

Faculty of Agricultural

| NO | Title | Authors | Journal | Impact Factor |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------|
| ١ | Restoration and sequestration of carbon and nitrogen in the degraded northern coastal area in Nile Delta, Egypt for climate change mitigation | Heba Elbasiouny & Mohamed Abowaly & Abd_Allah Gad & Adel Abu_Alkheir & Fathy Elbehiry | Coast Conserv (2017) 21:105–114, ISSN:1400-0350 | 0.959 |
| ٢ | Effect of Glutathione on Cryopreservation of Buck Spermatozoa | Belal El-Behnsawy, El-Shenawy El-Siefy, Rawia El-Halawany, Mohamed El-Sharawy, Kaiyu Kubota, Nobuhiko Yamauchi And Abd El-Salam Metwally | J. Fac. Agr., Kyushu Univ, 62 (2), 367–372 (2017) , ISSN:0023-6152 | 0.296 |
| ٣ | A Contribution of Foam Separation Technique and Electro Coagulation for Dairy By-Products Treatment | Said Elshahat Abdallah , Wael Mohamed Elmessery | Ama-Agricultural Mechanization In Asia Africa And Latin America, Vol. 48, No. 3, 2017. Issn:0084-5841 | 0.118 |
| ٤ | Soybean Milk-Based Extender for Cryopreservation of Buck Spermatozoa | Waleed SOLTAN, El-Shenawy EL-SIEFY, Ibrahim ABD EL-RAZEK, Mohamed EL-SHARAWY, Kaiyu KUBOTA, Nobuhiko YAMAUCHI And Ibrahim EL-SHAMAA | J. Fac. Agr., Kyushu Univ., 62 (2), 361–366 (2017), ISSN:0023-6152 | 0.296 |
| ٥ | Alfalfa (Medicago sativa L.) seed yield in relation to phosphorus fertilization and honeybee pollination | Saad Naser Al-Kahtani , El-Kazafy Abdou Taha , Mohammed Al-Abdulsalam | Saudi Journal of Biological Sciences 24 (2017) 1051–1055, ISSN:1319-562X | 2.564 |
| ٦ | Honey Bees, Bee-collected Pollen and Honey as Monitors of Environmental Pollution at an Industrial Cement Area in Saudi Arabia | EL-KAZAFY A. TAHA , AHMED M. AL-JABR, AND SAAD N. AL-KAHTANI | Journal Of The Kansas Entomological Society 90(1), 2017, pp. 1–10, ISSN:0022-8567 | 0.505 |
| ٧ | Protein content and amino acids composition of bee-pollens from major floral sources in Al-Ahsa, eastern Saudi Arabia | El-Kazafy A. Taha , Saad Al-Kahtani , Reda Taha | Saudi Journal of Biological Sciences, ISSN:1319-562X | 2.564 |
| ٨ | Salicylic acid treatment saves quality and enhances antioxidant properties of apricot fruit | Ahmed Ezzat, Amin Ammar , Zoltán Szabó1, Imre J. Holb | Hort. Sci. (Prague) Vol. 44, 2017 (2): 73–81, ISSN:0862-8673 | 0.566 |
| ٩ | Boron: Spatial Distribution in an Area of North Nile Delta, Egypt | Fathy Elbehiry, Heba Elbasiouny & Ahmed El-Henawy | Communications in Soil Science and Plant Analysis,ISSN: 0010-3624 | 0.589 |

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| ١٠ | Effect of the different types of land-use on the distribution of soil organic carbon in north Nile Delta, Egypt | Ebrahim M. Eid • Farahat S. Moghanm • Kamal H. Shaltout | Rend. Fis. Acc. Lincei (2017) 28:481–495,ISSN: 2037 -4631 | 0.693 |
| ١١ | Engineered silica nanoparticles alleviate the detrimental effects of Na ⁺ stress on germination and growth of common bean (<i>Phaseolus vulgaris</i>) | Abdullah H. Alsaeed, Hassan El-Ramady , Tarek Alshaal, Mohamed El-Garawani, Nevien Elhawat and Mahdi Almohsen | Environ Sci Pollut Res,ISSN:0944-1344, | 2.741 |
| ١٢ | Effect of probiotic supplementation and genotype on growth performance, carcass traits, hematological parameters and immunity of growing rabbits under hot environmental conditions | Moataz Fathi, Magdy Abdelsalam, Ibrahim Al-Homidan, Tarek Ebeid , Mohamed El-Zarei And Osama Abou-Emera | Animal Science Journal (2017) 88, 1644–1650, ISSN: 1344-3941 | 1.325 |
| ١٣ | Influence of probiotic supplementation on immune response in broilers raised under hot climate | M. M. Fathia,, T. A. Ebeid , I. Al-Homidan, N. K. Soliman and O. K. Abou-Emera | British Poultry Science, 2017, Vol. 58, No. 5, 512–516 , 0007-1668 | 0.884 |
| ١٤ | Trace elements in the soil-plant interface: Phytoavailability, translocation, and phytoremediation—A review | Vasileios Antoniadis, Efi Levizoua, Sabry M. Shaheen . Yong Sik Okc, Abin Sebastian, Christel Baum, Majeti N.V. Prasadd, Walter W. Wenzelf, Jörg Rinklebeg, | Earth-Science Reviews 171 (2017) 621–645, ISSN: 0012-8252 | 7.051 |
| ١٥ | Zinc sorption by different soils as affected by selective removal of carbonates and hydrous oxides | Vasileios Antoniadis , Sabry M. Shaheen , Christos D. Tsadilas , Magdi H. Selim , J€org Rinkleb | <i>Applied Geochemistry xxx (2017) 1e10, ISSN:0883-2927</i> | 2.581 |
| ١٦ | Modulation of hexavalent chromium toxicity on <i>Origanum vulgare</i> in an acidic soil amended with peat, lime, and zeolite | Vasileios Antoniadis , Anna A. Zanni , Efi Levizou , Sabry M. Shaheen , Anthoula Dimirkou , Nanthi Bolan , J€org Rinklebe | <i>Chemosphere 195 (2018) 291e300,ISSN:0045-6535</i> | 4.208 |
| ١٧ | Impact of raking and bioturbation-mediated ecological manipulation on sediment–water phosphorus diagenesis: a mesocosm study supported with radioactive signature | Jayanta K. Biswas . Saumen Hazra . Jayjit Majumdar . Sushil K. Mandal . Sabry M. Shaheen . Santosh K. Sarkar . Ralph Meissner . Erik Meers . Jo`rg Rinklebe | <i>Environ Geochem Health (2017) 39:1563–1581, ISSN:0269-4042</i> | 2.616 |

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| NO | Title | Authors | Journal | Impact Factor |
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| ١٨ | Multi-metal resistance and plant growth promotion potential of a wastewater bacterium <i>Pseudomonas aeruginosa</i> and its synergistic benefits | Sabry M. Shaheen | <i>Environ Geochem Health</i> (2017) 39:1583–1593 ISSN:0269-4042 | 2.616 |
| ١٩ | Arsenic removal by perilla leaf biochar in aqueous solutions and groundwater: An integrated spectroscopic and microscopic examination* | Sabry M. Shaheen | <i>Environmental Pollution</i> 232 (2018) 31e41 ISSN:0269-7491 | 5.099 |
| ٢٠ | Redox chemistry of nickel in soils and sediments: A review | Sabry M. Shaheen | <i>Chemosphere</i> 179 (2017) 265e278, ISSN: 0045-6535 | 4.208 |
| ٢١ | Geochemical distribution of Co, Cu, Ni, and Zn in soil profiles of Fluvisols, Luvisols, Gleysols, and Calcisols originating from Germany and Egypt | Sabry M. Shaheen | <i>Geoderma</i> 307 (2017) 122–138,ISSN:0086-7061 | 4.036 |
| ٢٢ | Vanadium in thirteen different soil profiles originating from Germany and Egypt: Geochemical fractionation and potential mobilization | Sabry M. Shaheen | <i>Applied Geochemistry</i> xxx (2017) 1e14, ISSN:0883-2927 | 2.581 |
| ٢٣ | Various soil amendments and environmental wastes affect the (im) mobilization and phytoavailability of potentially toxic elements in a sewage effluent irrigated sandy soil | Sabry M. Shaheen | <i>Ecotoxicology and Environmental Safety</i> 142 (2017) 375–387, ISSN: 0147-6513 | 3.743 |
| ٢٤ | Arsenic, chromium, molybdenum, and selenium: Geochemical fractions and potential mobilization in riverine soil profiles originating from Germany and Egypt | Sabry M. Shaheen | <i>Chemosphere</i> 180 (2017) 553e563,ISSN:0045-6535 | 4.208 |
| ٢٥ | Biosolids application affects the competitive sorption and lability of cadmium, copper, nickel, lead, and zinc in fluvial and calcareous soils | Sabry M. Shaheen | <i>Environ Geochem Health</i> (2017) 39:1365–1379, ISSN: 0269-4042 | 2.616 |
| ٢٦ | Compost and sulfur affect the mobilization and phytoavailability of Cd and Ni to sorghum and barnyard grass in a spiked fluvial soil | Sabry M. Shaheen | <i>Environ Geochem Health</i> (2017) 39:1305–1324, ISSN: 0269-4042 | 2.616 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|
| ٢٧ | Impact of biosolid application rates on competitiveness and distribution coefficients of Cd, Cu, Ni, Pb, and Zn in an Alfisol and an Entisol Sabry | Sabry M. Shaheen | <i>Process Safety and Environmental Protection</i> , No. of Pages 11, ISSN: 0957-5820 | 2.905 |
| ٢٨ | Hepato- And Nephrotoxicity In Male Albino Rats Exposed To Malathion And Spinosad In Stored Wheat Grains | Nour El-Hoda A. Zidan | <i>Acta Biologica Hungarica</i> 66(2), pp. 133–148 (2015), ISSN: 0236-5383 | 0.506 |
| ٢٩ | Genetic Relationship and Diversity in Some Ornamental Palms Based on Proteins and Randomly Amplified Polymorphic DNA Markers | Antar Nasr El-Banna , Mohammed Elsayed El-Mahrouk, Yaser Hassan Dewir | <i>HORTSCIENCE</i> 52(3):338–342. 2017 | 0.848 |
| ٣٠ | Functional characterization of the silenced potato cysteine proteinase inhibitor gene (PCPI) in <i>Phytophthora infestans</i> resistance | Antar Nasr El-Banna | <i>Physiological and Molecular Plant Pathology</i> 100 (2017) 23e29 | 1.135 |
| ٣١ | Assessment of complex water pollution with heavy metals and Pyrethroid pesticides on transcript levels of metallothionein and immune related genes | Haneen A. Ghazy , Mohamed A.S. Abdel-Razek , Abeer F. El Nahas c. *, Shawky Mahmoud | <i>Fish & Shellfish Immunology</i> 68 (2017) 318e326, ISSN: 1050-4648 | 3.148 |
| ٣٢ | Evaluation of Levels, Sources and Health Hazards of Road- Dust Associated Toxic Metals in Jalalabad and Kabul Cities, Afghanistan | Waqar Azeem Jadoon · Wahdatullah Khpalwak · Russel Chrispine Garven Chidya · Sherif Mohamed Mohamed Ali Abdel- Dayem · Kazuhiko Takeda · Masood Arshad Makhdoom · Hiroshi Sakugawa | <i>Archives of Environmental Contamination and Toxicology</i> . ISSN: 0090-4341 | 2.467 |
| ٣٣ | Individual and combined effects of fluoranthene, phenanthrene, mannitol and sulfuric acid on marigold (<i>Calendula officinalis</i>) | Sherif M. Abdel-dayem | <i>Ecotoxicology and Environmental Safety</i> 148 (2018) 834–841 ISSN: 0147-6513 | 3.743 |
| ٣٤ | Trends in usage of selected fungicides in Japan between 1962 and 2014: a review | S. M. Abdel-dayem | <i>Int. J. Environ. Sci. Technol.</i> ISSN: 1735-1472 | 1.915 |

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| ٣٥ | Thermal imaging and passive reflectance sensing to estimate the water status and grain yield of wheat under different irrigation regimes | Salah Elsayed, Mohamed Elhoweity, Hazem H. Ibrahim, Yaser Hassan Dewir , Hussein M. Migdadi, Urs Schmidhalter | <i>Agricultural Water Management</i> 189 (2017) 98–110,ISSN:0378-3774 | 2.848 |
| ٣٦ | In vitro propagation of African violet: A review | Yaser Hassan Dewir | <i>South African Journal of Botany</i> 112 (2017) 501–507, ISSN:0254-6299 | 1.427 |
| ٣٧ | African violet (<i>Saintpaulia ionantha</i> H. Wendl.): classical breeding and progress in the application of biotechnological techniques | Yaser Hassan Dewir | <i>Folia Hort.</i> 29/2 (2017): 99-111,ISSN:0867-1761 | 0.359 |
| ٣٨ | Utilization of Grape Fruit Waste-based Substrates for Seed Germination and Seedling Growth of Lemon Basil | Mohammed El-Sayed El-Mahrouk , Yaser Hassan Dewir, and Salah El-Hendawy | <i>Horttechnology</i> , August 2017 27(4),ISSN:1063-0198 | 0.529 |
| ٣٩ | Selenium fortification induces growth, antioxidant activity, yield and nutritional quality of lettuce in salt-affected soil using foliar and soil applications | Tarek Shalaby & Yousry Bayoumi & Tarek Alshaal & Nevien Elhawat & Attila Sztrik & Hassan El-Ramady | <i>Plant Soil</i> , ISSN:0032-079X | 3.052 |
| ٤٠ | Use of seaweed extract as a promising post-harvest treatment on Washington Navel orange (<i>Citrus sinensis</i> Osbeck) | Alaa El-Din K. Omar | <i>Biological Agriculture & Horticulture</i> , 2014,ISSN:0144-8765 | 0.898 |
| ٤١ | Natural Products for Controlling <i>Sitophilus oryzae</i> with Respect to the Effect of Storage Conditions and Grain Type | Amany Mohamed Hamza | <i>Egyptian Journal of Biological Pest control</i> 25(1) 2015 145-151, ISSN:1110-1768 | 0.184 |

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| ٤٦ | Response of barley quality traits, yield and antioxidant enzymes to water-stress and chemical inducers | E.M. Hafez, M.F. Seleiman | International Journal of Plant Production 11 (4), October 2017 ISSN: 1735-6814 (Print), 1735-8043 (Online) | 1.065 |
| ٤٣ | Effect of dietary zinc-methionine supplementation on growth performance, nutrient utilization, antioxidative properties and immune response in broiler chickens under high ambient temperature | Ahmed A. Saleh, Mohamed M. Ragab, Enas A. M. Ahmed, Alaeldein M. Abudabos and Tarek A. Ebeid | <i>Journal of Applied Animal Research</i> , ISSN: 0971-2119 (Print) 0974-1844 (Online) | 0.426 |
| ٤٤ | Genetic analysis of meat quality traits in maternal lines of rabbit and their diallel cross | C. Mínguez, J.P. Sánchez, P. Hernández, M. Ragab , A.G. EL Nagar, M. Baselga | <i>Meat Science</i> 131 (2017) 1–8, ISSN: 0309-1740 | 3.126 |
| ٤٥ | Interaction of direct and social genetic effects with feeding regime in growing rabbits | Mohamed Ragab | <i>Genet Sel Evol</i> (2017) 49:58, ISSN: 0999-193X | 2.964 |
| ٤٦ | Genetic parameters and expected responses to selection for components of feed efficiency in a Duroc pig line | Mohamed Ragab | <i>Genet Sel Evol</i> (2017) 49:86 ISSN: 0999-193X | 2.964 |
| ٤٧ | Crossbreeding effects on rabbit reproduction from four maternal lines of rabbits | M. Ragab | <i>Animal</i> (2016), 10:7, pp 1086–1092, ISSN: 1751-7311 | 1.921 |
| ٤٨ | Influence of pre-storage incubation on hatchability traits, thyroid hormones, antioxidative status and immunity of newly hatched chicks at two chicken breeder flock ages | Mohamed Ragab Ghanem , T. A. Ebeid | <i>Animal</i> , ISSN: 1751-7311 | 1.921 |
| ٤٩ | Development of an in vitro model to study uterine functions and early implantation using rat uterine explants | Mohamed El-Sharawy | <i>Cell Tissue Res</i> , ISSN 0302-766X | 2.787 |
| ٥٠ | Dietary supplementation of β - glucan improves growth performance, the innate immune response and stress resistance of red sea bream, <i>Pagrus major</i> | Mahmoud A.O. Dawood | <i>Aquaculture nutrition</i> , ISSN: 1353-5773 | 1.665 |
| ٥١ | Vitamin C supplementation to optimize growth, health and stress resistance in aquatic animals | Mahmoud A.O. Dawood | <i>Reviews in Aquaculture</i> (2016) 0, 1–17, ISSN: 1753-5123 | 4.618 |
| ٥٢ | Physiological response, blood chemistry profile and mucus secretion of red sea bream (<i>Pagrus major</i>) fed diets supplemented with <i>Lactobacillus rhamnosus</i> under low salinity stress | Mahmoud A.O. Dawood | <i>Fish Physiol Biochem</i> (2017) 43:179–192, ISSN: 0920-1742 | 1.647 |

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| ٥٣ | Protective role of dietary <i>Spirulina platensis</i> against diazinon-induced Oxidative damage in Nile tilapia; <i>Oreochromis niloticus</i> | Mahmoud A.O. Dawood | <i>Environmental Toxicology and Pharmacology</i> 54 (2017) 99–104, ISSN:1382-6689 | 2.313 |
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| ٥٤ | Effects of <i>Pediococcus pentosaceus</i> supplementation on growth performance, intestinal microflora and disease resistance of white shrimp, <i>Litopenaeus vannamei</i> | M. Adel, S. Yeganeh, M.A.O. Dawood , R. Safari, S. Radhakrishnan | <i>Aquaculture Nutrition</i> 2017; 1–9 ISSN:1353-5773 | 1.665 |
| ٥٥ | Effects of dietary chitosan on growth, lipid metabolism, immune response and antioxidant-related gene expression in <i>Misgurnus anguillicaudatus</i> | Mahmoud A.O. Dawood | <i>Beneficial Microbes</i> , 2017; 8(3): 439-449 ISSN: 1876-2883 | 2.923 |
| ٥٦ | Effects of <i>Cordyceps militaris</i> spent mushroom substrate and <i>Lactobacillus plantarum</i> on mucosal, serum immunology and growth performance of Nile tilapia (<i>Oreochromis niloticus</i>) | Mahmoud A.O. Dawood | <i>Fish & Shellfish Immunology</i> 70 (2017) 87e94 ISSN: 1050-4648 | 3.148 |
| ٥٧ | Effects of dietary protein and lipid levels on growth performance, fatty acid composition and antioxidant-related gene expressions in juvenile loach <i>Misgurnus anguillicaudatus</i> | Mahmoud A.O. Dawood | <i>Aquaculture Research</i> . 2017;1–9. ISSN: 1355-557X | 1.461 |
| 58 | Beneficial roles of feed additives as immunostimulants in aquaculture: a review | Mahmoud A.O. Dawood | <i>Reviews in Aquaculture</i> (2017) 0, 1–25, ISSN:1753-5123 | 4.618 |
| 59 | Immunological responses and disease resistance of rainbow trout (<i>Oncorhynchus mykiss</i>) juveniles following dietary administration of stinging nettle (<i>Urtica dioica</i>) | Mahmoud A.O. Dawood | <i>Fish and Shellfish Immunology</i> 71 (2017) 230–238, ISSN: 1050-4648 | 3.148 |
| 60 | Pb ²⁺ tolerance by <i>Frankia</i> sp. strain EAN1pec involves surfacebinding | Medhat Rehan | <i>Microbiology</i> , ISSN: 0026-2617 | 0.856 |
| ٦١ | Control of <i>Puccinia triticina</i> the causal agent of wheat leaf rust disease using safety resistance inducers correlated with endogenously antioxidant enzymes up-regulation | Yaser M. Hafez , Abdelaal Kh. A.A., Mahmoud M. Badr and Reda A. Esmail | <i>Egyptian journal of Biological an pest control</i> , 27 (1) 2017 | 0.184 |
| ٦٢ | Suppression of Potato virus Y infection in tobacco by plant growth promoting fungi | Mohsen Mohamed Elsharkawy | <i>Egyptian journal of Biological an pest control</i> , | 0.184 |

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| ٦٣ | Molecular identification and characterization of the new 16SrIXJ and cpn60UT IX-J phytoplasma subgroup associated with chicory bushy stunt disease in Saudi Arabia | Ayman F. Omar | Int J Syst Evol Microbiol, ISSN: 2466-5026 | 2.634 |
| 64 | Detection and molecular characterization of phytoplasmas associated with vegetable and alfalfa crops in Qassim region | Ayman F. Omar | JOURNAL OF PLANT INTERACTIONS, 2017 VOL. 12, NO. 1, 58–66,ISSN: 1742-9145 | 1.628 |