

Gadah Ibraheem AlBasher

Professor in Toxicology
and Enviromental's Pollutants

King Saud University



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Riyadh



The web sites (click here)



Education

PhD

2013

Ecology (pollution), Department of Zoology, Science faculty
, King Saud University, Riyadh, Saudi Arabia

M.Sc.

2007

Ecology (pollution), Department of Zoology, Science faculty,
King Saud University, Riyadh, Saudi Arabia.

B.Sc.

2002

Biology, education collage. Riyadh, Saudi Arabia.



Experiences

Professor

2023

Associated professor

2018- 2023 A

Assistant Professor

2014-2017

Lecturer

2008-2013

Demonstrator

2002-2007



The Partnership Program

An international partnership cooperation with Chinese
.Prof Wang Zooyao at Nananing University. China. 2019



Certificates

Certificate from the Vice Dean of the Faculty dr. Abeer Al-Madalj for participation in the scientific posters 's week in the Faculty of Science

Certificate from the head of the community service unit for participation in the community's service activities in 2018

Certificate from the head of the community's service unit for participation in the community's service's activities in 2017

A certificate from the supervisor of the chair of research on vaccines and infectious diseases for participation in the organization of the Saudi women's forum. 2019



Membership

- Member of the Food and Nutrition's Association. King Saud University

- Member of the Saudi's Society for Life's Sciences. King Saud University



Courses and Workshops

- Attend an effective university teaching skills course. Deanship of Skills Development. King Saud University 2016
- Attend the course of assessment of learning outcomes Deanship of Skills Development. King Saud University 2017
- Attend the mini-course Deanship of Skills Development. King Saud University
- Attend the course design course deanship development skills. King Saud University
- Attend a successful course in the use of Blackboard Deanship of Skills Development. King Saud University
- Attend a course in effective negotiation skills Deanship of Skills Development. King Saud University
- Attend the Foundation Course for new faculty members. Deanship of Skills Development. King Saud University
- Attend a course in thinking skills and integrate them into the curriculum. Deanship of Skills Development. King Saud University
- Attend a course in learning skills using brainstorming. Deanship of Skills Development. King Saud University.
- Attend a course on social responsibility. Deanship of Skills Development. King Saud University.
- Attend the course of the rights and duties of faculty members. Deanship of Skills Development. King Saud University 2018
- Attend a course entitled Mapping Minds Applications in University Teaching. University City for Girls. Deanship of Skills Development. King Saud University. 2018
- Attend a course entitled Global Trends in Continuing Education and Training. University City for Girls. Deanship of Skills Development. King Saud University. 2018
- Attend a course entitled Use Plagiarism program ((PLAG SCAN)) in Medical collage, king Khaled hospital
- Attend a course on the basics of self-assessment. Deanship of Skills Development. King Saud University. 2019.
- Attend a course entitled (Work Stress Management). Deanship of Skills Development King Saud University (2019).
- Attend a workshop entitled (Services of the Scientific Council) College of Dentistry, King Khalid University Hospital. (2018)
- Attend a workshop on how to deal with experimental animals. Research Center, King Faisal Specialist Hospital. 2002
- Attend a workshop entitled (Mastering System) Faculty of Science. College Agency for Development and Quality. King Saud University
- Attend the road map workshop. Department of Zoology. Deanship of Skills Development. King Saud University
- Attendance of the first conference of the National Observatory for Women, Women in Development: Towards a Flourishing Economy. King Saud University. 2018.
- Attend a workshop entitled (Writing the research proposal and the scientific paper / for the lecture and Dad Qahtani from Prince Nayef University). Department of Zoology. King Saud University.
- Attending a workshop entitled "Change of LifeStyle" by Dr. Rafah Al Meer. Department of Zoology. King Saud University.
- Attend a workshop (The Quality of scientific publication) presented by dr Gadaer algoriban collage of science .king Saud University (2018).
- Attend a workshop entitled "Partnership between the university and industry and business (opportunities and challenges) at King Saud University. University City for Girls. King Saud University. 2018.
- Attend a workshop entitled (How to publish in the first quarter magazines). College of Science. King Saud University
- Attend a workshop under the partnership of universal association presented by Prof Kress Stenarous, Medical College King Khalid University Hospital. (2018)
- Visit Tubingen University . Collage of science by invitation from Prof Floirn Lang 2018
- Attend a workshop entitled Environmental Science Program: Prospects and career opportunities. Holiday Inn Palace Hotel. Riyadh. 2019
- Attend a workshop entitled Supervising graduate students. Deanship of Skills Development . King Saud University. 2019-
- Attend a workshop entitled Mixed Research. Deanship of Skills Development. King Saud University. 2019
- Attend a workshop (the program of proficiency) Faculty of Science. King Saud University. 2019.
- Visit the King Abdullah Institute for Nanotechnology. College of Science. King Saud University. 2019



The Judgement

1

Judge in the Main Judging's Committee of the research topics that related to the obtaining's requirements the for the Master's degree for students "Methods of teaching science" from the Faculty of Education, King Saud University 2018.

2

Judge in research entitled "The effectiveness of the use of reflective writing in learning the concepts of biology and the survival of the impact of learning among students, of the first grade secondary" as a requirement for the student Almashouh to obtain a master's degree in the curricula and methods of teaching science from the Faculty of Education, King Saud University. 2018

3

Judge for the master's thesis for the Hanouf Almakhaifi Zoology department, King Saud University. 2020

4

Judge in the Main Judging Committee for the students researches 2016-2017

5

Judge in the week of scientific poster in the collage of science. King Saud University. (2018).

6

Judge of the Master's thesis for the student almotiri Zoology department –ksu 2019

7

Judge of the Master's thesis for the student Wedad Alqahtani Zoology department –ksu 2019

8

Participating in evaluating the files of the new faculty members 2018-2021

9

Participation in the Judged of innovations and Patents provided by students during the second scientific meeting. King Saud University 2019.

10

Judge for the comprehensive exam for Jawaher Alghamdi PhD student Zoology department. ksu

11

Judge for the comprehensive exam for noura Alkhatani PhD student Zoology department. ksu

12

Participate in the best published research for 2019.

13

Participation in the Judged of the thesis of master degree for the student Rema alzeer. King Saud university 2019

14

Participation in the Judgement of the Scientific prize for Saudi women-princess Nourah bin Abdulrahman university 2020



Participating in Research groups

Establishment of a research group with the support of the Deanship of Scientific Research 1439-60- RG-.

Member of the research group RG-1433-86.

Member in research group RG-018.

Participation in the research nucleus entitled (cell and heredity). College of Science. King Saud University

Participation in the research nucleus entitled (cell and heredity). College of Science. King Saud University

Participation in a research nucleus entitled (natural extracts and their role in treatment). College of Science. King Saud University

Member in research group RGP-180

Member in (High Quality research group RGP-1440-131.



Supervision

Supervision for the Masters' thesis for the graduate student. (Hanan al-Jabal).. King Saud University. 2016.

Supervision of graduate student. M.A. (Najla Maashi). King Saud University. 2017.

Supervision of graduate student (Hind al-Mutairi). M.A. Thesis Title: Effect of Teeth Whitening on the functional and histological aspects of male and female mice. King Saud University. 2018.

Supervising Decision 103 during the theoretical part of the first semester 2015

Supervising Decision 103 during the theoretical part of the first semester 2016

Co-Supervision of graduate student (Mashal Alnasser). M.A. Thesis – zoology department King Saud University. 2018

Co-Supervision of graduate student (Nesreen Almaz). M.A. Thesis – zoology department King Saud University. 2018

Supervision of the research project for the student Sara Aldosary in Zoology department. The collage of science. King Saud University. (2018).

Supervision of the research project for the student Rola alrajhi in Zoology department the thesis (2018).

Supervision of the Master's research project for the student Hiyfai al Mahary in Zoology department the thesis The collage of science. King Saud University. (2019).

Supervision of the Master's research project for the student Afaf Alonizy in Zoology department the thesis The collage of science. King Saud University. (2021).

Supervision of the Master's research project for the student Wasayef Allohiayni in Zoology department the thesis The collage of science. King Saud University. (2021).

Supervision of the Master's research project for the student Shahad Alahmadi in Zoology department the thesis The collage of science. King Saud University. (2022).



Previous Teaching Courses

- 103 Zoo (General Zoology).
- 597 Zoo (Selected Topics in Zoology).
- 599 Zoo (research project).
- 109 Zoo (Principles of Zoology).
- 528 Zoo (Fisheries).
- 570 Zoo (Environment and Pollution).
- 577 Zoo (Advanced Ecology).
- 572 Zoo (pollution science).
- 521 Zoo (aquatic animals)
- 635 ZOO (ANIMAL BEHAVIOUR)
- 584 Zoo (Biodiversity in KSA)
- 579 Zoo (Selected Topics in Pollution)
- 578 Zoo (the toxins distribution)
- 584 Zoo (Animal conservation)



Membership in Committees



Member of the Graduate Studies's Committee 2002-2003.



Member of the Schedules's Committee 2003-2007.



Member of the Audit and review Committee 2003-2011



Member of the Committee for the Annual Report 2003-2007



Member of the Examinations Committee, 2003-2006



Member of the Laboratories's Committee 2009



Member of the Chemical's Committee 2010.



Member of the Examinations's Committee 2010



Member of the Audit and Review Committee 2011-2013.



Member of the Laboratorie'ss Committee 2011-2014



Member of the Chemicals's Committee 2014



Member of the Maintenance's Committee 2013-2014.



Member of Electronic Learning Committee, 2013-2014



Member of the laboratory inventory committee 2015



Member of the Graduate Studies Committee 2015.



Leader in the new semester committee .2015-2017



Leader in the Public Relations and Community Partnership Committee 2017.



Member of the Graduates Committee 2017



Member of the Strategic Plan Committee of the College of Science 2016 until now.



Member of the Scholarship Committee



Member of the Graduate Examination's Committee 2018



Rapporteur of the Development and Quality 's Committee. 2018



Member of the Scientific Research's Committee. 2018



Member of Attracting Outstanding Faculty Researchers Program Committee 2019.



Member of the Strategic Plan's Committee of the Zoology department 2019



Leader of the Academic Accreditation's Committee 2019



Leader of the e-learning committee 2019



Participating and Organizing

1

Participate in the presentation of a workshop (technique of working strips of different tissues using optical microscopy) in the Department of Zoology, King Saud University 2017

2

Participation in the preparation of decision 103 when translated into English in 2013

3

Participating in the arbitration of the files of new faculty members 2016-2017

4

Participation in organizing the graduation ceremony of King Saud University 2013 and 2011

5

Coordination of the first workshop of nanotechnology research in universities, King Saud University 2013.

6

Participation in the organization of the Third Saudi Conference of Science 2007.

7

Preparation of the full practical part of decision 106 of the 2010 preparatory year students

8

Participating in the arbitration of graduation projects for bachelor students at King Saud University 2015

9

Supervising Decision 103 during the theoretical part of the first semester 2015

10

Participating in the arbitration of the research topics related to the requirements of obtaining the degree of Master of Arts for students of curriculum and methods of teaching "Methods of teaching science" from the Faculty of Education, King Saud University 2016.

11

Preparation of a special file for the scientific reforms of the course 103 full translated from English to Arabic language 2015.

12

Participation in organizing the road map workshop Department of Zoology King Saud University 2017.

13

Organizing some awareness lectures at Prince Salman Social Center 2016 -2017

14

Participation and organization of the celebration of King Saud University on the occasion of the passage of 60 years

15

Participating in the Zoology Department Strategy Plan. Quality and progress unit. Collage of science. King Saud University. (2017).

16

Participation in the organization of a symposium entitled (What the Nobel Scientists presented to mankind) Department of Zoology King Saud University 2017.

17

Participation in the organization of a symposium entitled (What the Nobel Scientists presented to mankind) Department of Zoology King Saud University 2017.

18

Participation in the organization of the joint scientific day for members and members of the Department of Zoology. King Saud University.

19

Participate in organizing a workshop entitled (reading between the lines of the chromosome). King Saud University.

20

Participate in organizing a workshop entitled (preparation of research plan). King Saud University

21

Participation in organizing the annual ceremony. King Saud University

22

Participation in organizing the meeting of the first section of faculty members in the department. King Saud University.

23

Participation in the arbitration of research entitled "Effectiveness of the use of reflective writing in learning the concepts of biology and the survival of the impact of learning among students of the first grade secondary" as a requirement for the student Almashouh to obtain a master's degree in the curricula and methods of teaching science from the Faculty of Education, King Saud University.

24

Participating in the Zoology Department Strategy Plan. Quality and progress unit. Collage of science. King Saud University. (2018).

25

Participating in the arbitration of files of new faculty members 2018

26

Participation in the organization of a workshop entitled "Extraction of DNA from Animal Tissue (Department of Zoology, King Saud University, 2018).

27

Participation in the presentation of a workshop (the work of textile sectors and examination using optical microscopy). Training and community service unit. In the Department of Zoology King Saud University 2018

28

Participation in organizing a workshop entitled (Writing research proposal and scientific paper). By Dr. Wadad Al-Qahtani from Prince Nayef University. Department of Zoology. King Saud University.

29

Participated in organizing a workshop entitled "Change of Lifestyle" by Dr. Rafah El Meer. Department of Zoology. King Saud University.

- Member of the Committee for the admission of graduate students 2019
- Member of the Committee on Initiatives and Development 2019
- Member of the post graduated Committee. 2019
- Leader of the graduation committee. 2020 until now
- Member of the scientific film committee 2022
- Member of the courses committee 2022 .

Research Interests:

A study of environmental pollution (it's definition , causes, types and effects on living organisms)

Technological development and environmental problems.

Monitoring and observing behavioral changes and the effects of environmental pollutants on exposed animals

A Study of some highly toxic substances and the ways to treat their negative effects with natural antioxidant.

A Study of some highly toxic substances and its effect on the genes and DNA damage.

Various simple and complex toxins such as drugs and how to cause cellular toxicity.

The academic position among the others

Top 2% in the world scientist and university ranking 2023

Rankings for Scientists		World Scientist and University Rankings 2023	
University, Subject, Country, Region, World		King Saud University	
Gadah Ibrahim Alhasher			
		In King Saud University (2023)	In Saudi Arabia (2023)
		Score	Ranking
Total 11	26	#239	#1334
Last 5 year 11	26	#161	#449
Last 5 year 11 / Total 11	1.00		
Total 10	46	#181	#451
Last 5 years 10	46	#161	#449
Last 5 years 10 / Total 10	1.00		
Total Citation	2148	#273	#1334
Last 5 years Citation	2136	#209	#1171
Last 5 years Citation / Total Citation	0.99		
Others * (Citation / Total Citation)			
Exploitation			
Workshop			

- 30 Participating in organizing a workshop entitled (Electronic Microscope and its Applications) Margaret Schmeller. Visiting Professor, Chair, Research on Vaccines and Infectious Diseases, Central Laboratory, King Saud University, 2018.
- 31 Participating in the arbitration of the research topics related to the requirements of obtaining the degree of Master of Arts for students of curriculum and methods of teaching "Methods of teaching science" from the Faculty of Education, King Saud University 2018.
- 32 Participating in the organization of the social partnership between King Saud University and King Salman Social Center by organizing a public lecture entitled "Health Food" by Dr. Rafa Al Meer.
- 33 Participating in the organization in the week of scientific poster in the collage of science. King Saud University. (2018).
- 34 Participating as a speaker in lecture (The Interdisciplinary research organization) . King Saud University. (2019).
- 35 Participating in the Zoology Department Strategy Plan. Quality and progress unit. Collage of science. King Saud University. (2019).
- 36 Participating in the organization of the (Saudi women). King Khalid University Hospital. 2019
- 37 Participation in the organization of the second research cafe (The patents from idea until Reality) in the Faculty of Science, Faculty of Science. King Saud University. 2019.
- 38 Participating in organizing the scientific poster week at the Faculty of Science. Scientific Research Unit. 2019 Chapter II
- 39 Participating in organizing the scientific work shop (The solution for the constraints in the scientific research 2019



Conferences and Scientific Forums

- Attending the Second World Conference of Command and Control Solutions 2017. Hamad Al Jasser Hall. King Saud University.
- Attendance of the first conference of the National Observatory for Women, Women in Development: Towards a Flourishing Economy. King Saud University. 2018
- Attending the meeting of Queen Effat, the pioneer of education in Saudi Arabia, King Saud University. University City for Girls. King Saud University. 2018.
- Attend Microfluidics conference new technology and application in biology, biochemistry and single cell analysis 2018 At the University of Heidelberg, Germany
- Attend the International Conference on Health Security (Joint Arab Health Security). Prince Nayef Arab University for Security Sciences 2018
- Attend the Seventh Saudi Conference on Food and Nutrition. Marriott Hotel 2018
- Attend the event management course. Deanship of Skills Development. King Saud University (2018)
- Attend the Conference on International Cooperation in Development Research at the Ministry of Education. Ministry of Education University. University City for Girls. King Saud University. 2018.
- Attendance (meeting Dean of Scientific Research) Dr. Khalid Al-Hmeizi. King Saud University. 2018.
- Attend the Arab Net Forum sponsored by the Institute of Entrepreneurship. Four Seasons Hotel Kingdom Tower. Riyadh 2018.
- Visit Tubingen University . Collage of science by invitation from Prof Floirn Lang 2018.
- Attend the First Chemical Council, Faculty of Science. Faculty of Science Theater (1). King Saud University. 2019.
- Attend the scientific research forum at the Faculty of Science. College of Science. King Saud University. 2018
- Attend the scientific research forum. College of Science. King Saud University. 2018
- Attend the Research Forum. College of Science. King Saud University. 2018
- Attend the organization of the (Saudi women). Medical collage. King Khalid University Hospital. 2019.
- Attend a workshop entitled Supervising graduate students. Deanship of Skills Development. King Saud University. 2019.
- Attending the Fifth International Conference on Scientific Research entitled "Renewable Energy and Water Recovery" - Vice President of Tanta University – Jolie Golf Hotel - Sharm El-Sheikh 2019.
- Visit Nangen University within the International Partnership Program in China with the Chinese Professor Wang Ya oly. 2019
- Attend the Forum of Chemists and Military Industries. College of Science, King Saud University. 2019.
- Attend the Conference on International Cooperation in Development Research at the Ministry of Education. Ministry of Education
- Attend the organization of the (Saudi women). Imam Mohammed University. 2021
- Participation in the Scientific film carnival – kind Saud univsty-2021
- Participation in meeting between the Department of Zoology - King Saud University and the King Salman Reserve Development Authority 2023



- 1-Correlation between vitamin D levels and apoptosis in geriatric patients infected with hepatitis C virus genotype 4. Clinical interventions in Aging.
- 2-Impairment of active avoidance learning and sensory motor reflexes in mice offspring induced by perinatal acute toxic exposure to selenium. Afr. J. Pharm. Pharmacol.
- 3-Green Tea protects against Perinatal Nicotine-Induced Histological, Biochemical and Hematological Alterations in Mice Offspring. Int J Pharmacol. 13:109-121. (Impact factor 0.56)
- 4-Evading the Entrepreneurship: A Study to Discover Implementable Online Approaches to Avoid Greenhouse Consequences.
- 5-Neurobehavioral changes in mice offspring induced by prenatal exposure to acute toxicity of sodium selenite. Slovak Academy of Sciences.
- 6-Camellia sinensis prevents perinatal nicotine-induced neurobehavioral alterations, tissue injury and oxidative stress in male and female mice newborns. Oxidative Medicine and Cellular Longevity (Impact factor: 4.42).
- 7-Commiphora molmol Modulates Glutamate-Nitric Oxide-cGMP and Nrf2/ARE/HO-1 Pathways and Attenuates Oxidative Stress and Hematological Alterations in Hyperammonemic Rats. Oxid Med Cell Longev. 2017
- 8-Effect of parsley petroselinum crispum (Apiaceae) juice against cadmium neurotoxicity in albino mice (Mus Musculus). behavioral and brain function. 12:6 DOI 10.1186/s 12993-016-0090-3
- 9-Al-Basher G (2017). Green tea activity and iron overload induced molecular Fibrogenesis of rat liver. Saudi Journal of Biological Sciences SJS992.
- 10- Umbelliferone prevents oxidative stress, inflammation and hematological alterations, and modulates glutamate-nitric oxide-cGMP signaling in hyperammonemic rats). Biomedicine & Pharmacotherapy. 10.1016/j.biopha.2018.03.104.
- 11-energy drink induces oxidative damage in the liver, kidney and brain, and behavioral alterations in mice offspring .Biomedicine & Pharmacotherapy
- 12-Gadah I. Al-Basher Anti -fibrogenic and hepatoprotective potential of methanolic olive extract on cadmium induced toxicity in rats. Life Science Journal
- 13-Stone quarrying induces organ dysfunction and oxidative stress in Meriones libycus. Toxicology and industrial health
- 14-Biological Activity of Olive Leaf Extract and WRegulation of Tissue Transglutaminase Expression in Diabetic Wound Healing .International Journal of Pharmacology
- 15-Gestational exposure to a commercial tooth whitening agent containing carbamide peroxide induces locomotory changes and tissue damage in mice newborns. Journal of pharmaceutical research international
- 16-Royal Jelly abrogates cadmium-induced oxidative challenge in mouse testes: Involvement of the Nrf2 pathway.. IJMS.
- 17-Chronic exposure to 35% carbamide peroxide tooth bleaching agent induces histological and hematological alterations, oxidative stress and inflammation in mice. Environmental Science and Pollution Research.
- 18-.Methotrexate-induced apoptosis in human ovarian adenocarcinoma SKOV-3 cells via ROS 1 mediated bax/bcl2-cyt-c release cascading 2.Onco Targets and Therapy Journal.
- 19-Mineral nutrition of sub-alpine Australian vegetation under nutrient deficiency depends on lifeform . Environmental and Experimental Botany. Volume 160, Pages 92-100\
- 20-Long-term treatment with finasteride induced apoptosis and pathological changes in female mice human and experimental Toxicology .
- 21-The ameliorative effects of ceftriaxone and vitamin E against cisplatin-induced nephrotoxicity. Environmental Science and Pollution Research.
- 22-Chronic exposure to 35% carbamide peroxide tooth bleaching agent induces histological and hematological alterations, oxidative stress and inflammation in mice. Environmental Science and Pollution Research.
- 23-Molecular Mechanism of Cytotoxicity, Genotoxicity, and Anticancer Potential of Green Gold Nanoparticles on Human Liver Normal and Cancerous Cells
- 24-Ameliorative Effect of Beta vulgaris Root Extract on Chlorpyrifos-Induced Oxidative Stress, Inflammation and Liver Injury in Rats. Biomolecular
- 25-Nephroprotective Role of Selenium Nanoparticles Against Glycerol-Induced Acute Kidney Injury in Rats. Biological Trace Element Research. 10.1007/s12011-019-01793-5
- 26-Oxidation of flumequine in aqueous solution by UV-activated peroxy monosulfate: Kinetics, water matrix effects, degradation products and reaction pathways. Chemosphere.
- 27-Photochemical formation of hydroxylated polychlorinated biphenyls (OHPCBs) from decachlorobiphenyl (PCB-209) on solids/air
- 29-Impacts of Enriching Growing Rabbit Diets with Chlorella vulgaris Microalgae on Growth, Blood Variables, Carcass Traits, Immunological and Antioxidant Indices .ANIMALS
- 30-Red beetroot extract mitigates chlorpyrifos-induced reprotoxicity associated oxidative stress, inflammation, and apoptosis in rats. Environmental Science and Pollution Research.
- 31-effects of hesperidin and diosmin against acrylamide-induced liver, kidney, and brain oxidative damage in rats Environmental Science and Pollution Research.
- 32-Investigation of Cytotoxicity Apoptotic and Inflammatory Response... Mixed Oxidation of Aqueous Nonylphenol and Triclosan by Thermal...
- 33-Foliar traits of sessile oak (Quercus petraea Liebl) seedlings...
- 34-Oxidative stress and apoptotic responses elicited by Nostoc-s...

35-finasteride has adverse health effects in women67-Investigation of Cytotoxicity Apoptotic and Inflammatory Responses of Biosynthesized Zinc Oxide Nanoparticles from *Ocimum sanctum* Linn in Human Skin Keratinocyte (Hacat) and Human Lung Epithelial (A549) Cells

36-Mixed Oxidation of Aqueous Nonylphenol and Triclosan by Thermally Activated Persulfate: Reaction Kinetics and Formation of Co-oligomerization Products

37-Evaluation of the antifungal activity of *Rumex vesicarius* L. and *Ziziphus spina-christi* (L) Desf. aqueous extracts and assessment of the morphological changes induced to certain myco-phytopathogens

38-Kentix and reaction pathways for the transformation of 4-tert-butylphenol by ferrate(VI)

39-Berberine mitigates oxidative damage associated with impairment following mercury chloride intoxication

40-Protective effects of *Artemisia judaica* extract compared to metformin against hepatorenal injury in high-fat-diet/streptozotocine induced diabetic rats

41-Behavioral and Physiological Assessments to Evaluate the Effect of *Acacia senegal* and *Acacia seyal* in Albino Mice

42-KMnO₄-mediated reactions for hexachlorophene in aqueous solutions: direct oxidation, self-coupling, and cross-coupling

43-Fucoidan alleviates microcystin-LR-induced hepatic, renal, and cardiac oxidative stress and inflammatory injuries in mice

44-Antifungal Potential of Aqueous Extract of *Boswellia carteri*

Red beetroot extract mitigates chlorpyrifos-induced reprotoxicity associated with oxidative stress, inflammation, and apoptosis in rats

45-Nephroprotective Role of *Beta vulgaris* L. Root Extract against Chlorpyrifos-Induced Renal Injury in Rats

46-Ziziphus spina-christi Leaf Extract Suppressed Mercury Chloride-Induced Nephrotoxicity via Nrf2-Antioxidant Pathway Activation and Inhibition of Inflammatory and A

47-Photosynthetic cyclic electron transport provides ATP for homeostasis during trap closure in *Dionaea muscipula* .Annals of Botany.

48-Kinetics and mechanism analysis for the photodegradation of PFOA on different solid particles. Chemical Eng

49- Alleviation of lead acetate-induced nephrotoxicity by *Moringa oleifera* extract in rats: highlighting the antioxidant, anti-inflammatory and antiapoptotic activities

50-Biosynthesis of gold nanoparticles: Exploration through crystal growth and kinetic behaviour45-Evaluation of the neuro-protective effect of *Artemisia judaica* extract in a murine diabetic mode

51- Burns in Saudi Arabia: causes, management, outcomes and quality of life after skin burns

52-Effects of *Moringa oleifera* Lam. on oxidative stress, apoptotic and inflammatory biomarkers in lead-induced hepatotoxicity in rats52a

53-ziziphus spina chrisit leaf extract attenenusliverinjury induced by mercuric chloridvia the Nrf signaling path way n male mice

54-A multi-perspective assessment approach of renewable energy production: policy perspective analysis

55-Effective degradation of 2,4-dihydroxybenzophenone by zero-valent iron powder (Fe⁰)-activated persulfate in aqueous solution: Kinetic study, product identification and theoretical calculations

56-Zingerone mitigates inflammation, apoptosis and oxidative injuries associated with renal impairment in adriamycin-intoxicated mice.

57-Pyrroloquinoline Quinone Alleviates Oxidative Damage Induced by High Glucose in HepG2 Cells

58-Nephroprotective Role of *Beta vulgaris* L. Root Extract against Chlorpyrifos-Induced Renal Injury in Rats. Evid

59-Berberine mitigates testicular impairments associated with mercury chloride intoxication .

60-Molecular mechanism of cytotoxicity, genotoxicity and anticancer potential of green gold nanoparticles in human liver anormal and cancerous cells . Dose- Response.

61-Involvement of redox status and nuclear related factor 2 signalling pathway in protecting against cadmium-induced renal injury with Senna Makki pre-treatment in male rats

62- the effect of green silver nanoparticles on apoptosis and oxidative stress in normal and cancerous human hepatic cell

63-Carnosic acid alleviates chlorpyrifos-induced oxidative stress and inflammation in mice cerebral and ocular tissues

64-Red beetroot extract abrogates chlorpyrifos-induced cortical damage in rats

65-Prolong use of Finasteride induce gonadal sex steroid alteration,DNA damage and menstrual bleeding

66-Perinatal Exposure to Tartrazine Triggers Oxidative Stress and Neurobehavioral Alterations in Mice Offspring

67-Evaluation of Chemical Composition, Antibacterial, Antifungal, and Cytotoxic Activity of *Laurus nobilis* L Grown in Saudi Arabia

68-Synergistic antioxidant effects of resveratrol and curcumin against fipronil-triggered oxidative damage in male albino rats

69-Approaches for prevention and environmental management of novel COVID-19

70-Investigation of Cytotoxicity Apoptotic and Inflammatory Responses of Biosynthesized Zinc Oxide Nanoparticles from *Ocimum sanctum* Linn in Human Skin Keratinocyte (Hacat) and Human Lung Epithelial (A549) Cells

71-Antifungal Effect of *Saussurea lappa* Roots Against Phytopathogenic Fungi and Resulting Morphological and Ultrastructural ChangesFungizide Wirkung von *Saussurea lappa*-Wurzeln gegen phytopathogene Pilze und resultierende morphologische und ultrastrukturelle Veränderungen

72-Red Beetroot Extract Abrogates Chlorpyrifos-Induced Cortical Damage in Rats

73-Effects of Green Silver Nanoparticles on Apoptosis and Oxidative Stress in Normal and Cancerous Human Hepatic Cells in vitro

74-Effects of *Moringa oleifera* Lam. on oxidative stress, apoptotic and inflammatory biomarkers in lead-induced hepatotoxicity in rats

75-Nephroprotective Role of Selenium Nanoparticles Against Glycerol-Induced Acute Kidney Injury in Rats

76-Carnosic acid alleviates chlorpyrifos-induced oxidative stress and inflammation in mice cerebral and ocular tissues.

78-Skin Burns in Saudi Arabia: causes, management, outcomes and quality of life after skin burns

79-Effect of *Moringa oleifera* Lam. methanolic extract on lead-induced oxidative stress-mediated hepatic damage and inflammation in ra

80-Alleviation of lead acetate-induced nephrotoxicity by *Moringa oleifera* extract in rats

81-Alumina-mediated photocatalytic degradation of hexachlorobenzene in aqueous system: Kinetics and mechanism

82-KMnO₄-mediated reactions for hexachlorophene in aqueous solutions: direct oxidation, self-coupling, and cross-coupling

83-Involvement of redox status and nuclear related factor 2 signalling pathway in protecting against cadmium-induced renal injury with Senna Makki pre-treatment in male rats Article

84-Behavioral and Physiological Assessments to Evaluate the Effect of *Acacia senegal* and *Acacia seyal* in Albino Mice

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