

# Saud A Alarifi

## List of Publications by Year in descending order

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173  
papers

3,591  
citations

117625  
34  
h-index

189892  
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. International Journal of Toxicology, 2013, 32, 296-307.	1.2	143
2	Iron Oxide Nanoparticles Induce Oxidative Stress, DNA Damage, and Caspase Activation in the Human Breast Cancer Cell Line. Biological Trace Element Research, 2014, 159, 416-424.	3.5	129
3	Oxidative stress and genotoxic effect of zinc oxide nanoparticles in freshwater snail <i>Lymnaea luteola</i> L.. Aquatic Toxicology, 2012, 124-125, 83-90.	4.0	107
4	Isolation and evaluation of anticancer efficacy of stigmasterol in a mouse model of DMBA-induced skin carcinoma. Drug Design, Development and Therapy, 2015, 9, 2793.	4.3	94
5	Evaluation of cytotoxic, oxidative stress, proinflammatory and genotoxic effect of silver nanoparticles in human lung epithelial cells. Environmental Toxicology, 2015, 30, 149-160.	4.0	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. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	4.0	87
7	&lt;p&gt;Effects of Green Silver Nanoparticles on Apoptosis and Oxidative Stress in Normal and Cancerous Human Hepatic Cells in vitro&lt;/p&gt;. International Journal of Nanomedicine, 2020, Volume 15, 1537-1548.	6.7	77
8	Royal jelly attenuates cadmium-induced nephrotoxicity in male mice. Scientific Reports, 2019, 9, 5825.	3.3	76
9	Cerium Oxide Nanoparticles Induce Oxidative Stress and Genotoxicity in Human Skin Melanoma Cells. Cell Biochemistry and Biophysics, 2015, 71, 1643-1651.	1.8	75
10	Oxidative stress contributes to cobalt oxide nanoparticles-induced cytotoxicity and DNA damage in human hepatocarcinoma cells. International Journal of Nanomedicine, 2013, 8, 189.	6.7	66
11	Reactive Oxygen Species-Mediated DNA Damage and Apoptosis in Human Skin Epidermal Cells After Exposure to Nickel Nanoparticles. Biological Trace Element Research, 2014, 157, 84-93.	3.5	65
12	Induction of oxidative stress, DNA damage, and apoptosis in a malignant human skin melanoma cell line after exposure to zinc oxide nanoparticles. International Journal of Nanomedicine, 2013, 8, 983.	6.7	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. Biomedicine and Pharmacotherapy, 2018, 106, 1490-1498.	5.6	60
14	Regulation of apoptosis through bcl-2/bax proteins expression and DNA damage by nano-sized gadolinium oxide. International Journal of Nanomedicine, 2017, Volume 12, 4541-4551.	6.7	59
15	Sensitivity of freshwater pulmonate snail <i>Lymnaea luteola</i> L., to silver nanoparticles. Chemosphere, 2014, 104, 134-140.	8.2	58
16	Tollâ€like receptor 3 polymorphism and its association with hepatitis B virus infection in Saudi Arabian patients. Journal of Medical Virology, 2012, 84, 1353-1359.	5.0	53
17	ROS-Mediated Apoptosis and Genotoxicity Induced by Palladium Nanoparticles in Human Skin Malignant Melanoma Cells. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-10.	4.0	53
18	The nephroprotective effects of allicin and ascorbic acid against cisplatin-induced toxicity in rats. Environmental Science and Pollution Research, 2019, 26, 13502-13509.	5.3	52

#	ARTICLE	IF	CITATIONS
19	Oxidative Stress-Induced DNA Damage by Manganese Dioxide Nanoparticles in Human Neuronal Cells. BioMed Research International, 2017, 2017, 1-10.	1.9	50
20	Piperine Enhances the Antioxidant and Anti-Inflammatory Activities of Thymoquinone against Microcystin-LR-Induced Hepatotoxicity and Neurotoxicity in Mice. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-10.	4.0	50
21	Histologic and apoptotic changes induced by titanium dioxide nanoparticles in the livers of rats. International Journal of Nanomedicine, 2013, 8, 3937.	6.7	49
22	Curcumin and quercetin synergistically attenuate subacute diazinon-induced inflammation and oxidative neurohepatic damage, and acetylcholinesterase inhibition in albino rats. Environmental Science and Pollution Research, 2019, 26, 3659-3665.	5.3	49
23	Arsenic trioxide-mediated oxidative stress and genotoxicity in human hepatocellular carcinoma cells. OncoTargets and Therapy, 2013, 6, 75.	2.0	46
24	Royal Jelly Abrogates Cadmium-Induced Oxidative Challenge in Mouse Testes: Involvement of the Nrf2 Pathway. International Journal of Molecular Sciences, 2018, 19, 3979.	4.1	43
25	The Role of RhoA, RhoB and RhoC GTPases in Cell Morphology, Proliferation and Migration in Human Cytomegalovirus (HCMV) Infected Glioblastoma Cells. Cellular Physiology and Biochemistry, 2016, 38, 94-109.	1.6	42
26	Isolation and characterization of butachlor-catabolizing bacterial strain Stenotrophomonas acidaminiphila JS-1 from soil and assessment of its biodegradation potential. Letters in Applied Microbiology, 2010, 51, no-no.	2.2	41
27	Blood chemical changes and renal histological alterations induced by gentamicin in rats. Saudi Journal of Biological Sciences, 2012, 19, 103-110.	3.8	41
28	Rapid activation of FAK/mTOR/p70S6K/PAK1-signaling controls the early testosterone-induced actin reorganization in colon cancer cells. Cellular Signalling, 2013, 25, 66-73.	3.6	41
29	In silico molecular docking: Evaluation of coumarin based derivatives against SARS-CoV-2. Journal of Infection and Public Health, 2020, 13, 1671-1677.	4.1	40
30	Differential Effects of Dehydroepiandrosterone and Testosterone in Prostate and Colon Cancer Cell Apoptosis: The Role of Nerve Growth Factor (NGF) Receptors. Endocrinology, 2013, 154, 2446-2456.	2.8	39
31	Membrane Androgen Receptor Down-Regulates c-Src-Activity and Beta-Catenin Transcription and Triggers GSK-3 $\beta$ -Phosphorylation in Colon Tumor Cells. Cellular Physiology and Biochemistry, 2014, 34, 1402-1412.	1.6	39
32	Nephroprotective Role of Selenium Nanoparticles Against Glycerol-Induced Acute Kidney Injury in Rats. Biological Trace Element Research, 2020, 194, 444-454.	3.5	39
33	ROS-dependent Bax/Bcl2 and caspase 3 pathway-mediated apoptosis induced by zineb in human keratinocyte cells. OncoTargets and Therapy, 2018, Volume 11, 489-497.	2.0	37
34	Royal jelly mitigates cadmium-induced neuronal damage in mouse cortex. Molecular Biology Reports, 2019, 46, 119-131.	2.3	37
35	Methotrexate-induced apoptosis in human ovarian adenocarcinoma SKOV-3 cells via ROS-mediated bax/bcl-2-cyt-c release cascading. OncoTargets and Therapy, 2019, Volume 12, 21-30.	2.0	35
36	Carnosic acid alleviates chlorpyrifos-induced oxidative stress and inflammation in mice cerebral and ocular tissues. Environmental Science and Pollution Research, 2020, 27, 11663-11670.	5.3	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.	6.7	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.	5.3	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.	7.5	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.	7.5	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.	1.2	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.	6.7	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.	5.3	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.	6.7	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.	3.8	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.	4.1	25
47	Chorein Sensitive Orai1 Expression and Store Operated Ca <sup>2+</sup> Entry in Rhabdomyosarcoma Cells. <i>Cellular Physiology and Biochemistry</i> , 2016, 40, 1141-1152.	1.6	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.	4.0	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.	4.2	23
50	Green Platinum Nanoparticles Interaction With HEK293 Cells: Cellular Toxicity, Apoptosis, and Genetic Damage. <i>Dose-Response</i> , 2018, 16, 155932581880738.	1.6	23
51	Apoptotic and DNA-damaging effects of yttria-stabilized zirconia nanoparticles on human skin epithelial cells. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7003-7016.	6.7	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.	2.2	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.	3.4	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.	4.2	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.	1.5	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.	5.0	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.	1.9	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.	5.3	20
59	In vivo DNA damaging and apoptotic potential of silver nanoparticles in Swiss albino mice. <i>OncoTargets and Therapy</i> , 2015, 8, 295.	2.0	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.	2.6	19
61	Fibroblast growth factor (Fgf) 23 gene transcription depends on actin cytoskeleton reorganization. <i>FEBS Letters</i> , 2016, 590, 705-715.	2.8	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.	4.0	19
63	Synthesis and physicochemical characteristics of Ag-doped hydroxyapatite nanoparticles, and their potential biomedical applications. <i>Environmental Research</i> , 2022, 210, 112979.	7.5	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.	4.0	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.	2.2	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.	1.6	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.	2.3	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.	3.5	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.	3.8	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.	5.3	18
71	Long-term exposure to incense smoke alters metabolism in Wistar albino rats. <i>Cell Biochemistry and Function</i> , 2011, 29, 96-101.	2.9	17
72	Delta Like-1 Gene Mutation: A Novel Cause of Congenital Vertebral Malformation. <i>Frontiers in Genetics</i> , 2019, 10, 534.	2.3	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. Dose-Response, 2020, 18, 155932582091215.	1.6	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. Human and Experimental Toxicology, 2021, 40, 1194-1207.	2.2	17
75	Chorein Sensitive Dopamine Release from Pheochromocytoma (PC12) Cells. NeuroSignals, 2015, 23, 1-10.	0.9	15
76	Functional characterization and anti-cancer action of the clinical phase II cardiac Na <sup>+</sup> /K <sup>+</sup> ATPase inhibitor istaroxime: <i>in vitro</i> and <i>in vivo</i> properties and cross talk with the membrane androgen receptor. Oncotarget, 2016, 7, 24415-24428.	1.8	15
77	Mechanistic investigation of toxicity of chromium oxide nanoparticles in murine fibrosarcoma cells. International Journal of Nanomedicine, 2016, 11, 1253.	6.7	15
78	Nephroprotective Role of <i>Beta vulgaris</i> L. Root Extract against Chlorpyrifos-Induced Renal Injury in Rats. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-9.	1.2	15
79	Isolation and evaluation of biological efficacy of quercetol in human hepatic carcinoma cells. Drug Design, Development and Therapy, 2016, 10, 155.	4.3	14
80	Antimicrobial Activity and Characterization of Pomegranate Peel-Based Carbon Dots. Journal of Nanomaterials, 2021, 2021, 1-6.	2.7	14
81	Ultrastructural changes of pneumocytes of rat exposed to Arabian incense (Bakhour). Journal of King Abdulaziz University, Islamic Economics, 2004, 25, 1689-93.	1.1	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. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-9.	4.0	13
83	Use of $\beta$ -galactosidase (lacZ) gene $\pm$ -complementation as a novel approach for assessment of titanium oxide nanoparticles induced mutagenesis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 747, 246-252.	1.7	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. Journal of King Saud University - Science, 2020, 32, 2880-2885.	3.5	12
85	Somatic embryogenesis and in vitro plant regeneration of <i>Bacopa monnieri</i> (Linn.) Wettst., a potential medicinal water hyssop plant. Saudi Journal of Biological Sciences, 2021, 28, 353-359.	3.8	12
86	Trigger action of copper aminophosphate (X-CuAP) nanoparticles for enhanced electrochemical, photocatalyst and biological properties. Optical Materials, 2021, 117, 111113.	3.6	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. Journal of Molecular Liquids, 2021, 342, 117492.	4.9	12
88	Genotoxicity in the freshwater gastropod <i>Lymnaea luteola</i> L: assessment of cell type sensitivities to lead nitrate. Chemistry and Ecology, 2017, 33, 171-179.	1.6	11
89	Reserpine inhibits DNA repair, cell proliferation, invasion and induces apoptosis in oral carcinogenesis via modulation of TGF- $\beta$ signaling. Life Sciences, 2021, 264, 118730.	4.3	11
90	Dieckol alleviates dextran sulfate sodium-induced colitis via inhibition of inflammatory pathway and activation of Nrf2/HO-1 signaling pathway. Environmental Toxicology, 2021, 36, 782-788.	4.0	11

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91	A Steroidal Na <sup>+</sup> /K <sup>+</sup> 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.	1.7	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.	3.5	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.	0.2	10
94	Cytotoxicity and Genotoxicity of Cypermethrin in Hepatocarcinoma Cells: A Dose- and Time-Dependent Study. <i>Dose-Response</i> , 2018, 16, 155932581876088.	1.6	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.	4.0	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.	3.5	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.	2.9	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.	6.7	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.	3.0	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.	3.5	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.	1.9	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.	1.2	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.	3.4	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.	3.5	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.	2.5	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.	3.5	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.	3.8	8
108	Preparation and Evaluation of Silymarin-Loaded Solid Eutectic for Enhanced Anti-Inflammatory, Hepatoprotective Effect: In Vitro–In Vivo Prospect. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	4.0	8



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109	In vitro apoptotic and DNA damaging potential of nanobarium oxide. International Journal of Nanomedicine, 2016, 11, 249.	6.7	7
110	Berberine mitigates oxidative damage associated with testicular impairment following mercury chloride intoxication. Journal of Food Biochemistry, 2020, 44, e13385.	2.9	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.	3.8	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.	4.0	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.	4.5	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.	1.6	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.	4.3	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.	4.0	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.	1.1	6
119	Regulatory elements in the 5' region of 16SrRNA gene of Bacillus sp. strain SJ-101. Bioinformation, 2009, 3, 375-380.	0.5	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.	3.3	6
121	New Chitosan Polymer Scaffold Schiff Bases as Potential Cytotoxic Activity: Synthesis, Molecular Docking, and Physicochemical Characterization. Frontiers in Chemistry, 2021, 9, 796599.	3.6	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.	1.2	5
123	Long-term treatment with finasteride induces apoptosis and pathological changes in female mice. Human and Experimental Toxicology, 2019, 38, 762-774.	2.2	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.	1.9	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.	3.5	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, .	0.2	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.	3.8	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.	3.8	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.	1.3	4
130	Monoclonal gammopathy in a tertiary referral hospital. <i>Clinical Biochemistry</i> , 2010, 43, 709-713.	1.9	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.	4.1	4
132	Crystal Growth and Kinetic Behaviour of <i>Pseudoalteromonas espejiana</i> Assisted Biosynthesized Gold Nanoparticles. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	4.0	4
133	Induction of interleukin-11 mediated by RhoA GTPase during human cytomegalovirus lytic infection. <i>Cellular Signalling</i> , 2020, 70, 109599.	3.6	4
134	<i>In vitro</i> and <i>in vivo</i> investigation of polypharmacology of propolis extract as anticancer, antibacterial, anti-inflammatory, and chemical properties. <i>Open Chemistry</i> , 2021, 19, 864-874.	1.9	4
135	<i>Ziziphus spina-christi</i> leaf extract attenuates mercuric chloride-induced liver injury in male rats via inhibition of oxidative damage. <i>Environmental Science and Pollution Research</i> , 2021, 28, 17482-17494.	5.3	4
136	Gene Expression and Transcriptome Profiling of Changes in a Cancer Cell Line Post-Exposure to Cadmium Telluride Quantum Dots: Possible Implications in Oncogenesis. <i>Dose-Response</i> , 2021, 19, 155932582110198.	1.6	4
137	Cytotoxic activity and toxicity study of HF8, a poly-herbal formulation. <i>Journal of King Saud University - Science</i> , 2021, 33, 101377.	3.5	4
138	Pyrroloquinoline quinone alleviates oxidative damage induced by high glucose in HepG2 cells. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6127-6132.	3.8	4
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