

Saud A Alarifi

List of Publications by Year in descending order

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173
papers

3,591
citations

117453

34
h-index

189595

50
g-index

175
all docs

175
docs citations

175
times ranked

5627
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytotoxicity and Genotoxicity of Copper Oxide Nanoparticles in Human Skin Keratinocytes Cells. <i>International Journal of Toxicology</i> , 2013, 32, 296-307.	0.6	143
2	Iron Oxide Nanoparticles Induce Oxidative Stress, DNA Damage, and Caspase Activation in the Human Breast Cancer Cell Line. <i>Biological Trace Element Research</i> , 2014, 159, 416-424.	1.9	129
3	Oxidative stress and genotoxic effect of zinc oxide nanoparticles in freshwater snail <i>Lymnaea luteola</i> L. <i>Aquatic Toxicology</i> , 2012, 124-125, 83-90.	1.9	107
4	Isolation and evaluation of anticancer efficacy of stigmasterol in a mouse model of DMBA-induced skin carcinoma. <i>Drug Design, Development and Therapy</i> , 2015, 9, 2793.	2.0	94
5	Evaluation of cytotoxic, oxidative stress, proinflammatory and genotoxic effect of silver nanoparticles in human lung epithelial cells. <i>Environmental Toxicology</i> , 2015, 30, 149-160.	2.1	93
6	Green-Synthesized Silver Nanoparticles Induced Apoptotic Cell Death in MCF-7 Breast Cancer Cells by Generating Reactive Oxygen Species and Activating Caspase 3 and 9 Enzyme Activities. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	87
7	<p>Effects of Green Silver Nanoparticles on Apoptosis and Oxidative Stress in Normal and Cancerous Human Hepatic Cells in vitro</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1537-1548.	3.3	77
8	Royal jelly attenuates cadmium-induced nephrotoxicity in male mice. <i>Scientific Reports</i> , 2019, 9, 5825.	1.6	76
9	Cerium Oxide Nanoparticles Induce Oxidative Stress and Genotoxicity in Human Skin Melanoma Cells. <i>Cell Biochemistry and Biophysics</i> , 2015, 71, 1643-1651.	0.9	75
10	Oxidative stress contributes to cobalt oxide nanoparticles-induced cytotoxicity and DNA damage in human hepatocarcinoma cells. <i>International Journal of Nanomedicine</i> , 2013, 8, 189.	3.3	66
11	Reactive Oxygen Species-Mediated DNA Damage and Apoptosis in Human Skin Epidermal Cells After Exposure to Nickel Nanoparticles. <i>Biological Trace Element Research</i> , 2014, 157, 84-93.	1.9	65
12	Induction of oxidative stress, DNA damage, and apoptosis in a malignant human skin melanoma cell line after exposure to zinc oxide nanoparticles. <i>International Journal of Nanomedicine</i> , 2013, 8, 983.	3.3	62
13	The potential hepatoprotective effect of royal jelly against cadmium chloride-induced hepatotoxicity in mice is mediated by suppression of oxidative stress and upregulation of Nrf2 expression. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1490-1498.	2.5	60
14	Regulation of apoptosis through bcl-2/bax proteins expression and DNA damage by nano-sized gadolinium oxide. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4541-4551.	3.3	59
15	Sensitivity of freshwater pulmonate snail <i>Lymnaea luteola</i> L., to silver nanoparticles. <i>Chemosphere</i> , 2014, 104, 134-140.	4.2	58
16	Tollâ€like receptor 3 polymorphism and its association with hepatitis B virus infection in Saudi Arabian patients. <i>Journal of Medical Virology</i> , 2012, 84, 1353-1359.	2.5	53
17	ROS-Mediated Apoptosis and Genotoxicity Induced by Palladium Nanoparticles in Human Skin Malignant Melanoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	1.9	53
18	The nephroprotective effects of allicin and ascorbic acid against cisplatin-induced toxicity in rats. <i>Environmental Science and Pollution Research</i> , 2019, 26, 13502-13509.	2.7	52

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19	Oxidative Stress-Induced DNA Damage by Manganese Dioxide Nanoparticles in Human Neuronal Cells. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	50
20	Piperine Enhances the Antioxidant and Anti-Inflammatory Activities of Thymoquinone against Microcystin-LR-Induced Hepatotoxicity and Neurotoxicity in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	1.9	50
21	Histologic and apoptotic changes induced by titanium dioxide nanoparticles in the livers of rats. <i>International Journal of Nanomedicine</i> , 2013, 8, 3937.	3.3	49
22	Curcumin and quercetin synergistically attenuate subacute diazinon-induced inflammation and oxidative neurohepatic damage, and acetylcholinesterase inhibition in albino rats. <i>Environmental Science and Pollution Research</i> , 2019, 26, 3659-3665.	2.7	49
23	Arsenic trioxide-mediated oxidative stress and genotoxicity in human hepatocellular carcinoma cells. <i>OncoTargets and Therapy</i> , 2013, 6, 75.	1.0	46
24	Royal Jelly Abrogates Cadmium-Induced Oxidative Challenge in Mouse Testes: Involvement of the Nrf2 Pathway. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3979.	1.8	43
25	The Role of RhoA, RhoB and RhoC GTPases in Cell Morphology, Proliferation and Migration in Human Cytomegalovirus (HCMV) Infected Glioblastoma Cells. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 94-109.	1.1	42
26	Isolation and characterization of butachlor-catabolizing bacterial strain <i>Stenotrophomonas acidaminiphila</i> JS-1 from soil and assessment of its biodegradation potential. <i>Letters in Applied Microbiology</i> , 2010, 51, no-no.	1.0	41
27	Blood chemical changes and renal histological alterations induced by gentamicin in rats. <i>Saudi Journal of Biological Sciences</i> , 2012, 19, 103-110.	1.8	41
28	Rapid activation of FAK/mTOR/p70S6K/PAK1-signaling controls the early testosterone-induced actin reorganization in colon cancer cells. <i>Cellular Signalling</i> , 2013, 25, 66-73.	1.7	41
29	In silico molecular docking: Evaluation of coumarin based derivatives against SARS-CoV-2. <i>Journal of Infection and Public Health</i> , 2020, 13, 1671-1677.	1.9	40
30	Differential Effects of Dehydroepiandrosterone and Testosterone in Prostate and Colon Cancer Cell Apoptosis: The Role of Nerve Growth Factor (NGF) Receptors. <i>Endocrinology</i> , 2013, 154, 2446-2456.	1.4	39
31	Membrane Androgen Receptor Down-Regulates c-Src-Activity and Beta-Catenin Transcription and Triggers GSK-3beta-Phosphorylation in Colon Tumor Cells. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 1402-1412.	1.1	39
32	Nephroprotective Role of Selenium Nanoparticles Against Glycerol-Induced Acute Kidney Injury in Rats. <i>Biological Trace Element Research</i> , 2020, 194, 444-454.	1.9	39
33	ROS-dependent Bax/Bcl2 and caspase 3 pathway-mediated apoptosis induced by zineb in human keratinocyte cells. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 489-497.	1.0	37
34	Royal jelly mitigates cadmium-induced neuronal damage in mouse cortex. <i>Molecular Biology Reports</i> , 2019, 46, 119-131.	1.0	37
35	Methotrexate-induced apoptosis in human ovarian adenocarcinoma SKOV-3 cells via ROS-mediated bax/bcl-2-cyt-c release cascading. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 21-30.	1.0	35
36	Carnosic acid alleviates chlorpyrifos-induced oxidative stress and inflammation in mice cerebral and ocular tissues. <i>Environmental Science and Pollution Research</i> , 2020, 27, 11663-11670.	2.7	35

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37	Nanoalumina induces apoptosis by impairing antioxidant enzyme systems in human hepatocarcinoma cells. <i>International Journal of Nanomedicine</i> , 2015, 10, 3751.	3.3	34
38	Fucoidan alleviates microcystin-LR-induced hepatic, renal, and cardiac oxidative stress and inflammatory injuries in mice. <i>Environmental Science and Pollution Research</i> , 2020, 27, 2935-2944.	2.7	31
39	Methyl thiophanate as a DNA minor groove binder produces MT-Cu(II)-DNA ternary complex preferably with AT rich region for initiation of DNA damage. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 68-75.	3.6	29
40	Fungicide methyl thiophanate binding at sub-domain IIA of human serum albumin triggers conformational change and protein damage. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 60-67.	3.6	29
41	Mechanisms of Multi-walled Carbon Nanotubes-Induced Oxidative Stress and Genotoxicity in Mouse Fibroblast Cells. <i>International Journal of Toxicology</i> , 2015, 34, 258-265.	0.6	28
42	Silver-doped graphene oxide nanocomposite triggers cytotoxicity and apoptosis in human hepatic normal and carcinoma cells. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5685-5699.	3.3	28
43	The ameliorative effects of ceftriaxone and vitamin E against cisplatin-induced nephrotoxicity. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15248-15254.	2.7	28
44	In vivo investigation on the chronic hepatotoxicity induced by intraperitoneal administration of 10-nm silicon dioxide nanoparticles. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2685-2696.	3.3	27
45	Green synthesis of zinc oxide nanoparticles using <i>Anoectochilus elatus</i> , and their biomedical applications. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2270-2279.	1.8	26
46	Impairment of DNA in a Freshwater Gastropod (<i>Lymnea luteola</i> L.) After Exposure to Titanium Dioxide Nanoparticles. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 68, 543-552.	2.1	25
47	Chorein Sensitive Orai1 Expression and Store Operated Ca ²⁺ Entry in Rhabdomyosarcoma Cells. <i>Cellular Physiology and Biochemistry</i> , 2016, 40, 1141-1152.	1.1	25
48	Platinum nanoparticles induced genotoxicity and apoptotic activity in human normal and cancer hepatic cells via oxidative stress-mediated Bax/Bcl-2 and caspase-3 expression. <i>Environmental Toxicology</i> , 2020, 35, 930-941.	2.1	24
49	Patellofemoral Joint Loads During Running at the Time of Return to Sport in Elite Athletes With ACL Reconstruction. <i>American Journal of Sports Medicine</i> , 2017, 45, 2812-2816.	1.9	23
50	Green Platinum Nanoparticles Interaction With HEK293 Cells: Cellular Toxicity, Apoptosis, and Genetic Damage. <i>Dose-Response</i> , 2018, 16, 155932581880738.	0.7	23
51	<p>Apoptotic and DNA-damaging effects of yttria-stabilized zirconia nanoparticles on human skin epithelial cells</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7003-7016.	3.3	22
52	Dose- and duration-dependent cytotoxicity and genotoxicity in human hepato carcinoma cells due to CdTe QDs exposure. <i>Human and Experimental Toxicology</i> , 2019, 38, 914-926.	1.1	22
53	Effect of essential oils on the immune response to some viral vaccines in broiler chickens, with special reference to Newcastle disease virus. <i>Poultry Science</i> , 2020, 99, 2944-2954.	1.5	22
54	The FIFA 11+ Shoulder Injury Prevention Program Was Effective in Reducing Upper Extremity Injuries Among Soccer Goalkeepers: A Randomized Controlled Trial. <i>American Journal of Sports Medicine</i> , 2021, 49, 2293-2300.	1.9	22

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55	Single-walled carbon nanotubes induce cytotoxicity and DNA damage via reactive oxygen species in human hepatocarcinoma cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014, 50, 714-722.	0.7	21
56	The prognostic value of JUNB-positive CTCs in metastatic breast cancer: from bioinformatics to phenotypic characterization. <i>Breast Cancer Research</i> , 2019, 21, 86.	2.2	21
57	Comparative study of antioxidant and anticancer activities and HPTLC quantification of rutin in white radish (<i>Raphanus sativus</i> L.) leaves and root extracts grown in Saudi Arabia. <i>Open Chemistry</i> , 2021, 19, 408-416.	1.0	21
58	Ziziphus spina-christi leaf extract attenuates mercury chloride-induced testicular dysfunction in rats. <i>Environmental Science and Pollution Research</i> , 2020, 27, 3401-3412.	2.7	20
59	In vivo DNA damaging and apoptotic potential of silver nanoparticles in Swiss albino mice. <i>OncoTargets and Therapy</i> , 2015, 8, 295.	1.0	19
60	RhoB is a component of the human cytomegalovirus assembly complex and is required for efficient viral production. <i>Cell Cycle</i> , 2015, 14, 2748-2763.	1.3	19
61	Fibroblast growth factor (Fgf) 23 gene transcription depends on actin cytoskeleton reorganization. <i>FEBS Letters</i> , 2016, 590, 705-715.	1.3	19
62	Assessment of DNA damage and oxidative stress in juvenile <i>Channa punctatus</i> (Bloch) after exposure to multi-walled carbon nanotubes. <i>Environmental Toxicology</i> , 2020, 35, 359-367.	2.1	19
63	Synthesis and physicochemical characteristics of Ag-doped hydroxyapatite nanoparticles, and their potential biomedical applications. <i>Environmental Research</i> , 2022, 210, 112979.	3.7	19
64	Ecotoxicity of single-wall carbon nanotubes to freshwater snail <i>Lymnaea luteola</i> L.: Impacts on oxidative stress and genotoxicity. <i>Environmental Toxicology</i> , 2015, 30, 674-682.	2.1	18
65	Association of Toll-Like Receptor 3 Single-Nucleotide Polymorphisms and Hepatitis C Virus Infection. <i>Journal of Immunology Research</i> , 2017, 2017, 1-11.	0.9	18
66	The Epigenetic Factor KDM2B Regulates EMT and Small GTPases in Colon Tumor Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 368-377.	1.1	18
67	Impacts of Enriching Growing Rabbit Diets with <i>Chlorella vulgaris</i> Microalgae on Growth, Blood Variables, Carcass Traits, Immunological and Antioxidant Indices. <i>Animals</i> , 2019, 9, 788.	1.0	18
68	L-Carnitine Mitigates Oxidative Stress and Disorganization of Cytoskeleton Intermediate Filaments in Cisplatin-Induced Hepato-Renal Toxicity in Rats. <i>Frontiers in Pharmacology</i> , 2020, 11, 574441.	1.6	18
69	Phytochemical analysis and fabrication of silver nanoparticles using <i>Acacia catechu</i> : An efficacious and ecofriendly control tool against selected polyphagous insect pests. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 148-156.	1.8	18
70	Bismuth oxide nanoparticles induce oxidative stress and apoptosis in human breast cancer cells. <i>Environmental Science and Pollution Research</i> , 2021, 28, 7379-7389.	2.7	18
71	Long-term exposure to incense smoke alters metabolism in Wistar albino rats. <i>Cell Biochemistry and Function</i> , 2011, 29, 96-101.	1.4	17
72	Delta Like-1 Gene Mutation: A Novel Cause of Congenital Vertebral Malformation. <i>Frontiers in Genetics</i> , 2019, 10, 534.	1.1	17

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73	Molecular Mechanism of Cytotoxicity, Genotoxicity, and Anticancer Potential of Green Gold Nanoparticles on Human Liver Normal and Cancerous Cells. <i>Dose-Response</i> , 2020, 18, 155932582091215.	0.7	17
74	The protective role of luteolin against the methotrexate-induced hepato-renal toxicity via its antioxidative, anti-inflammatory, and anti-apoptotic effects in rats. <i>Human and Experimental Toxicology</i> , 2021, 40, 1194-1207.	1.1	17
75	Chorein Sensitive Dopamine Release from Pheochromocytoma (PC12) Cells. <i>NeuroSignals</i> , 2015, 23, 1-10.	0.5	15
76	Functional characterization and anti-cancer action of the clinical phase II cardiac Na ⁺ /K ⁺ ATPase inhibitor istaroxime: <i>in vitro</i> and <i>in vivo</i> properties and cross talk with the membrane androgen receptor. <i>Oncotarget</i> , 2016, 7, 24415-24428.	0.8	15
77	Mechanistic investigation of toxicity of chromium oxide nanoparticles in murine fibrosarcoma cells. <i>International Journal of Nanomedicine</i> , 2016, 11, 1253.	3.3	15
78	Nephroprotective Role of <i>Beta vulgaris</i> L. Root Extract against Chlorpyrifos-Induced Renal Injury in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-9.	0.5	15
79	Isolation and evaluation of biological efficacy of quercetol in human hepatic carcinoma cells. <i>Drug Design, Development and Therapy</i> , 2016, 10, 155.	2.0	14
80	Antimicrobial Activity and Characterization of Pomegranate Peel-Based Carbon Dots. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-6.	1.5	14
81	Ultrastructural changes of pneumocytes of rat exposed to Arabian incense (Bakhour). <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2004, 25, 1689-93.	0.5	14
82	Investigation of Cytotoxicity Apoptotic and Inflammatory Responses of Biosynthesized Zinc Oxide Nanoparticles from <i>Ocimum sanctum</i> Linn in Human Skin Keratinocyte (Hacat) and Human Lung Epithelial (A549) Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-9.	1.9	13
83	Use of β -galactosidase (<i>lacZ</i>) gene complementation as a novel approach for assessment of titanium oxide nanoparticles induced mutagenesis. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 747, 246-252.	0.9	12
84	Fish as bio indicators to determine the effects of pollution in river by using the micronucleus and alkaline single cell gel electrophoresis assay. <i>Journal of King Saud University - Science</i> , 2020, 32, 2880-2885.	1.6	12
85	Somatic embryogenesis and <i>in vitro</i> plant regeneration of <i>Bacopa monnieri</i> (Linn.) Wettst., a potential medicinal water hyssop plant. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 353-359.	1.8	12
86	Trigger action of copper aminophosphate (X-CuAP) nanoparticles for enhanced electrochemical, photocatalyst and biological properties. <i>Optical Materials</i> , 2021, 117, 111113.	1.7	12
87	Ionic liquid covered iron-oxide magnetic nanoparticles decorated zeolite nanocomposite for excellent catalytic reduction and degradation of environmental toxic organic pollutants and dyes. <i>Journal of Molecular Liquids</i> , 2021, 342, 117492.	2.3	12
88	Genotoxicity in the freshwater gastropod <i>Lymnaea luteola</i> L: assessment of cell type sensitivities to lead nitrate. <i>Chemistry and Ecology</i> , 2017, 33, 171-179.	0.6	11
89	Reserpine inhibits DNA repair, cell proliferation, invasion and induces apoptosis in oral carcinogenesis via modulation of TGF- β signaling. <i>Life Sciences</i> , 2021, 264, 118730.	2.0	11
90	Dieckol alleviates dextran sulfate sodium-induced colitis via inhibition of inflammatory pathway and activation of Nrf2/HO-1 signaling pathway. <i>Environmental Toxicology</i> , 2021, 36, 782-788.	2.1	11

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91	A Steroidal Na ⁺ and K ⁺ ATPase Inhibitor Triggers Pro-apoptotic Signaling and Induces Apoptosis in Prostate and Lung Tumor Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1161-1168.	0.9	11
92	Seaweed polysaccharide mediated synthesis of silver nanoparticles and its enhanced disease resistance in <i>Oreochromis mossambicus</i> . <i>Journal of King Saud University - Science</i> , 2022, 34, 101771.	1.6	11
93	RANTES gene polymorphisms (-403G>A and -28C>G) associated with hepatitis B virus infection in a Saudi population. <i>Genetics and Molecular Research</i> , 2012, 11, 855-862.	0.3	10
94	Cytotoxicity and Genotoxicity of Cypermethrin in Hepatocarcinoma Cells: A Dose- and Time-Dependent Study. <i>Dose-Response</i> , 2018, 16, 155932581876088.	0.7	10
95	Ziziphus spina-christi Leaf Extract Suppressed Mercury Chloride-Induced Nephrotoxicity via Nrf2-Antioxidant Pathway Activation and Inhibition of Inflammatory and Apoptotic Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	10
96	Tel-Cu-NPs Catalyst: Synthesis of Naphtho[2,3-g]phthalazine Derivatives as Potential Inhibitors of Tyrosinase Enzymes and Their Investigation in Kinetic, Molecular Docking, and Cytotoxicity Studies. <i>Catalysts</i> , 2020, 10, 1442.	1.6	10
97	Effectiveness of the FIFA 11+ Referees Injury Prevention Program in reducing injury rates in male amateur soccer referees. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1774-1781.	1.3	10
98	Role of Oxidative Stress in La2O3 Nanoparticle-Induced Cytotoxicity and Apoptosis in CHANG and HuH-7 Cells. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3487-3496.	3.3	9
99	Facile synthesis and characterization of ZnO nanoparticles using <i>Abutilon indicum</i> leaf extract: An eco-friendly nano-drug on human microbial pathogens. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102917.	1.4	9
100	Mechanisms of Apoptotic Cell Death by Stainless Steel Nanoparticle Through Reactive Oxygen Species and Caspase-3 Activities on Human Liver Cells. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 729590.	1.6	9
101	Apoptotic and Antioxidant Activity of Gold Nanoparticles Synthesized Using Marine Brown Seaweed: An In Vitro Study. <i>BioMed Research International</i> , 2022, 2022, 1-9.	0.9	9
102	Determination of nephrotoxicity and genotoxic potential of silver nanoparticles in Swiss albino mice. <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 294-301.	0.6	8
103	The histone demethylase KDM2B activates FAK and PI3K that control tumor cell motility. <i>Cancer Biology and Therapy</i> , 2020, 21, 533-540.	1.5	8
104	Investigation of biological accumulation and eco-genotoxicity of bismuth oxide nanoparticle in fresh water snail <i>Lymnaea luteola</i> . <i>Journal of King Saud University - Science</i> , 2021, 33, 101355.	1.6	8
105	In Vitro Cytotoxic Evaluation and Apoptotic Effects of <i>Datura innoxia</i> Grown in Saudi Arabia and Phytochemical Analysis. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2864.	1.3	8
106	Tantalum doped TiO2 nanoparticles induced cytotoxicity and DNA damage through ROS generation in human neuroblastoma cells. <i>Journal of King Saud University - Science</i> , 2021, 33, 101546.	1.6	8
107	Green synthesis, characterization and biological activity of <i>Solanum trilobatum</i> -mediated silver nanoparticles. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2131-2137.	1.8	8
108	Preparation and Evaluation of Silymarin-Loaded Solid Eutectic for Enhanced Anti-Inflammatory, Hepatoprotective Effect: In Vitro and In Vivo Prospect. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	8

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109	In vitro apoptotic and DNA damaging potential of nanobarium oxide. International Journal of Nanomedicine, 2016, 11, 249.	3.3	7
110	Berberine mitigates oxidative damage associated with testicular impairment following mercury chloride intoxication. Journal of Food Biochemistry, 2020, 44, e13385.	1.2	7
111	Grindstone Chemistry: Design, One-Pot Synthesis, and Promising Anticancer Activity of Spiro[acridine-9,2-indoline]-1,3,8-trione Derivatives against the MCF-7 Cancer Cell Line. Molecules, 2020, 25, 5862.	1.7	7
112	Kirenol inhibited the cell survival and induced apoptosis in human thyroid cancer cells by altering PI3K / AKT and MAP kinase signaling pathways. Environmental Toxicology, 2021, 36, 811-820.	2.1	7
113	Synthesis and Characterization of Aminophosphonate Containing Chitosan Polymer Derivatives: Investigations of Cytotoxic Activity and in Silico Study of SARS-CoV-19. Polymers, 2021, 13, 1046.	2.0	7
114	Detection of Apoptosis Induced by Gentamicin in Rat Hepatocytes. International Journal of Zoological Research, 2009, 5, 161-170.	0.6	7
115	Mesoporous SBA-15 Silica-Loaded Nano-formulation of Quercetin: A Probable Radio-Sensitizer for Lung Carcinoma. Dose-Response, 2022, 20, 155932582110505.	0.7	7
116	Dopamine-Mediated Vanillin Multicomponent Derivative Synthesis via Grindstone Method: Application of Antioxidant, Anti-Tyrosinase, and Cytotoxic Activities. Drug Design, Development and Therapy, 2021, Volume 15, 787-802.	2.0	6
117	Poly Lactic-Co-Glycolic Acid- (PLGA-) Loaded Nanoformulation of Cisplatin as a Therapeutic Approach for Breast Cancers. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-8.	1.9	6
118	Histological changes in the lung of Wistar albino rats (<i>Rattus norvegicus</i>) after exposure to Arabian incense (Genus <i>Boswellia</i>). Annals of Saudi Medicine, 2004, 24, 293-295.	0.5	6
119	Regulatory elements in the 5' region of 16SrRNA gene of Bacillus sp. strain SJ-101. Bioinformation, 2009, 3, 375-380.	0.2	6
120	Tyrosinase-mediated synthesis of larvicidal active 1,5-diphenyl pent-4-en-1-one derivatives against Culex quinquefasciatus and investigation of their ichthyotoxicity. Scientific Reports, 2021, 11, 20730.	1.6	6
121	New Chitosan Polymer Scaffold Schiff Bases as Potential Cytotoxic Activity: Synthesis, Molecular Docking, and Physicochemical Characterization. Frontiers in Chemistry, 2021, 9, 796599.	1.8	6
122	Histological and histochemical alterations induced by lead in the liver of the quail <i>Coturnix coturnix</i> . Toxicological and Environmental Chemistry, 2009, 91, 1191-1203.	0.6	5
123	Long-term treatment with finasteride induces apoptosis and pathological changes in female mice. Human and Experimental Toxicology, 2019, 38, 762-774.	1.1	5
124	Antioxidant Activity of Telmisartan-Cu(II) Nanoparticles Connected 2-Pyrimidinamine and Their Evaluation of Cytotoxicity Activities. BioMed Research International, 2020, 2020, 1-12.	0.9	5
125	Synthesis and Cytotoxic Activity of Novel Indole Derivatives and Their in silico Screening on Spike Glycoprotein of SARS-CoV-2. Frontiers in Molecular Biosciences, 2021, 8, 637989.	1.6	5
126	Effect of Honey in Improving Breast Cancer Treatment and Gene Expression Modulation of MMPs and TIMPs in Triple-Negative Breast Cancer Cells. Pakistan Journal of Zoology, 2018, 50, .	0.1	5

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127	Potato Peels Mediated Synthesis of Cu(II)-nanoparticles from Tyrosinase Reacted with bis-(N-aminoethylethanolamine) (Tyr-Cu(II)-AEEA NPs) and Their Cytotoxicity against Michigan Cancer Foundation-7 Breast Cancer Cell Line. <i>Molecules</i> , 2021, 26, 6665.	1.7	5
128	Mosquito larvicidal activity of pyrrolidine-2,4-dione derivatives: An investigation against <i>Culex quinquefasciatus</i> and molecular docking studies. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2389-2395.	1.8	5
129	Complexed and total PSA in patients with benign prostatic hyperplasia and prostate cancer. <i>British Journal of Biomedical Science</i> , 2010, 67, 184-188.	1.2	4
130	Monoclonal gammopathy in a tertiary referral hospital. <i>Clinical Biochemistry</i> , 2010, 43, 709-713.	0.8	4
131	Antimicrobial activity of novel 5-benzylidene-3-(3-phenylallylideneamino)imidazolidine-2,4-dione derivatives causing clinical pathogens: Synthesis and molecular docking studies. <i>Journal of Infection and Public Health</i> , 2020, 13, 1951-1960.	1.9	4
132	Crystal Growth and Kinetic Behaviour of Pseudoalteromonas espejana Assisted Biosynthesized Gold Nanoparticles. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	4
133	Induction of interleukin-11 mediated by RhoA GTPase during human cytomegalovirus lytic infection. <i>Cellular Signalling</i> , 2020, 70, 109599.	1.7	4
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