

## Winners of University Scientific Publication Prize

### The Faculty of Agriculture

N	The Winner	The Degree	Scientific Department	The Research Name
1	Dr Saied el Shaahat Abed Allah	Assistant Professor	Agricultural Engineering	<b>Effectiveness of the Aeration Method and Pile Shape during Composting Process</b>
2	Dr Saied el Shaahat Abed Allah	Assistant Professor	Agricultural Engineering	<b>Temperature and Airflow Rate Effect on Artificial Ripening Process of Banana</b>
3	Dr Saied el Shaahat Abed Allah	Assistant Professor	Agricultural Engineering	<b>Evaluating the Performance of a Bulk-Milk Cooler on a Dairy Farm</b>
4	Dr Saied el Shaahat Abed Allah	Assistant Professor	Agricultural Engineering	<b>Modification and Performance Characteristics of a New Prototype for Cleaning Seed Cotton</b>
5	Dr el Saied Bilal Abed el Motilb	Assistant Professor	Agricultural Plant	<b>Use of spirulina (<i>Arthrospira fusiformis</i>) for promoting growth of Nile Tilapia fingerlings</b>
6	Dr Nahid el Saied Hasan	Assistant Professor	Pesticides	<b>Protective and curative effects of foliar-spray Fenton solutions against cucumber (<i>Cucumis sativus</i>, L.) powdery mildew</b>
7	Dr Tarek Amin Obaid	Assistant Professor	Poultry production	<b>High ambient temperature influences eggshell quality and calbindin-D<sub>9k</sub> localization of eggshell gland and all intestinal segments of laying hens</b>
8	Dr Tarek Amin Obaid	Assistant Professor	Poultry production	<b>Vitamin E and organic selenium enhances the antioxidative status and quality of chicken cocokerel semen under high ambient temperature</b>

9	Dr Shadi Nabil el Gaish	Lecturer	Diary milk sciences	<b>Characterization of new strain <i>Lactobacillus paracasei</i> I-N- with proteolytic activity: Potential role in decrease in b-casein immuno-reactivity</b>
10	Dr Alaa el Deen Khalil Omar	Assistant Professor	Horticulture	<b>Effects of foliar application with compost tea and filtrate biogas slurry liquid on yield and fruit quality of Washington navel orange ( <i>Citrus sinensis</i> Osbeck) trees</b>
11	Dr Amani Mohamed Hamza	Lecturer	Pesticides	<b>Efficacy and safety of Non – traditional Methods as alternatives for control of <i>Sitophilus oryza</i> (L) ( Coleoptera:Curulionidae) in Rice Grains</b>
12	Dr Mohamed Tawfiq Rakhaa	Lecturer	Horticulture	<b>Evaluation of regenerated strains from six <i>Cucurbita</i> interspecific hybrids obtained through anther and ovule in vitro cultures</b>
13	Dr Ahmed Ali Salih	Lecturer	Poultry Production	<b>Feeding <i>Aspergillus awamori</i> reduces skeletal muscle protein breakdown and stimulates growth in broilers</b>
14	Dr Ahmed Ali Salih	Lecturer	Poultry Production	<b>The modification of the muscle fatty acid profile by dietary supplementation with <i>Aspergillus awamori</i> in broiler chickens</b>
15	Dr Yasser Mohamed Hafez	Assistant Professor	Agricultural Plant	<b>Up-Regulation of Antioxidants in Tobacco by Low Concentrations of H<sub>2</sub>O<sub>2</sub> Suppresses Necrotic Disease Symptoms</b>

16	Dr Ali Suliman Derbala	Assistant Professor	Pesticides	<b>Antifungal activity of some plant extracts against sugar beet damping-off caused by Sclerotium rolfsii</b>
17	Dr Ali Suliman Derbala	Assistant Professor	Pesticides	<b>Some recent approaches to control Tuta absoluta in tomato under greenhouse conditions</b>
18	Dr Ali Suliman Derbala	Assistant Professor	Pesticides	<b>Alternatives to Control Powdery Mildew and Early Blight Diseases of Tomato under reenhouse Conditions</b>
19	Dr Saad Zakaria Mosa	Lecturer	Pesticides	<b>Some recent approaches to control powdery mildew of pepper under greenhouse conditions</b>
20	Dr Ahmed Abu Zaid Ismail	Assistant Professor	Pesticides	<b>Efficiency of different remediation technologies for fenitrothion and dimethoate removal in the aquatic system</b>
21	Dr Emad el Deen Maher Hafez	Lecturer	Crops	<b>The Effect of Different Nitrogen Sources from Urea and Ammonium Sulfate on the Spikelet Number in Egyptian Spring Wheat Cultivars on Well Watered Pot Soils</b>
22	Dr Ayman Faisal Omar	Assistant Professor	Agricultural Plant	<b>Cucurbit aphid-borne yellowing virus (CABYV) in Egypt</b>

23	Dr Ayman Faisal Omar	Assistant Professor	Agricultural Plant	<b>Occurrence and incidence of phytoplasmas of the SrII-D subgroup on solanaceous and cucurbit crop in Egypt</b>
24	Dr Mohsen Mohamed el Sharkawi	Lecturer	Agricultural Plant	<b>Induction of systemic resistance against Cucumber mosaic virus by Penicillium simplicissimum GP - in Arabidopsis and tobacco</b>
25	Dr Mohsen Mohamed el Sharkawi	Lecturer	Agricultural Plant	<b>The plant growth-promoting fungus Fusarium equiseti and the arbuscular mycorrhizal fungus Glomus mosseae induce systemic resistance against Cucumber mosaic virus in cucumber plants</b>

The Faculty of Veterinary Medicine:

N	The Winner	The Degree	The Scientific Department	
1	Dr Sami Gomaa Kasim	Lecturer	Virology	<b>Functional characterization of EUL in productive replication, morphogenesis and infectivity of equine herpesvirus</b>
2	Dr Wael Fawzi Teras	Assistant Professor	Hygiene and Preventive Medicine Department	<b>SOURCE DIVERSITY OF TOXOPLASMA GONDII INFECTION DURING MEAL PREPARATIONjfs_</b>
3	Dr Wael Fawzi Teras	Assistant Professor	Hygiene and Preventive Medicine Department	<b>PLANT EXTRACTS AS POTENT BIOPRESERVATIVES FOR SALMONELLA TYPHIMURIUM CONTROL AND QUALITY ENHANCEMENT IN GROUND Beefs_</b>

4	Dr Wael Fawzi Teras	Assistant Professor	Hygiene and Preventive Medicine Department	<b>Seroprevalence of Hepatitis E Virus in Humans and Geographically Matched Food Animals in Egypt</b>
5	Dr Wael Fawzi Teras	Assistant Professor	Hygiene and Preventive Medicine Department	<b>Surface Decontamination and Quality Enhancement in Meat Steaks Using Plant Extracts as Natural Biopreservatives</b>
6	Prof Dr Adel Abed el Fatah Ramoon	Professor	Obstetrics, Gynecology and Artificial Insemination Department	<b>Enhancing follicular growth as a prerequisite for GnRH treatment of true anestrus in buffalo</b>
7	Dr Essam Abed el Salam el Maadli	Lecturer	Obstetrics, Gynecology and Artificial Insemination Department	<b>Methodological factors affecting the results of staining frozen–thawed fertile and subfertile Japanese Black bull spermatozoa for acrosomal status</b>

8	Prof Dr Tarek Mahmoud Balabil	Professor	Hygiene and Preventive Medicine Department	<b>Effect of different photoperiods and melatonin treatment on rabbit reproductive performance</b>
9	Dr Amin Mohamed Tahooun	Lecturer	Veterinary Medicine Department	<b>Salmonella Transforms Follicle-associated Epithelial Cells into M cells to Promote Intestinal Invasion</b>
10	Dr Amin Mohamed Tahooun	Lecturer	Veterinary Medicine Department	<b>Comparative analysis of EspF Variants in inhibition of Escherichia coli phagocytosis by Macrophages and inhibition of E. coli Translocation through Human- and Bovine – Derived M Cells</b>
11	Dr Nagwan Mahmoud el Habshi	Lecturer	Pathology	<b>Kinetics and Pathogenicity of Oral Infection by Equine Herpesvirus- in Mice and Suckling Hamsters</b>

12	Dr Nagwan Mahmoud el Habshi	Lecturer	Pathology	<b>Neuropathogenicity of Equine Herpesvirus in Cattle</b>
13	Dr Nagwan Mahmoud el Habshi	Lecturer	Pathology	<b>Study on the Infectivity of Equine Herpesvirus (EHV- ) by Different Routes of Inoculation in Hamsters</b>
14	Dr Nagwan Mahmoud el Habshi	Lecturer	Pathology	<b>Kinetics and Pathogenicity of Equine Herpesvirus- Infection following Intraperitoneal Inoculation in Hamsters</b>
15	Dr Nagwan Mahmoud el Habshi	Lecturer	Pathology	<b>An Ocular Infection Model Using Suckling Hamsters Inoculated With Equine Herpesvirus (EHV- ): Kinetics of the Virus and Time-Course Pathogenesis of EHV- – Induced Encephalitis via the Eye</b>
16	Dr Samah Salim el Saied Abu Asa	Assistant Lecturer	Pathology	<b>Expression of platelet-derived growth factor and its receptors in spontaneous canine hemangiosarcoma and cutaneous hemangioma.</b>
17	Prof Dr Abed el Raziq Youssef Dousouki	Professor	Parasitology Department	<b>First record of <i>Mothocya melanosticta</i> Schioedte and Meinert, (Isopoda: Cymothoidae) from Egyptian pinecone soldierfish with special reference to its infestation status</b>

18	Dr Alaa Mustafa Kamil Motwali	Lecturer	Department of surgery and anesthesia and X-ray	<b>Mechanical Loading – related changes in osteocyte sclerostin expression in mice are more closely associated with the subsequent osteogenic response than the peak strains engendered</b>
19	Dr Mohamed el Saied Abu el Magd	Lecturer	Anatomy and Embryology Department	<b>In situ hybridization and immunohistochemical localization of leptin hormone and leptin receptor in the seminal vesicle and prostate gland of adult rat</b>
20	Dr Mohamed el Saied Abu el Magd	Lecturer	Anatomy and Embryology Department	<b>Macro-microscopic study on the toepad of ostrich (Struthio camelus)</b>
21	Dr Yamin Mohamed Hegazi	Lecturer	Veterinary Medicine Department	<b>Ruminant Brucellosis in the Kafr El Sheikh Governorate of the Nile Delta, Egypt: Prevalence of a Neglected Zoonosis</b>
22	Dr Walid Subhi Abdu	Lecturer	Pathology	<b>Combined effects of organochlorine pesticides heptachlor and hexachlorobenzene on the promotion stage of hepatocarcinogenesis in rats</b>

The Faculty of Engineering:

N	The Winner	The Degree	The Scientific Department	The Research Name
1	Prof Dr Mofrih Hamda Hamid	Professor	Mechanical Engineering	<b>Numerical simulation of heat and mass transfer in pneumatic conveying dryer</b>
2	Prof Dr Mofrih Hamda Hamid	Professor	Mechanical Engineering	<b>Numerical and experimental studies of heat transfer in particle-laden gas flows through a vertical riser</b>
3	Prof Dr Arfah Abed el Thaher Nasif	The professor emeritus	Physics and Engineering Sports	<b>Computer Programming for Constructing Minimal Sets and all Normal and Regular Topologies on Finite Sets</b>
4	Dr Zakaria Mohamed Omara	Lecturer	Mechanical Engineering	<b>Augmentation of the basin type solar still using photovoltaic powered turbulence system</b>
5	Samah Mahmoud el Khouli	Lecturer	Physics and Engineering Sports	<b>Quadratic spline solution for boundary value problem of fractional order</b>
6	Eng Shamia Gamri el Saied el Sherbini	Assistant Lecturer	Electrical Engineering	<b>Design and optimization of light emitting device based on CdTe-QD as an emissive layer</b>
7	Eng Baidair Baidair Abu el Ainin	Assistant Lecturer	Electrical Engineering	<b>Optical responses of plasmonic gold nanoantennas through numerical simulation</b>
8	Eng Mohamed Mohamed Youness	Assistant Lecturer	Mechanical Engineering	<b>Theoretical and experimental parametric study of modified stepped solar still</b>



The Faculty of Science:

N	The Winner	The Degree	The Scientific Department	The Research Name
1	Prof Dr Mohamed Mosa Ibrahim	Professor	Chemistry	<b>Synthesis, Characterization, and Electrochemical Properties of Bis( - benzimidazolymethyl- -sulfonate)amine- based zinc(II), copper(II), and idovanadium(IV) Complexes: SOD Scavenging, DNA binding, and Anticancer Activities</b>
2	Prof Dr Mohamed Mosa Ibrahim	Professor	Chemistry	<b>Thioimidazolate versus pyrazolate-zinc(II)-bound hydroxo complex as structural model for the active site of hydrolytic enzyme: the crystal structure of the inclusion complex TtZn–O– C H –p-NO , Tt hydrotris(N- xylyl-thioimidazolyl)borate</b>
3	Prof Dr Mohamed Mosa Ibrahim	Professor	Chemistry	<b>Synthesis, characterization, and antimicrobial activities of barbital-based alkaline earth metal complexes: the X-ray crystal structure of [Ba H(Barb) ] (Barb^ -diethyl barbiturate)</b>
4	Prof Dr Mohamed Mosa Ibrahim	Professor	Chemistry	<b>Pit initiation and growth control of Al in KSCN solutions</b>
5	Prof Dr Mohamed Mosa Ibrahim	Professor	Chemistry	<b>Corrosion and corrosion control of mild steel in concentrated H SO solutions by a newly synthesized glycine derivative</b>
6	Prof Dr Mohamed Mosa Ibrahim	Professor	Chemistry	<b>SYNTHESIS, SPECTROSCOPIC, THERMAL AND ELECTRICAL CONDUCTIVITY STUDIES OF THREE CHARGE TRANSFER COMPLEXES FORMED BETWEEN -DI[(E)- -( - HYDROXYPHENYL)METHYLIDENEAMINO]- - PROPANOL SCHIFF BASE AND DIFFERENT ACCEPTORS</b>
7	Prof Dr Mohamed Mosa Ibrahim	Professor	Chemistry	<b>Solution studies of tris( - benzylaminoethyl)amine complexes of zinc(II) and copper(II): The catalytic hydrolysis of toxic organophosphate</b>
8	Dr Mohamed el Saied el Kholi	Assistant Professor	Chemistry	<b>Light harvesting zinc naphthalocyanine–perylene diimide supramolecular dyads: long-lived charge-separated states in nonpolar media</b>

9	Dr Mohamed el Saied el Kholi	Assistant Professor	Chemistry	<b>Subphthalocyanines as Light-Harvesting Electron Donor and Electron Acceptor in Artificial Photosynthetic Systems</b>
10	Dr Mohamed el Saied el Kholi	Assistant Professor	Chemistry	<b>Photoinduced Electron Transfer in Zinc Naphthalocyanine–Naphthalenediimide Supramolecular Dyads</b>
11	Dr Mohamed el Saied el Kholi	Assistant Professor	Chemistry	<b>Photoinduced Electron Transfer in a Ferrocene–Distyryl BODIPY Dyad and a Ferrocene–Distyryl BODIPY–C Triad**</b>
12	Dr Mohamed el Saied el Kholi	Assistant Professor	Chemistry	<b>Ultrafast Photoinduced Energy and Electron Transfer in Multi-Modular Donor–Acceptor Conjugates</b>
13	Dr Mohamed el Saied el Kholi	Assistant Professor	Chemistry	<b>Mimicking Photosynthetic Antenna-Reaction-Center Complexes with a (Boron Dipyrromethene) –Porphyrin–C Pentad</b>
14	Dr Mohamed el Saied el Kholi	Assistant Professor	Chemistry	<b>Annulation of Tetrathiafulvalene to the Bay Region of Perylenediimide: Fast Electron-Transfer Processes in Polar and Nonpolar Solvents</b>
15	Dr Mohamed el Saied el Kholi	Assistant Professor	Chemistry	<b>Electron Delocalization in One-Dimensional Perylenediimide Nanobelts through Photoinduced Electron Transfer</b>
16	Dr Mohamed el Saied el Kholi	Assistant Professor	Chemistry	<b>Light harvesting phthalocyanine/subphthalocyanine system: intermolecular electron-transfer and energy-transfer reactions via the triplet subphthalocyanine</b>
17	Dr Mohamed el Saied el Kholi	Assistant Professor	Chemistry	<b>Photoinduced energy-transfer and electron-transfer processes in molecules of tetrakis((E)- ( -hexyl- -bithiophen- -yl)vinyl)benzene and perylenediimide</b>
18	Dr Mohamed el Saied el Kholi Dr Mohamed el Saied el	Assistant Professor	Chemistry	<b>Saddle Distortion of a Sterically Unhindered Porphyrin Ring in a Copper Porphyrin with Electron-Donating Substituents</b>
19	Dr Mohamed el Saied el Kholi	Assistant Professor	Chemistry	<b>Photoinduced Electron Transfer in a Distyryl BODIPY–Fullerene Dyad</b>
20	Dr Mohamed el Saied el Kholi	Assistant Professor	Chemistry	<b>Elongation of Lifetime of the Charge- Separated State of Ferrocene_Naphthalenediimide_[ ]Fullerene Triad via Stepwise Electron Transfer</b>

21	Dr Shabaan Abed el Fatah Youssef	Assistant Professor	Chemistry	<b>Titanium isopropoxide complexes containing diamine bis-thiolato based [N S ] – ligands; effect of steric bulk on coordination features</b>
22	Dr Shabaan Abed el Fatah Youssef	Assistant Professor	Chemistry	<b>Seven-coordinate iron(II) complexes of sulfur-based N S -macrocyclic ligands: synthesis, properties, and crystal structure</b>
23	Dr Shabaan Abed el Fatah Youssef	Assistant Professor	Chemistry	<b>Structural and catalytic aspects of copper(II) complexes containing -bis(imino)pyridyl ligands</b>
24	Dr Samia Mohamed el Saigani	Assistant Professor	Chemistry	<b>Sustained- Release of Flutamide From Radiation- crosslinked Poly( -acryloyl morpholine- acrylic acid) Hydrogels</b>
25	Dr Mohamed Subhi Abed el Gafar	Lecturer	Mathematics	<b>ELASTIC FOUNDATION ANALYSIS OF UNIFORMLY LOADED FUNCTIONALLY GRADED VISCOELASTIC SANDWICH PLATES</b>
26	Dr Ibrahim Mohamed Eid	Lecturer	Geology	<b>Modeling growth dynamics of Typha domingensis (Pers.) Poir. ex Steud. in Lake Burullus, Egypt</b>
27	Dr Ibrahim Mohamed Eid	Lecturer	Geology	<b>Ten years primary succession on a newly created landfill at a lagoon of the Mediterranean Sea (Lake Burullus RAMSAR site).</b>
28	Dr Ibrahim Mohamed Eid	Lecturer	Geology	<b>Seasonal courses of nutrients and heavy metals in water, sediment and above and below-ground Typha domingensis biomass in Lake Burullus (Egypt): Perspectives for phytoremediation</b>
29	Dr Mohamed Ramadan Eraqi	Lecturer	Physics	<b>Electrical conductivity of cobalt–titanium substituted SrCaM hexaferrites</b>
30	Dr Osama Zaid Nagi	Assistant Professor	Physics	<b>Energies, wavelengths, and transition probabilities for Ge-like Kr, Mo, Sn, and Xe ions</b>
31	Dr Osama Zaid Nagi	Assistant Professor	Physics	<b>Radioactivity of sand, groundwater and wild plants in northeast Sinai, Egypt</b>
32	Prof Dr Taher Morsi Sharshar	Professor	Physics	<b>Infrared, Raman, <sup>1</sup>H NMR, thermal and positron annihilation lifetime studies of Pb(II), Sn(II), Sb(III), Bi(III)-barbital complexes</b>
33	Prof Dr Taher Morsi Sharshar	Professor	Physics	<b>Synthesis and characterization of highly conductive charge-transfer complexes using positron annihilation spectroscopy</b>

34	Dr Amina el Saied el Tarras	Lecturer	Chemistry	<b>Synthesis, characterization, magnetic, thermal and electrochemical studies of oxidovanadium(IV) picolyl hydrazones as functional catechol oxidase models</b>
35	Prof Dr Ashraf Abed el Hamid el Shahawi	Professor	Chemistry	<b>Palladium-Catalyzed Direct C–H Arylation of Thieno[ -b]pyrazines: Synthesis of Advanced Oligomeric and Polymeric Materials</b>
36	Dr Hanaa Eid Shukri	Lecturer	Chemistry	<b>Nickel Corrosion Inhibition in Sulfuric Acid Electrochemical Studies, Morphologies, and Theoretical Approach</b>
37	Prof Dr Abed el Motlb Ramadan	Professor	Chemistry	<b>Macrocyclic nickel(II) complexes: Synthesis, characterization, superoxide scavenging activity and DNA-binding</b>
38	Prof Dr Abed el Motlb Ramadan	Professor	Chemistry	<b>Syntheses and characterization of new tetraazamacrocyclic copper(II) complexes as a dual functional mimic enzyme (catalase and superoxide dismutase)</b>
39	Prof Dr Abed el Motlb Ramadan	Professor	Chemistry	<b>New mononuclear copper(I) and copper(II) complexes containing N donors; crystal structure and catechol oxidase biomimetic catalytic activity</b>
40	Dr el Motwali Mohamed Libda	Assistant Professor	Zoology	<b>Petrogenetic evolution of basaltic lavas from Balhaf–Bir Ali Plio-Quaternary volcanic field, Arabian Sea, Republic of Yemen</b>
41	Dr Saeed Emad el Deen Amer	Assistant Professor	Zoology	<b>Microsatellite analysis of Fasciola spp. in Egypt</b>
42	Dr Saeed Emad el Deen Amer	Assistant Professor	Zoology	<b>Identity and public health potential of Cryptosporidium spp. in water buffalo calves in Egypt</b>
43	Dr Saeed Emad el Deen Amer	Assistant Professor	Zoology	<b>MOLECULAR IDENTIFICATION OF FASCIOLA SPP. (DIGENEA: FASCIOLIDAE) IN EGYPT</b>
44	Dr Saeed Emad el Deen Amer	Assistant Professor	Zoology	<b>Molecular identification of Fasciola spp. (Digenea: Platyhelminthes) in cattle from Vietnam.</b>
45	Prof Dr Osama Mohamed Abu Sidaa	Professor	Mathematics	<b>lectromagnetic Radiation Fields in Three-Layered Media With Rough Interfaces</b>
46	Prof Dr Ashraf Mobariz Zankour	Professor	Mathematics	<b>Generalized thermodiffusion for an unbounded body with a spherical cavity subjected to periodic loading</b>

47	Prof Dr Ashraf Mobariz Zankour	Professor	Mathematics	<b>Viscoelastic analysis of an exponentially graded sandwich plate</b>
48	Prof Dr Ashraf Mobariz Zankour	Professor	Mathematics	<b>ROTATING MODERATELY THICK ANNULAR DISKS VIA AN EXTENSION TO CLASSICAL THEORY</b>
49	Prof Dr Ashraf Mobariz Zankour	Professor	Mathematics	<b>Piezoelectric Behavior of an Inhomogeneous Hollow Cylinder with Thermal Gradient</b>
50	Prof Dr Ashraf Mobariz Zankour	Professor	Mathematics	<b>Exact Relationships between Classical and Sinusoidal Theories for FGM Plates</b>
51	Prof Dr Ashraf Mobariz Zankour	Professor	Mathematics	<b>Hygrothermal effects on the bending of angle-ply composite plates using a sinusoidal theory</b>
52	Prof Dr Ashraf Mobariz Zankour	Professor	Mathematics	<b>Hygrothermal analysis of exponentially Graded rectangular Plates</b>
53	Prof Dr Hasan Ahmed Zidan	Professor	Mathematics	<b>Solution of ( <math>n</math> )-Dimensional Nonlinear Cubic Schrodinger Equation by Differential Transform Method</b>
54	Prof Dr Hasan Ahmed Zidan	Professor	Mathematics	<b>The Application of the Homotopy Perturbation Method and the Homotopy Analysis Method to the Generalized Zakharov Equations</b>
55	Prof Dr Hasan Ahmed Zidan	Professor	Mathematics	<b>The application of the Variational iteration method to the Davey-Stewartson equations</b>

The Faculty of Arts:

N	The Winner	The Degree	Scientific Department	
1	Dr Amir Hamza Youssef Salama	Lecturer	English Department	<b>Ideological collocation and the recontextualization of Wahhabi-Saudi Islam post-CDA : a synergy of corpus linguistics and CDA</b>



























