

DR. NOUF MAHDI ALI ALYAMI

Ph.D. in Cell and Molecular Biology,

Cancer Biology

Associate professor at

King Saud University

Zoology Department

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BIOGRAPHY

I am passionate about molecular genetics and interested in exploring genes' fundamental roles in cells. Genes have the power to create normal cells, but they can also cause inherited diseases like metabolic disorders and cancer. I am particularly interested in investigating molecular pathways such as kinases, ROS, oncogenes, and tumor suppressors, which determine cell fate and activate gene expression. These pathways play significant roles in the initiation and development of diseases.

EDUCATION

- A Ph.D. holder from *Colorado State University (CSU), USA*, in 2019 gave me a unique opportunity to continue in the field of Cell and Molecular Biology (Cancer Biology).
 - Thesis title "The Impact of Insulin-like Growth Factor 2 mRNA Binding Protein 1 (IGF2BP1) in Human and Canine Osteosarcoma" with Dr. Dawn L. Duval.

SKILLS AND ABILITY

Quantitative reverse transcription Polymerase chain reaction (RT-qPCR)	Transcriptome Analysis Console 4.0 and R studio program to identify and arrange the data	Tissue culture (drug sensitivity, migration, and invasion assay)
Western blot	qPCR	Graph Pad Prism 8
Luciferase activity assay	DNA Methylation	Plasmid manipulation
RNA immunoprecipitation		

COMMUNITY SERVICES

- 2016-2017 International presidential Fellow
- 2018 Culture Mentor for international students
- 2017 Bennett elementary school 'International Day'
- 2020 My journey with Genetic Engineering
- 2020 "Scientific lecture" Our Furry Friends
- 2021 TV interview program #Agricultural_Academy with our guest

- Dr. Nouf Al-Yami to introduce the Department of Zoology
- 2021 Academic Reading and Writing Seminar Series
- 2025 How to Read and Write Scientific Papers

TEACHING EXPERIENCE

As an Associate Professor at King Saud University, College of Science, Riyadh, KSA, 2023 to report date:

- Taught Doctorate-level courses at the Department of Zoology (Zoo 641) [*ADVANCED CELL BIOLOGY*].

As an Assistant professor at King Saud University, College of Science, Riyadh, KSA, 2019 to report date:

- Taught Masters-level courses at the Department of Zoology (ZOO542, ZOO551, ZOO552, ZOO553, ZOO556, ZOO558, ZOO560, ZOO597, ZOO598, and ZOO600[Advanced Cytology, Molecular Genetics, Advanced Molecular Genetics, Quantitative and Population Genetics, Molecular Biology and Genetic Engineering, Advanced Cytogenetic, Advanced biotechnology, Selected Topics in Zoology, Seminar, Dissertation]

As a Teaching Assistant at Colorado State University, Clinical Sciences, USA, 2015 to 2019:

- CM510 Intro to Cell and Molecular Programmer (graduate level) at Colorado State University
- Student mentor (graduate and undergrad) at Dr. Dawn L. Duval's Lab at Flint Animal Cancer Center (Colorado State University)

As a Lecturer at King Saud University, College of Science Riyadh, KSA EXPERIENCE May 2011 to 2012:

- Taught undergraduate classes at the Department of Zoology (ZOO101, ZOO103, ZOO331, ZOO109, GEN353) [General Biology, General Zoology, and Principle of Genetics].

As a Demonstrator at King Saud University, College of Science Riyadh, KSA, 2007 to 2011:

- Taught undergraduate classes at the Department of Zoology (ZOO101, ZOO103, ZOO331, ZOO109, GEN353) [General Biology, General Zoology, and Principle of Genetics].

CERTIFICATIONS, CONFERENCES, AND SYMPOSIUMS

- *1st International Symposium on Plasticity of plants and mammals under challenging environments, INSAT, Tunis, 06.12.23 As a keynote speaker*
- *The International Conference & Exhibition for Science (ICES2023), Certificate attending KSU, Riyadh, KSA 2023.*
- *International Conferences on Molecular Oncology and Precision Medicine Certificate attending KFSH&RC, Riyadh, KSA 2023.*

- **Noouf M. Alyami**, Brian T. Kalet, Liza Pfaff, Sarah Peck & Dawn L. Duval (2019). *Defining the Significance of Insulin-like Growth Factor 2 mRNA-Binding Protein 1 (IGF2BP1) Expression in both Human and Canine Osteosarcoma*. Published Online:1 Apr 2019. doi:[10.1096/fasebj.2019.33.1_supplement.815.8](https://doi.org/10.1096/fasebj.2019.33.1_supplement.815.8)
- Certificate attending KFSH&RC Webinar Series "Genetics and Infection in View of Covid-19",KFSH&RC, Riyadh, KSA 2020.
- Certificate attending KFSH&RC Webinar Series "Research During Pandemic", KFSH&RC,Riyadh, KSA 2020.
- Certificate attending KFSH&RC Webinar Series Neurological Complications of COVID-19,KFSH&RC, Riyadh, KSA 2020.
- Certificate attending Webinar Series Preparing ICU for Pandemic, KFSH&RC, Riyadh, KSA 2020.
- Certificate attending Webinar Series Pharmacy Initiative and Workflow to Combat COVID-19Pandemic, KFSH&RC, Riyadh, KSA 2020.
- Certified Workshop "ProQuest database" King Saud University, Riyadh, KSA 2020.
- Certificate attending "Medical Education department at Qassim Uni. Invites you to: International debate: Assessment of medical students during COVID-19 Pandemic Confirmation" Qassim University, Buraidah, KSA 2020.
- Certificate attending the Experimental Biology (EB) Meeting at the Orange County ConventionCenter in Orlando, FL over the dates of April 6 - 9, 2019.
- 18th Annual CVMBS Research Day at Colorado State University, USA, 2017. CMB/MCIN/BMB Spring Poster Symposium at Colorado State University, USA, 2017.17th Annual CVMBS Research Day at Colorado State University, USA, 2016.
- CMB/MCIN/BMB Spring Poster Symposium at Colorado State University, USA, 2016.CMB/MCIN/BMB Spring Poster Symposium at Colorado State University, USA, 2015.
- Certified Trainer Mahwiba Program: "Biotechnology and Infertility— In-Vitro FertilizationMethods" King Saud University, Riyadh, KSA 2011.
- Certified Workshop Leader "Launching and Funding Your Independent Research Project" KingSaud University, Riyadh, KSA 2008.
- Certified Trainer "Polymerase Chain Reaction: Isolating and Replicating the HEXB Gene"King Saud University, Riyadh, KSA 2007.
- Certified Trainer "Biological and Medical Research Department, Allergy and Aerobiology"King Faisal Specialist Hospital and Research Center, Riyadh 2007.
- Certified Trainer "Biological and Medical Research Department, Environmental Health" KingFaisal Specialist Hospital and Research Center, Riyadh 2007.
- Certified Trainer "Immuno- and Gel Electrophoresis: Sizing Proteins and Isolating Genes"King Saud University, Riyadh, KSA 2007.
- Certified Trainer "MCF-7: Tissue Culture, In-Vitro Cultivation, and Estradiol Processing"King Saud University, Riyadh, KSA 2007.
- Certified Workshop Leader "Nano-research at Universities" King Saud University, Riyadh, KSA2007.
- Certified Workshop Leader "Zoological and Genetic Research: Getting

- Started" King Saud University, Riyadh, KSA 2006.*
- *Certificate of Completion Neurophysiological Training Program (EEG, Clinical EEG, Pharma, Physio) King Faisal Specialist Hospital and Research Center, Riyadh, KSA 2006.*
 - *Certificate of Completion TESOL Program Al-Faisal International Academy, Riyadh, SA 2005.*

Nouf Alyami

<https://www.webofscience.com/wos/author/rid/ADV-5776-2022>

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ORCID: 0000-0003-1782-6717

Publication Metrics

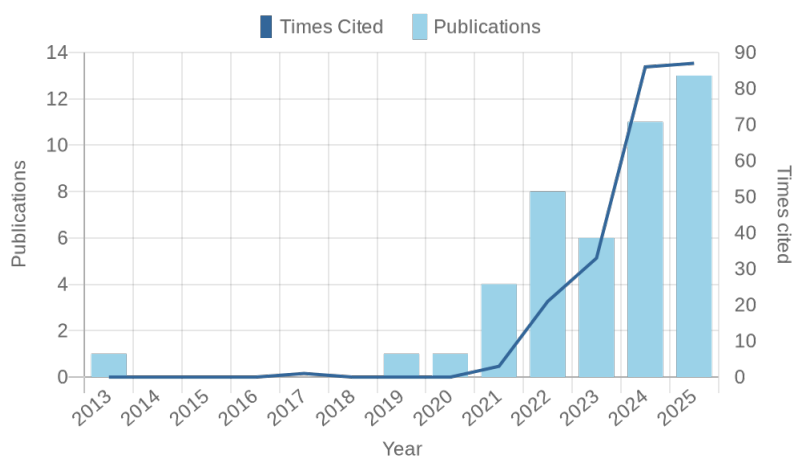
For manuscripts published from date range September 2020 - September 2025

9	206
H-index	Sum of Times Cited
39	39
Total Publications	Web of Science Core Collection Publications

For all time

9	231
H-index	Sum of Times Cited
45	45
Total Publications	Web of Science Core Collection Publications

Publication Impact Over Time



Publishing Summary

For manuscripts published from date range September 2020 - September 2025

(4) Environmental Science and Pollu...	(3) Indian Journal of Pharmaceutical ...
(3) Heliyon	(2) BioMed Research International
(2) Scientific Reports	(1) Saudi Pharmaceutical Journal
(1) Frontiers in Materials	(1) Journal of Intelligent & Fuzzy Sys...
(1) PLoS Neglected Tropical Diseases	(1) Process Biochemistry
(1) International Journal of Hydroge...	(1) Biological Control
(1) Cancer Nanotechnology	(1) Journal of King Saud University - ...
(1) Frontiers in Molecular Biosciences	(1) Plant and Soil
(1) Applied Biochemistry and Biotec...	(1) International Journal of Nanome...
(1) Neurochemical Research	(1) Frontiers in Oncology
(1) Computational Intelligence and ...	(1) Drug and Chemical Toxicology
(1) Bulletin of the Chemical Society ...	(1) Luminescence: the Journal of Bio...
(1) Revista Materia	(1) BMC Plant Biology
(1) Applied Organometallic Chemistry	(1) Journal of Materials Research
(1) Plant Stress	(1) Journal of Inorganic and Organo...

Publications

For manuscripts published from date range September 2020 - September 2025
(39)

Times Cited
(All time)

Advanced Ag NPs integrated N and P-doped porous carbon (NPC) Nanocatalyst: A breakthrough in sustainable ammonia synthesis from nitrate wastewater

Authors (12): Bilal, Anum; Bahadur, Ali ... Alyami, Nouf M.

Published: Aug 2025 in International Journal of Hydrogen Energy

DOI: 10.1016/J.IJHYDENE.2025.150372

Accession Number: WOS:001531390300002

0

Deferential nephrotoxicity effect of lanthanum oxide nanoparticle responses to concentration and time in vivo

Authors (12): Alyami, Nouf M.; Almuahini, Ghufra A. ... Alarifi, Saud

Published: Jun 2025 in Scientific Reports

DOI: 10.1038/S41598-025-04996-0

Accession Number: WOS:001504291900005

0

Leveraging sodium alginate-nickel oxide-berbamine hybrid nanomaterials (HNMs) by assessing the cytotoxicity-mediated oxidative stress in Hep3B cell lines

Authors (8): Saravanan, Karunakaran; Sukumar, Kalpana ... Ravichandran, Nagaiya

Published: Jun 2025 in Process Biochemistry

DOI: 10.1016/J.PROCBIO.2025.03.012

0

Novel synthesis of CNTs/Cu nanodots-arabic gum nano-hybrid composites induce cytotoxicity and apoptosis in human breast and lung cancer cell lines 0
Authors (9): Aljarba, Nada H.; Qurtam, Ashraf Ahmed ... Alkhateeb, Mariam Abdulaziz
Published: Apr 2025 in Journal of Materials Research
DOI: 10.1557/S43578-025-01552-4
Accession Number: WOS:001437474200001

Chlorogenic Acid Functionalized Tin Oxide-Sodium Alginate Hybrid Nanomaterials Induce Oxidative Stress-Mediated Apoptosis in Breast Cancer MDA-MB-231 Cells 2
Authors (8): Shakila, Baby; Alyami, Nouf M. ... Bharathi, Muruganatham
Published: Apr 2025 in Indian Journal of Pharmaceutical Education and Research
DOI: 10.5530/IJPER.20257391
Accession Number: WOS:001478435900032

Significance of photosystem integrity and reducing Cd accumulation in mitigating Cd stress on olive tree inoculated with soil-borne bacteria consortium is variety-dependent 0
Authors (11): Hidri, Rabaa; Azri, Rahma ... Aroca, Ricardo
Published: Mar 2025 in Plant Stress
DOI: 10.1016/J.STRESS.2025.100788
Accession Number: WOS:001444589100001

Innovative Nickel Oxide-Pluronic F127-Escin Hybrids: Synthesis, Characterization, and Dual Bioactivity Against Bacteria and Cancer Cells 0
Authors (7): Shakila, P. Baby; Bharathi, Muruganatham ... Arulseivan, Palanisamy
Published: Feb 2025 in Journal of Inorganic and Organometallic Polymers and Materials
DOI: 10.1007/S10904-024-03347-2
Accession Number: WOS:001302307400001

Effect of lycopene on TiO₂ nanoforms induced oxidative stress and neuroinflammation in SH-SY5Y cells: an in vitro study 2
Authors (2): Almeer, Rafa; Alyami, Nouf M.
Published: Jan 2025 in Drug and Chemical Toxicology
DOI: 10.1080/01480545.2024.2397429
Accession Number: WOS:001304888000001

New Organoruthenium(II) Complexes Containing Andrographolide-Appended Hydrazone Derivatives: Synthesis, Spectral Characterization, Anticancer Evaluation 1
Authors (6): Dhivakar, P.; Kalaiarasi, G. ... Prasad, Priya
Published: Jan 2025 in Applied Organometallic Chemistry
DOI: 10.1002/AOC.7777
Accession Number: WOS:001322261700001

Ziziphus hamur Engl., a Rare Medicinal Plant Modulates Cytokine and Hematological Levels during Sub-Acute Toxicity Studies in Wistar Rats 1
Authors (11): Ameer, Kalandar; Ali, Mohamed ... Subramanian, Senthilkumar

Ramadan fasting model modulates biomarkers of longevity and metabolism in male obese and non-obese rats 3
Authors (10): Alasmari, Abeer Abdallah; Alhussain, Maha H. ... Bahammam, Ahmed S.
Published: Nov 2024 in Scientific Reports
DOI: 10.1038/S41598-024-79557-Y
Accession Number: WOS:001361311200014

Synthesis and Characterization of Novel Chitosan-Nickel oxide Based Amygdalin Hybrid Nanomaterials for Antibacterial and Anticancer 0
Authors (6): Saravanan, Karunakaran; Bharathi, Muruganatham ... Arulselvan, Palanisamy
Published: Oct 2024 in Indian Journal of Pharmaceutical Education and Research
DOI: 10.5530/IJPER.58.4.135
Accession Number: WOS:001335132400022

GREEN SYNTHESIS OF COPPER NANOPARTICLES FROM TERMINALIA ARJUNA (L.) BARK EXTRACT: CHARACTERIZATION AND POTENTIAL FOR MERCURY DEGRADATION 2
Authors (7): Ramalakshmi, C.; Suresh, S. ... Mariselvam, R.
Published: Sep 2024 in Bulletin of the Chemical Society of Ethiopia
DOI: 10.4314/BCSE.V38I6.16
Accession Number: WOS:001323119100016

In vitro cancer cell line luminescence-based validation of anticancer phytocompounds obtained from Leucas biflora against HELA cervical and A549 lung cancer cells 5
Authors (8): Chitra, Kandasamy; Sureshkumar, Muthusamy ... Alharbi, Sulaiman Ali
Published: Aug 2024 in Luminescence: the Journal of Biological and Chemical Luminescence
DOI: 10.1002/BIO.4855
Accession Number: WOS:001283899500001

Effect of seed priming with auxin on ROS detoxification and carbohydrate metabolism and their relationship with germination and early seedling establishment in salt stressed maize 10
Authors (9): Ellouzi, Hasna; Debez, Imen Ben Slimene ... Zorrig, Walid
Published: Jul 2024 in BMC Plant Biology
DOI: 10.1186/S12870-024-05413-W
Accession Number: WOS:001277773000007

Inducing breast cancer cell death: The impact of taxodone on proliferation through apoptosis 1
Authors (2): Bakhsh, Tahani; Alyami, Nouf M.
Published: Jul 2024 in Heliyon
DOI: 10.1016/J.HELIYON.2024.E34044
Accession Number: WOS:001266443200001

<p>Molecular screening and genetic diversity of tick-borne pathogens associated with dogs and livestock ticks in Egypt</p> <p>Authors (8): Senbill, Haytham; Karawia, Donia ... Baruah, Aiswarya</p> <p>Published: Jun 2024 in PLoS Neglected Tropical Diseases</p> <p>DOI: 10.1371/JOURNAL.PNTD.0012185</p> <p>Accession Number: WOS:001241168200001</p>	9
<p>In vitro and in vivo antifungal efficacy of individual and consortium Bacillus strains in controlling potato black scurf and possible development of spore-based fungicide</p> <p>Authors (9): Debez, Imen Ben Slimene; Ben Alaya, Amani ... Djebali, Naceur</p> <p>Published: Jun 2024 in Biological Control</p> <p>DOI: 10.1016/J.BIOCONTROL.2024.105527</p> <p>Accession Number: WOS:001240667200001</p>	1
<p>Oral administration of proniosomal glibenclamide formulation protects testicular tissue from hyperglycemia fluctuations and ROS via Nrf2/HO-1 pathway</p> <p>Authors (8): Alyami, Nouf M.; Alnakhli, Zainab A. ... Ibrahim, Mohamed</p> <p>Published: May 2024 in Heliyon</p> <p>DOI: 10.1016/J.HELIYON.2024.E31283</p> <p>Accession Number: WOS:001243459700001</p>	4
<p>Determination of dose- and time-dependent hepatotoxicity and apoptosis of Lanthanum oxide nanoparticles in female Swiss albino mice</p> <p>Authors (15): Alyami, Nouf M.; Alobadi, Hussah ... Ali, Daoud</p> <p>Published: Mar 2024 in Environmental Science and Pollution Research</p> <p>DOI: 10.1007/S11356-024-32209-0</p> <p>Accession Number: WOS:001160243400012</p>	6
<p>Effect of zirconium diboride on microstructural and mechanical properties of AA2017 produced via liquid stir casting</p> <p>Authors (7): Kamaraj, Logesh; Sharma, Prashant ... Alahmadi, Tahani Awad</p> <p>Published: 2024 in Revista Materia</p> <p>DOI: 10.1590/1517-7076-RMAT-2024-0411</p> <p>Accession Number: WOS:001353078400001</p>	1
<p>Formulation of Glibenclamide proniosomes for oral administration: Pharmaceutical and pharmacodynamics evaluation</p> <p>Authors (9): Alshora, Doaa; Ibrahim, Mohamed ... Alotaibi, Ibrahim</p> <p>Published: Dec 2023 in Saudi Pharmaceutical Journal</p> <p>DOI: 10.1016/J.JSPS.2023.101830</p> <p>Accession Number: WOS:001105427500001</p>	8
<p>A combined neural network mechanism for categorizing the normal and cancer cells (Retracted Article)</p> <p>Authors (9): Vigil, M. S. Antony; Agarwal, Amit ... Raghavan, S. S.</p> <p>Published: Nov 2023 in Journal of Intelligent & Fuzzy Systems</p> <p>DOI: 10.3233/JIFS-234188</p> <p>Accession Number: WOS:001099536200001</p>	0
<p>Renal-protective effect of Asparagus officinalis aqueous extract against lead-induced nephrotoxicity mouse model</p>	2

Authors (2): Almeer, Rafa; Alyami, Nouf M.
Published: Nov 2023 in Environmental Science and Pollution Research
DOI: 10.1007/S11356-023-30280-7
Accession Number: WOS:001083973500001

The protective effect of apigenin against inorganic arsenic salt-induced toxicity in PC12 cells 7

Authors (2): Almeer, Rafa; Alyami, Nouf M.
Published: Sep 2023 in Environmental Science and Pollution Research
DOI: 10.1007/S11356-023-29884-W
Accession Number: WOS:001070513000002

Use of multi-walled carbon nanotubes (MWCNTs) stabilized in Arabic gum colloidal solution to induce genotoxicity and apoptosis of human breast and lung cancer cell lines 7

Authors (7): Al-zharani, Mohammed; Alyami, Nouf M. ... Daoush, Walid Mohamed
Published: Aug 2023 in Frontiers in Materials
DOI: 10.3389/FMATS.2023.1229637
Accession Number: WOS:001093640100001

Protective effects of *Asparagus officinalis* (asparagus) against lead toxicity in mice 7

Authors (3): Alyami, Nouf M.; Almeer, Rafa; Alyami, Hanadi M.
Published: Feb 2023 in Environmental Science and Pollution Research
DOI: 10.1007/S11356-022-23540-5
Accession Number: WOS:000865920400020

Role of green synthesized platinum nanoparticles in cytotoxicity, oxidative stress, and apoptosis of human colon cancer cells (HCT-116) 9

Authors (3): Alyami, Nouf M.; Almeer, Rafa; Alyami, Hanadi M.
Published: Dec 2022 in Heliyon
DOI: 10.1016/J.HELIYON.2022.E11917
Accession Number: WOS:000935464400013

Influence of *Padina gymnospora* on Apoptotic Proteins of Oral Cancer Cells-a Proteome-Wide Analysis 5

Authors (6): Zhang, Qian; Kandasamy, Kavitha ... Elayappan, Poorni Kaliyappan
Published: Dec 2022 in Applied Biochemistry and Biotechnology
DOI: 10.1007/S12010-022-04045-W
Accession Number: WOS:000826848600001

Using green biosynthesized kaempferol-coated silver nanoparticles to inhibit cancer cells growth: an in vitro study using hepatocellular carcinoma (HepG2) 20

Authors (3): Alyami, Nouf M.; Alyami, Hanadi M.; Almeer, Rafa
Published: Dec 2022 in Cancer Nanotechnology
DOI: 10.1186/S12645-022-00132-Z
Accession Number: WOS:000847675700001

Proanthocyanidins alleviate pentylenetetrazole-induced epileptic seizures in mice via the antioxidant activity 15

Authors (4): Alyami, Nouf M.; Abdi, Saba ... Almeer, Rafa
Published: Oct 2022 in Neurochemical Research

DOI: 10.1007/S11064-022-03647-4
Accession Number: WOS:000825926800001

Region Convolutional Neural Network for Brain Tumor Segmentation 2
Authors (10): Pitchai, R.; Praveena, K. ... Prince, T.
Published: Sep 2022 in Computational Intelligence and Neuroscience
DOI: 10.1155/2022/8335255
Accession Number: WOS:000872907800004

Lung Cancer Prediction from Text Datasets Using Machine Learning (Retracted Article) 16
Authors (9): Kumar, C. Anil; Harish, S. ... Asfaw, Amare Kebede
Published: Jul 2022 in BioMed Research International
DOI: 10.1155/2022/6254177
Accession Number: WOS:000880053900008

MetaPhenomics: quantifying the many ways plants respond to their abiotic environment, using light intensity as an example 7
Authors (5): Poorter, Hendrik; Yin, Xinyou ... Pons, Thijs L.
Published: Jul 2022 in Plant and Soil
DOI: 10.1007/S11104-022-05391-8
Accession Number: WOS:000800997900002

Dose-Dependent Variation in Anticancer Activity of Hexane and Chloroform Extracts of Field Horsetail Plant on Human Hepatocarcinoma Cells 2
Authors (10): Almasoud, Hadeel A.; Ali, Daoud ... Alarifi, Saud
Published: Jun 2022 in BioMed Research International
DOI: 10.1155/2022/5778411
Accession Number: WOS:000871950000001

MicroRNAs Role in Breast Cancer: Theranostic Application in Saudi Arabia 8
Authors (1): Alyami, Nouf M.
Published: Oct 2021 in Frontiers in Oncology
DOI: 10.3389/FONC.2021.717759
Accession Number: WOS:000726200100001

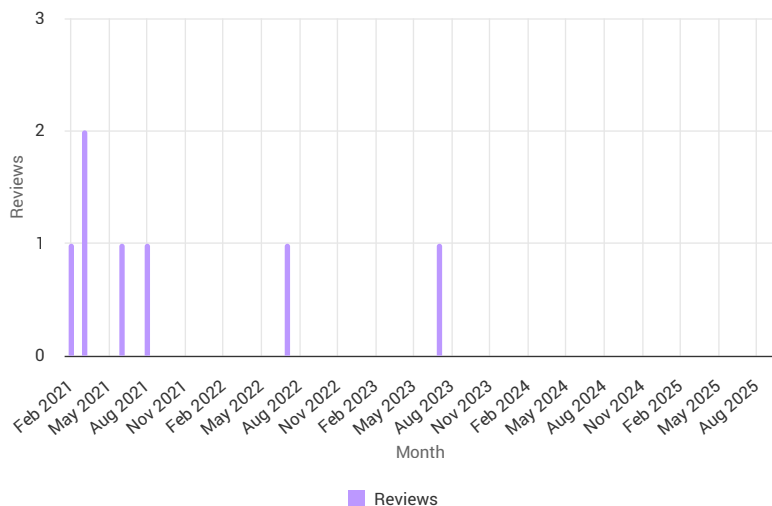
Mechanisms of Apoptotic Cell Death by Stainless Steel Nanoparticle Through Reactive Oxygen Species and Caspase-3 Activities on Human Liver Cells 12
Authors (8): Almutairi, Bader; Ali, Daoud ... Alarifi, Saud
Published: Sep 2021 in Frontiers in Molecular Biosciences
DOI: 10.3389/FMOLB.2021.729590
Accession Number: WOS:000705892200001

Tantalum doped TiO₂ nanoparticles induced cytotoxicity and DNA damage through ROS generation in human neuroblastoma cells 13
Authors (6): Almutairi, Bader; Ali, Daoud ... Alarifi, Saud
Published: Sep 2021 in Journal of King Saud University - Science
DOI: 10.1016/J.JKSUS.2021.101546
Accession Number: WOS:000695287300048

Role of Oxidative Stress in La₂O₃ Nanoparticle-Induced Cytotoxicity and Apoptosis in CHANG and HuH-7 Cells 18

Verified Reviews

Review Summary



Reviewer Summary

For manuscripts reviewed from date range September 2020 - September 2025

(7) Environmental Science and Pollu...

7 REVIEWS OF 7 MANUSCRIPTS

For manuscripts published from date range September 2020 - September 2025

BPDE-DNA adduct formation and alterations of mRNA, protein, and DNA methylation of CYP1A1, GSTP1, and GSTM1 induced by benzo[a]pyrene and the intervention of aspirin in mice
Reviewed: Jul 2023 for Environmental Science and Pollution Research

Anti-angiogenic effects of aqueous extract from *Agrostemma githago* L. seed in human umbilical vein endothelial cells via regulating Notch/VEGF, MMP2/9, ANG2, and VEGFR2
Reviewed: Jul 2022 for Environmental Science and Pollution Research

Stress-induced miRNAs isolated from wheat have a unique therapeutic potential in ultraviolet-stressed human keratinocyte cells
Reviewed: Aug 2021 for Environmental Science and Pollution Research

Identification of environmental aflatoxin producer fungi using 18S rRNA gene sequence and the role of glutathione S-transferases gene polymorphism on the risk of hepatic carcinoma in exposed workers
Reviewed: Jun 2021 for Environmental Science and Pollution Research

Protective effects of *Persea americana* fruit and seed extracts against chemically induced liver cancer in rats by enhancing their antioxidant, anti-inflammatory, and apoptotic activities
Reviewed: Mar 2021 for Environmental Science and Pollution Research

Melatonin antagonizes ozone-exacerbated asthma by inhibiting the TRPV1 channel and stabilizing the Nrf2 pathway

Reviewed: Mar 2021 for Environmental Science and Pollution Research

Phytochemical screening of Cinnamomum cassia and its protective effects against hepatotoxicity induced by difenoconazole in male albino rats

Reviewed: Feb 2021 for Environmental Science and Pollution Research
