

# ملخص الأبحاث العلمية

كلية الزراعة



# Abstract



*Awarded To* **Abdallah AA, Shima Badawy A and Badawi AT**

*For His Excellence In*

**INTERNATIONAL SCIENTIFIC PUBLICATION 2019**

*Paper Entitled*

**Strategies and Methodologies of Improving Rice  
Genotypes in Egypt**



*Awarded To* **Abdallah AA, Shima Badawy A and Badawi AT**

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**Strategies and Methodologies of Improving Rice  
Genotypes in Egypt**





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**THE ALLELOPATHY POTENTIAL AND GLYPHOSATE INFLUENCE ON  
ANATOMICAL FEATURES OF EGYPTIAN CLOVER PLANT  
(TRIFOLIUM ALEXANDRINUM L.)**





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**Beneficial effects of dietary silver nanoparticles and silver nitrate on  
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**Effect of dietary phytochemicals (herbal mixture) supplementation on growth performance, nutrient utilization, antioxidative properties, and immune response in broilers**



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**Exogenous dietary enzyme formulations improve growth performance of  
broiler chickens fed a low-energy diet targeting the intestinal nutrient  
transporter genes**





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**EVALUATION OF FIFTY IRRIGATED SPRING WHEAT GENOTYPES GROWN UNDER  
LATE SOWN HEAT STRESS CONDITION IN MULTIPLE ENVIRONMENTS OF**



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**Biochar affects the dissolved and colloidal concentrations of Cd, Cu, Ni,  
and Zn and their phytoavailability and potential mobility in a mining soil  
under dynamic redox-conditions**



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**Biochar application to low fertility soils: A review of current status,  
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**Replacement of squid and krill meal by snail meal (*Buccinum striatissimum*)  
in practical diets for juvenile of kuruma shrimp (*Marsupenaeus japonicus*)**



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Effects of Different Levels of Marine Snail Shells in the Diets of Juvenile  
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**Superoxide (O<sub>2</sub>·-) accumulation contributes to symptomless (type I)  
nonhost resistance of plants to biotrophic pathogens**





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**Potato purple top disease associated with the novel subgroup  
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**Micromorphological evaluation of the foliar trichomes of field grown  
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**Comparison of the activity and productivity of Carniolan (*Apis mellifera carnica* Pollmann) and Yemeni (*Apis mellifera jemenitica* Ruttner) subspecies under environmental conditions of the Al-Ahsa oasis of eastern Saudi Arabia**





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Uptake of nicotine from discarded cigarette butts e A so far  
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How Can Xenosensors Act in Chemical Detoxification  
Metabolism



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**Comparison of Pollen Spectra and Amount of Mineral Content in  
Honey Produced by Apis florea F. and Apis mellifera L.**





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**The Effect of Organic Fertilizers and Flowering Plants on Sheet-Web  
and Wolf Spider Populations (Araneae: Lycosidae and Linyphiidae) and Its  
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**Biodegradation of Organochlorine Pesticides by Means of  
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**Efficacy of Salicylic Acid as a Cofactor for Ameliorating Effects of Water Stress and Enhancing Wheat Yield and Water Use Efficiency in Saline Soil**





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**Microencapsulation of red onion peel polyphenols fractions by  
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The evaluation of sewage sludge application as a fertilizer  
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**Identification of Pm24, Pm35 and Pm37 in thirteen Egyptian bread wheat cultivars using SSR markers**



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Differential responses of two Egyptian barley (*Hordeum vulgare* L.)  
cultivars to salt stress



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Mahmoud A. Elhity, **Sherif M. Abdel-dayem**, Maha Nagy  
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Plant growth, yield and bioactive compounds of two culinary herbs as  
affected by substrate type



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**Effect of Various Coconut (Cocos nucifera) Milk Concentrations Instead of Egg Yolk on Freezability and Fertility of Frozen Holstein Bull Spermatozoa**



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**Secretory structures in the leaves of Hibiscus sabdariffa L.**



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**Effect of some osmoregulators on photosynthesis, lipid peroxidation, antioxidative capacity, and productivity of barley (*Hordeum vulgare* L.) under water deficit stress**





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**Indirect genetic effect model using feeding behaviour traits to define the degree of interaction between mates: an implementation in pigs growth rate**



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**Synbiotic Effects of *Aspergillus oryzae* and  $\beta$ -Glucan on Growth and Oxidative and  
Immune Responses of Nile Tilapia, *Oreochromis niloticus***





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**Dietary supplementation of selenium nanoparticles modulated systemic and mucosal immune status and stress resistance of red sea bream (*Pagrus major*)**



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**Probiotic application for sustainable aquaculture**



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Evaluation of salt tolerance mungbean genotypes and mitigation of salt stress through potassium nitrate fertilization



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**Influence of nitrogen application on dry biomass allocation and translocation in two maize varieties under short pre-anthesis and prolonged bracketing flowering periods of drought**





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**Detoxification and reduction of selenite to elemental red  
selenium by Frankia**