani ; Y. Kouadri ; F. Chebrouk; **Noureddine Gherraf**: Novel Synthesis Method of Pyrimidine and Pyrazole Derivatives; Asian Journal of Chemistry 27 (2): 671-673 · January 2015
73. Merzoug Benahmed, Ilhem Selatnia, A. Achouri, Hocine Laouer, **Noureddine Gherraf**, Salah Akkal : Steel Corrosion Inhibition by lancifolium Bupleurum (Apiaceae) Extract in Acid Solution Transactions- Indian Institute of Metals 68 (3): 393-401 · January 2015
74. B. Ihaddadene ; L. Tifouti ; Ammar Al-Dujaili ; **Noureddine Gherraf**; Enhancing Batch adsorption capacity of bentonite, kaolinite and Their Forms Organomodified for Phenol removal: International Journal of ChemTech Research 8 (4): 1749-1762 · January 2015
75. BE Missaoui ; MR Ouahrani ; Y. Kouadri ; **N. Gherraf**; Synthesis of Novel Heterocyclic Compounds Containing 1,5-Benzodiazepine; Asian Journal of Chemistry 27 (6): 2175-2177 · June 2015
76. Y. Kouadri, MR Ouahrani ; BE Missaoui ; **Noureddine Gherraf**: A Simple and Fast Synthetic Pathway of b-enamino-esters by condensation of b-Keto Ester with Aliphatic and Aromatic Amines in Ethanol : Asian Journal of Chemistry 27 (7): 2575-2578 · July 2015
77. Salah Eddine Laouini ; Ladjel Segni ; Ouahrani Mohammed Redha ; **Noureddine Gherraf**: Free radical scavenging activity of leaf extract of Rumex L. vesicarius Obtained by different methods : International Journal of Pharmacological and Toxicological Research 7 (3): 140-146 · July 2015

78. Kouadri, Y .; Ouahrani, MR; Missaoui, BE; Chebrouk, F .; Gherraf, N, Reactivity of b-keto esters Compounds, Synthesis of Heterocycles Nitrogenated (Derivatives of Tetrahydroacridin-9-ones and pyrimidinone) and Biological Properties of pyrimidinone Derivatives: Asian Journal of Chemistry, 2015/27 (10) pp 3675-3680
79. Salah Eddine Laouini ; Ladjel Segni ; Ouahrani Mohammed Redha ; Nouredine Gherraf ; Sonia. Mokni : Phytochemical analysis, antioxidant and antimicrobial activities of leaves extract of date palm grown in Algeria
80. Y. Kouadri, MR Ouahrani ; BE Missaoui, N. Gherraf; A Simple and Fast Synthetic Pathway of b-enamino-esters by condensation of b-Keto Ester with Aliphatic and Aromatic Amines in Ethanol; Asian Journal of Chemistry 27 (7): 2575-2578 · July 2015
81. Dalal Harkati Salah Belaidi Aicha Kerassa, and Nouredine Gherraf: Molecular structure, Substituent Effect and Physical Chemistry-Property Relationship of Indole Derivatives Quantum Matter Vol. 4, No. 6, 2015
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### **International communications**

<b>title</b>	<b>presented in</b>	<b>Place and date</b>
reinvestigation of alkaloids in <i>P. harmala</i>	1st African rally there medicinal plants	Setif March 1999
dewaxing of condensate using the method of chlorination with urea	3rd Symposium of Algerian Society of Chemistry	Ouargla, November 2000
Phytochemical survey of Algerian plants	3rd International Symposium is natural drugs	Naples Italy, October 2003
Chemical investigation of <i>Launaea resedifolia</i>	7th International Conference on Chemistry	Mansoura Egypt, April 2003
Optimization of mud plugging in oil wells	SRO 2	Riyadh, Saudi Arabia, 2004
Analyzes drilling waste fluids	2nd International Symposium hydrocarbons and Chemistry	Boumerdes, March 2004
Optimization of Plug utilised in lost circulation treatment	2nd International Symposium hydrocarbons and Chemistry	Boumerdes, March 2004

Coumarins of <i>Launaea resedifolia</i>	SRO 3	Damascus, Syria 2006
. Phytochemical and Biological Screening Of two Endemic Plants: <i>Genista microcephala</i> and <i>Filago Pomelli</i>	International Symposium On Phytomedicine and Medicinal Herbs	Constantine, March 17-19th 2007
Research and development in drugs: future trends	3rd International conference of pharmaceutical and drug industries division	Cairo, egypt, March, 2007
Phytochemical and biological studies from <i>Daucus gracillus</i> (Umbellifereae).	First International Symposium On valorization of natural resources in semi-arid regions	Umm elbouaghi, November 2008
The study of inhibition effect of flavonoid extract from <i>Foeniculum vulgare</i> (Umbellifereae) is bacteria.	the first Algerian-Tunisian Microbiology days	Tebessa, May 2008
Phytochemical study of the endemic plant <i>Launaea resedifolia</i> .	First International Symposium On valuation of natural resources in semi arid area	Constantine, November 2008
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Inhibition Effect of Some plant extracts on the corrosion of mild steel in H <sub>2</sub> SO <sub>4</sub> medium.	International Seminar on the Protection and Preservation of ecosystems	Ouargla, December 2009,
Essential oil composition of two endemic plants: <i>Rhanterium adpressum</i> and <i>Pithorantus scoparius</i>	International Seminar on the Protection and Preservation of ecosystems	Ouargla, December 2009,
Phytochemical investigation of <i>Thymelae microphylla</i> .	VII International Chemistry Days	Constantine, December 2009,
Chemical composition and antimicrobial activity of essential oils from <i>Oenanthe virgata</i>	1st International Seminar of Molecular Biochemistry	Constantine, 13-14, October 2009
Fluorosis in the Southeast region of Algeria	6th edition of the International Days of Environmental Geosciences	Oujda, Morocco ,, June 2011
Essential oil composition of <i>Ammodaucus leucotricus</i>	4th Algerian Congress crystallography	Khenchela, May, 2011
Essential oil composition and antibacterial activity of <i>Ferula vesceritensis</i>	4th Algerian Congress crystallography	Khenchela, May, 2011
Identification and Assessment of the Antimicrobial Activity of Daucane sesquiterpenes from the Roots of <i>Ferula vesceritensis</i> Coss. And Hard.	4th International Chemistry Conference	Riad, Saudi Arabia, Nov./19-21/2011
Antioxidant, Antimicrobial Activities and Essential Oil Compositino of Two Endemic Species: <i>Daucus sahaeiensis</i> and <i>Thysmelea microphylla</i> Coss and Hard	4th International Chemistry Conference	Riad, Saudi Arabia, Nov./19-21/2011
Antimicrobial activity and Essential oil Composition of <i>Thymelae microphylla</i> Coss and Hard. aerial parts growing in Sahara	INTERNATIONAL SEMINAR ON FORESTS AND STEPPE SEMI-ARID ENVIRONMENTS	UNIVERSITY ZIANE ACHOUR - DJELFA 28-30 November 2011
Essential oil composition and Antibacterial activity of Algerian	INTERNATIONAL SEMINAR ON FORESTS AND STEPPE	UNIVERSITY ZIANE ACHOUR - DJELFA

Endemic Species: HERTIA cherifolia growing in Oum el Bouaghi (semi - Wet area),	SEMI-ARID ENVIRONMENTS	28-30 November 2011
<i>Effect of Ggrowth Stage on Yield and Essential Oil and Antioxidant Activity of Commposition Daucus sahariensis Endemic in Algeria</i>	INTERNATIONAL 'SEMINAR CANCER; CELLULAR STRESS AND BIOACTIVE SUBSTANCES'	Jijel 23-24 September 2012
analysis and antioxidant activity of the essential oils of <i>mentha rotundifolia</i>	AGROSYM,	october, 7, 2017 Sarajevo, bosnia
climatic factors as quality determinant of essential oils and polyphenols from <i>tamarix gallica</i> and <i>rosmarinus officinalis</i> collected in three geographic areas in algeria	1ST INTERNATIONAL CONFERENCE ON MAP	Jan, 18, 2018, eloued Algeria
A comparative study of the antioxidant and Antimicrobial properties of the phenolic extracts for plants " <i>Haloxylon articulatum</i> Bioss and <i>Arnebia decumbens</i> Vent Coss et Kral" growing in Oued Souf.	IICBE CONFERENCES 2018, -	March 21-22, 2018 Istanbul (Turkey) IICBE
<i>Quantification and assesment of the Anti-proliferative activity of essential oils of Rosmarinus Officinalis Collected from Three climatically dissimilar locations in Algeria</i>	IVEK BIOTECHNOLOGY ISTANBUL	Istanbul, 26-28 November 2018

#### National communications

title	presented	Place and date
Use of planar chromatography with constant ionic strength to isolate Some alkaloids	Scientific Workshop of the University of Ouargla	Ouargla, November, 1999
Treatment of the oil rejections	Seminar on chemistry	Tebessa, April 2002
Phytoscreening of the medicinal plants of the south-eastern Area of Algeria.	Seminar on chemistry and environment	Tiaret, December 2003
Treatment of mud pits of oil	Scientific Workshop of the University of Boumerdes	Ghardaia, January 2004
Getting evidence of flavonoids in the plant <i>Euphorbia guyoniana</i>	2em National Chemistry Seminar	Tebessa December 2004
Deterponoids from <i>Euphorbia guyoniana</i>	National Seminar on the development of natural resources in semi-arid areas	Umm elBouaghi, April 2007
Daucane Sesquiterpene From <i>Ferula Vesceritensis</i>	National Seminar on the development of natural resources in semi-arid areas	Umm elBouaghi, April 2007

Alkaloids From Constituents Senecio delphinifolious	National Seminar on the development of natural resources in semi-arid areas	Umm elBouaghi, April 2007
Study of structure-odor relationship by technical RANDOM FOREST TREE	8th Congress of the Algerian Society for Chemistry	Bejaia, May 2009

#### Supervision of Ph.D.

Theme	Student (s)
phytochemical study followed by biological activity semi-arid plants	Kebaili Zoubir
Phytochemical study and evaluation of biological activity and inhibiting corrosion of aqueous extracts of some plants Saharan	Demmane Debbih Ouafa
Extraction, composition and physico-chemical properties of some volatile compounds of medicinal plants semi-arid	Samir Hameurlaine
Research and Structural Determination of Metabolites Secondary plants <i>Plantago albicans</i> L <i>Haloxylon articulatum</i> Bioss. and <i>Erodium glaucophyllum</i> L.	Tamma Noureddine Thesis submitted on june 2018

#### Magisters

Theme	Student (s)
Contribution to the study of the relationship-odor chemical structure: using random forest technique (application family pyrazines)	Khaled Saadi
Study of Antibacterial and Antioxidant Effect of Raw Alkaloids Extract of <i>Traganum nudatum</i>	Brahim Iabed
Highlighting Essential Oils Plants Contained in the <i>Pituranthos</i> <i>scoparius</i> and <i>Rhanterium</i> of adpressum the region Ghardaia	Samir Hameurlaine
Study of the corrosion inhibitory activity On steel in acidic media of the flavonic extractsof <i>Euphorbia guyoniana</i>	Chihi soumia

#### Master

Theme	Students
Comparative study of the essential oils of the plant <i>Rosmarinus officinalis</i>	Hamlaoui Haoues

### Engineering Supervision

Theme	Student (s)
Study of the corrosion inhibiting effect of aqueous extract from some plants	Bencheham Amrat HAMROUNI samia
Calculation of the Topping Unit (RHM 2)	Salhi zaid Guerrache Belkhir
Checking the topping column (RHM2) HMD	Salhi Zaid Guerrache Belkhir
Optimization of operating parameters of a debutanizer (Guellela)	Dana Mohamed Idder Mustafa
Verifying debutanizer operating parameters (Oued Noumer-Hassi R'Mel)	Dahmane Abderezzak
Optimization of operating parameters of a debutanizer	Baci hamza Gheriche widad Zouauoi fouzia
Verification of operating parameters of the unit topping U11 (skikda refinery)	fateh Djebnounge Messaouadi anouar Ouled Salam didi
Study increase unit flow 38 to the depropanizer Hassi R'Mel	Chenini Hafida Ladjimi tahani
Sizing an electrostatic desalting unit of crude oil	Bayoucef Boudjema Dihaj Ramdane
Contribution to the study of water-based drilling muds and oil-based	Hadjem mohamed moussa Youssfi
Highlighting the essential oils of the plant Thapsia garganica	Bekhouché hanane bar warda
Review and verification of the catalytic reforming unit (skikda)	Messaoudan badereddine Cheriat abdelmalek Zaaboub wafa
Study and verification unit Polymed PHYLLIPS using the method (skikda)	Insane adel ilham Boukahla

### Seminars and conferences

1. Organizing Committee Member of 3rd National Symposium of industrial and pharmaceutical organic chemistry, Ouargla November 2000
2. Organizing Committee Member of 3rd National Symposium functional analysis and applications, Ouargla, April 2001

### Scientific activities

1. Member of valuation research laboratory and promotion of Saharan resources since 2001-2009, University of Ouargla
2. Member of the Laboratory of Biomolecules and Plant Breeding, Life Science and Nature Department, University of Larbi Ben M'hidi Oum El Bouaghi, Algeria 2011-2010
3. Scientific committee member of the National Seminar of Applied Chemistry and Materials Technology
4. peer member of the new technology of paper and materials
5. member of the scientific committee of the process engineering department
6. member of the Scientific Council of the Faculty of Science and Technology
7. member of the university's Scientific Council
8. member of the project (NRP) 14 / u18 / 4861, entitled "Preparation and development of bioactive substances of vegetable origin to pharmacological activities: anticancer substances and anti-infectious"
9. project manager CNEPRU: barley breeding for tolerance to heat stress and saline I03020100037 code since January 2011
10. Project member CNEPRU: study scorpions in the region of Ouargla code J0102420060008 since January 2007
11. Project member CNEPRU: Phytochemical study and evaluation of bioactive properties of aromatic and medicinal plants of the semi-arid regions F03020100033 code since January 2011
12. Project member CNEPRU: Phytochemical study and evaluation of biological activity and inhibiting corrosion in aqueous extract it Saharan code E02420080013 plants since January 2009

### Responsibilities

- Head of Process Engineering Department, Faculty of Science and Technology, University Larbi ben mhidi,oum Elbouaghi.2010-2013
- **Vice Rector of pedagogical activities for teaching: 2013-2017**

### Qualifications in the computer science

Basic concepts Windows, Microsoft Office, Internet, Paint Shop Pro, Basic concepts of FORTRAN