

BILAN SCIENTIFIQUE

-Silicon Attenuates Damages Caused by Basagran®-Induced Oxidative Stress in *Vigna unguiculata* (L.) Walp. Seedlings. Boulahia Kerima, Ouldsaid Chaima, Abrous-Belbachir Ouzna

-Exogenous Application of Salicylic Acid Improve Growth and Some Physio-Biochemical Parameters in Herbicide Stressed *Phaseolus vulgaris* L. Boulahia Kerima, Ouldsaid Chaima, Abrous-Belbachir Ouzna

-Exogenously Used Proline Offers Potent Antioxidative and Osmoprotective Strategies to Re-balance Growth and Physio-biochemical Attributes in Herbicide-Stressed *Trigonella foenum-graecum*. Ouldsaid Chaima, Boulahia Kerima, Mohamed Eid, Abrous-Belbachir Ouzna

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-Assessment of oxidative stress and proline metabolism genes expression of cowpea plants (*Vigna unguiculata* L.) under saline conditions. Sihem Rahali-Osmane, Boulahia Kerima, Réda Djebbar, Abrous-Belbachir Ouzna

-Minimization the effects of herbicide stress on bean (*Phaseolus vulgaris* L.) plants by exogenous protectant application, salicylic acid. Boulahia Kerima, Ouldsaid Chaima, Abrous-Belbachir Ouzna

-Impact of exogenous proline on the physiological behavior of fenugreek (*Trigonella foenum-graecum*) seedlings subjected to herbicide stress. Boulahia Kerima, Ouldsaid Chaima, Abrous-Belbachir Ouzna

-Effect of exogenous proline on the physiological behavior of dicotyledonous under herbicide stress. Ouldsaid Chaima, Boulahia Kerima, Ouzna Abrous Belbachir

-Some physiological and biochemical effects of exogenous proline on fenugreek (*Trigonella foenum-graecum*) subjected to herbicide stress, Ouldsaid Chaima, Boulahia Kerima, Ouzna Abrous Belbachir

-*Phaseolus vulgaris* L. seedlings exposed to the prometryn herbicide contaminated soil trigger an oxidative stress response. Boulahia Kerima, Pierre Carol, Severine Planchais, Abrous-Belbachir Ouzna

-Phytochemical Screening, Composition and In Vitro Antioxidant Activity of Algerian *Chrysanthemum coronarium* (L.) Extracts. Djamila Belhachat, Rayane Tidjani, Assia Makhoul, Messaouda Balhachat

-La conservation des carottes osmotiquement déshydratées Isothermes de sorption à 40 et 60 °C. Djamila Belhachat, Feriel Sabrine, Ait Chaouche, Ali Ferradji

-Application of response surface methodology to optimize the extraction of essential oil from ripe berries of *Pistacia lentiscus* using ultrasonic pretreatment. Djamila Belhachat, Lakhdar Mekimene, Messaouda Belhachat, Aid Fatiha

-Optimisation de la déshydratation osmotique des tranches de carottes dans une solution de saccharose concentrée en utilisant la Méthodologie des Surfaces de Réponse. Ali Ferradji, Feriel Sabrine Aït Chaouche, Djamila Belhachat, Ali Malek

-Phytochemical screening and in vitro antioxidant activity of *Pistacia lentiscus* berries ethanolic extract growing in Algeria. Djamila Belhachat, Aid Fatiha, Lakhdar Mekimene, Messaouda Belhachat

-Optimization of osmotic dehydration of tomatoes slices in salt and sucrose solutions using response surface methodology. Ait Chaouche Feriel Sabrine, Ali Ferradji, Djamila Belhachat, Malek Ali

-Optimization of Oil Extraction from *Nigella sativa* Seeds by Pressing Using Response Surface Methodology. Naima Hadjadj, Hakima Acheheb, Feriel Sabrine Aït Chaouche, Ali Ferradji

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-Identification and evaluation of antibacterial agents present in lipophilic fractions isolated from sub-products of *Phoenix dactylifera*. Najla Bentrada, Rabéa Gaceb-Terrak, Fatma Rahmania

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