

Abdulaziz A Al-Khedhairy

List of Publications by Year in descending order

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193
papers

8,000
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47006

47
h-index

62596

80
g-index

197
all docs

197
docs citations

197
times ranked

11178
citing authors

#	ARTICLE	IF	CITATIONS
1	Strontium-Doped Nickel Oxide Nanoparticles: Synthesis, Characterization, and Cytotoxicity Study in Human Lung Cancer A549 Cells. <i>Biological Trace Element Research</i> , 2022, 200, 1598-1607.	3.5	6
2	Organophosphorus Flame Retardant TDCPP Displays Genotoxic and Carcinogenic Risks in Human Liver Cells. <i>Cells</i> , 2022, 11, 195.	4.1	11
3	Copper Oxide Nanoparticles Exhibit Cell Death Through Oxidative Stress Responses in Human Airway Epithelial Cells: a Mechanistic Study. <i>Biological Trace Element Research</i> , 2022, 200, 5042-5051.	3.5	12
4	Silver Nanoparticles: An Instantaneous Solution for Anticancer Activity against Human Liver (HepG2) and Breast (MCF-7) Cancer Cells. <i>Metals</i> , 2022, 12, 148.	2.3	28
5	Size-Dependent Cytotoxic and Molecular Study of the Use of Gold Nanoparticles against Liver Cancer Cells. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 901.	2.5	8
6	Cytotoxic and molecular assessment with copper and iron nanocomposite, act as a soft eradicator against cancer cells. <i>Journal of King Saud University - Science</i> , 2022, 34, 101908.	3.5	3
7	Cyto-Genotoxic and Transcriptomic Alterations in Human Liver Cells by Tris (2-Ethylhexyl) Phosphate (TEHP): A Putative Hepatocarcinogen. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3998.	4.1	3
8	Tris(2-butoxyethyl) phosphate (TBEP): A flame retardant in solid waste display hepatotoxic and carcinogenic risks for humans. <i>Chemosphere</i> , 2022, 296, 133977.	8.2	16
9	Clinical response of carboplatin-based chemotherapy and its association to genetic polymorphism in lung cancer patients from North India “A clinical pharmacogenomics study. <i>Journal of Cancer Research and Therapeutics</i> , 2022, 18, 109-118.	0.9	2
10	Neodymium oxide nanostructures and their cytotoxic evaluation in human cancer cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 73, 127029.	3.0	3
11	Neuroprotective Effects of <i>Withania somnifera</i> on 4-Hydroxynonenal Induced Cell Death in Human Neuroblastoma SH-SY5Y Cells Through ROS Inhibition and Apoptotic Mitochondrial Pathway. <i>Neurochemical Research</i> , 2021, 46, 171-182.	3.3	2
12	Protective effects of <i>Nigella sativa</i> extract against H_2O_2 -induced cell death through the inhibition of DNA damage and cell cycle arrest in human umbilical vein endothelial cells (HUVECs). <i>Journal of Applied Toxicology</i> , 2021, 41, 820-831.	2.8	5
13	Oxidative Stress Mediated Cytotoxicity, Cell Cycle Arrest, and Apoptosis Induced by <i>Rosa damascena</i> in Human Cervical Cancer HeLa Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-11.	4.0	13
14	Carbofuran cytotoxicity, DNA damage, oxidative stress, and cell death in human umbilical vein endothelial cells: Evidence of vascular toxicity. <i>Journal of Applied Toxicology</i> , 2021, 41, 847-860.	2.8	10
15	Cytotoxic and molecular assessment against breast (MCF-7) cancer cells with cobalt oxide nanoballs. <i>Journal of King Saud University - Science</i> , 2021, 33, 101467.	3.5	2
16	Cytotoxic assessment of liver cancer cells (HepG2) with raw, functionalized multiwalled carbon nanotubes and their comparison with nanohydroxyapatite. <i>Journal of King Saud University - Science</i> , 2021, 33, 101444.	3.5	6
17	Cytotoxicity and genotoxicity of methomyl, carbaryl, metalaxyl, and pendimethalin in human umbilical vein endothelial cells. <i>Journal of Applied Toxicology</i> , 2021, 41, 832-846.	2.8	20
18	Peanut-shaped ZnO nanostructures: A driving force for enriched antibacterial activity and their statistical analysis. <i>Ceramics International</i> , 2020, 46, 307-316.	4.8	11

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19	Quantization of SnO ₂ dots: Apoptosis and intrinsic effect of quantum dots for myoblast cancer cells with caspase 3/7 genes. <i>Ceramics International</i> , 2020, 46, 6383-6395.	4.8	3
20	High-throughput transcriptomics: An insight on the pathways affected in HepG2 cells exposed to nickel oxide nanoparticles. <i>Chemosphere</i> , 2020, 244, 125488.	8.2	17
21	Rapid sensing response for phenol with CuO nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 607, 125424.	4.7	12
22	Synthesis, optical properties and toxic potentiality of photoluminescent lanthanum oxide nanospheres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 607, 125511.	4.7	12
23	Tris(2-chloroethyl) Phosphate (TCEP) Elicits Hepatotoxicity by Activating Human Cancer Pathway Genes in HepG2 Cells. <i>Toxics</i> , 2020, 8, 109.	3.7	14
24	Single and Multi-metal Oxide Nanoparticles Induced Cytotoxicity and ROS Generation in Human Breast Cancer (MCF-7) Cells. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 4106-4116.	3.7	11
25	Petroselinum sativum protects HepG2 cells from cytotoxicity and oxidative stress induced by hydrogen peroxide. <i>Molecular Biology Reports</i> , 2020, 47, 2771-2780.	2.3	10
26	Cold Atmospheric Plasma and Gold Quantum Dots Exert Dual Cytotoxicity Mediated by the Cell Receptor-Activated Apoptotic Pathway in Glioblastoma Cells. <i>Cancers</i> , 2020, 12, 457.	3.7	26
27	Cytotoxicity and cell death induced by engineered nanostructures (quantum dots and nanoparticles) in human cell lines. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 325-338.	2.6	24
28	Anticancer efficacies of persicogenin and homoeriodictyol isolated from <i>Rhus retinorrhoea</i> . <i>Process Biochemistry</i> , 2020, 95, 186-196.	3.7	11
29	Bio-functionalized CuO nanoparticles induced apoptotic activities in human breast carcinoma cells and toxicity against <i>Aspergillus flavus</i> : An in vitro approach. <i>Process Biochemistry</i> , 2020, 91, 387-397.	3.7	56
30	Role of Solvent System in Green Synthesis of Nanoparticles. , 2020, , 53-74.		2
31	Anti-cancer efficacy of Aloe vera capped hematite nanoparticles in human breast cancer (MCF-7) cells. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 102052.	3.0	8
32	Surface Engineering Techniques Associated with Stability, Biocompatibility, and Toxicity of Nanoparticles. , 2020, , 75-101.		0
33	Organophosphorus flame retardant (tricresyl phosphate) trigger apoptosis in HepG2 cells: Transcriptomic evidence on activation of human cancer pathways. <i>Chemosphere</i> , 2019, 237, 124519.	8.2	27
34	Toxicity response of highly colloidal, bioactive, monodisperse SiO ₂ @ Pr(OH) ₃ hollow microspheres. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110390.	5.0	8
35	Myristica fragrans bio-active ester functionalized ZnO nanoparticles exhibit antibacterial and antibiofilm activities in clinical isolates. <i>Journal of Microbiological Methods</i> , 2019, 166, 105716.	1.6	37
36	Multiple evaluation of the potential toxic effects of sediments and biota collected from an oil-polluted area around Abu Ali Island, Saudi Arabia, Arabian Gulf. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109547.	6.0	9

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37	Cold atmospheric plasma and silymarin nanoemulsion synergistically inhibits human melanoma tumorigenesis via targeting HGF/c-MET downstream pathway. <i>Cell Communication and Signaling</i> , 2019, 17, 52.	6.5	58
38	Occurrence and bioaccumulation of persistent toxic substances in sediments and biota from intertidal zone of Abu Ali Island, Arabian Gulf. <i>Marine Pollution Bulletin</i> , 2019, 144, 243-252.	5.0	11
39	Comparative in situ ROS mediated killing of bacteria with bulk analogue, Eucalyptus leaf extract (ELE)-capped and bare surface copper oxide nanoparticles. <i>Materials Science and Engineering C</i> , 2019, 100, 747-758.	7.3	77
40	Gold quantum dots impair the tumorigenic potential of glioma stem-like cells via β -catenin downregulation in vitro. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 1131-1148.	6.7	16
41	Corn Silk (<i>Zea mays L.</i>) Induced Apoptosis in Human Breast Cancer (MCF-7) Cells via the ROS-Mediated Mitochondrial Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-9.	4.0	28
42	Cytotoxicity and mitochondrial-mediated apoptosis induced by Fenugreek seed oil in human hepatocellular carcinoma cells via reactive oxygen species generation. <i>Pharmacognosy Magazine</i> , 2019, 15, 12.	0.6	2
43	Bacterial isolates exhibiting multidrug resistance, hemolytic activity, and high 16S rRNA gene similarity with well-known pathogens found in camel milk samples of Riyadh region. <i>Apmis</i> , 2018, 126, 215-226.	2.0	3
44	Nickel Oxide Nanoparticles Induced Transcriptomic Alterations in HEPG2 Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1048, 163-174.	1.6	22
45	Cytotoxic, genetic and statistical analytical evaluation of functionalized CNTs with C2C12 cells. <i>Vacuum</i> , 2018, 152, 348-357.	3.5	2
46	Copper doping enhanced the oxidative stress-mediated cytotoxicity of TiO_2 nanoparticles in A549 cells. <i>Human and Experimental Toxicology</i> , 2018, 37, 496-507.	2.2	21
47	The influence of soil properties and geographical distance on the bacterial community compositions of paddy soils enriched on SMFC anodes. <i>Journal of Soils and Sediments</i> , 2018, 18, 517-525.	3.0	14
48	Functional genomics assessment of narcotic and specific acting chemical pollutants using <i>E. coli</i> . <i>Environmental Pollution</i> , 2018, 232, 146-153.	7.5	7
49	Pendimethalin induces oxidative stress, DNA damage, and mitochondrial dysfunction to trigger apoptosis in human lymphocytes and rat bone-marrow cells. <i>Histochemistry and Cell Biology</i> , 2018, 149, 127-141.	1.7	25
50	Titanium dioxide nanoparticles preferentially bind in subdomains IB, IIA of HSA and minor groove of DNA. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 2530-2542.	3.5	20
51	An improved method of DNA preparation for PCR-based detection of <i>Brucella</i> in raw camel milk samples from Riyadh region and its comparison with immunological methods. <i>Journal of Food Safety</i> , 2018, 38, e12381.	2.3	5
52	Anticancer Potential of Green Synthesized Silver Nanoparticles Using Extract of <i>Nepeta deflersiana</i> against Human Cervical Cancer Cells (HeLa). <i>Bioinorganic Chemistry and Applications</i> , 2018, 2018, 1-12.	4.1	178
53	Phytotoxic Assessment of Nickel Oxide (NiO) Nanoparticles in Radish. , 2018, , 269-284.		1
54	Hematite iron oxide nanoparticles: apoptosis of myoblast cancer cells and their arithmetical assessment. <i>RSC Advances</i> , 2018, 8, 24750-24759.	3.6	52

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55	General and facile purification of dye-labeled oligonucleotides by pH-controlled extraction. BioTechniques, 2018, 64, 21-23.	1.8	0
56	Green Synthesis of Zinc Oxide Nanoparticles Using <i>Alstonia Macrophylla</i> Leaf Extract and Their In-Vitro Anticancer Activity. Science of Advanced Materials, 2018, 10, 349-355.	0.7	22
57	Effects of Follicular Fluid on Developmental Competence and Gene Expression of in vitro Fertilized Sheep Embryos. Pakistan Journal of Zoology, 2018, 50, .	0.2	2
58	Functionalization of anti-Brucella antibody on ZnO-NPs and their deposition on aluminum sheet towards developing a sensor for the detection of Brucella. Vacuum, 2017, 146, 592-598.	3.5	11
59	MWCNTs functionalization and immobilization with anti-Brucella antibody; towards the development of a nanosensor. Vacuum, 2017, 146, 623-632.	3.5	9
60	Mitochondrial and Chromosomal Damage Induced by Oxidative Stress in Zn ²⁺ Ions, ZnO-Bulk and ZnO-NPs treated Allium cepa roots. Scientific Reports, 2017, 7, 40685.	3.3	106
61	Photocatalytic TMO-NMs adsorbent: Temperature-Time dependent Safranin degradation, sorption study validated under optimized effective equilibrium models parameter with standardized statistical analysis. Scientific Reports, 2017, 7, 42509.	3.3	26
62	Long-term changes in distributions of dioxin-like and estrogenic compounds in sediments of Lake Sihwa, Korea: Revisited mass balance. Chemosphere, 2017, 181, 767-777.	8.2	29
63	Evaluation of cytotoxic responses of raw and functionalized multi-walled carbon nanotubes in human breast cancer (MCF-7) cells. Vacuum, 2017, 146, 578-585.	3.5	11
64	Nigella sativa seed oil suppresses cell proliferation and induces ROS dependent mitochondrial apoptosis through p53 pathway in hepatocellular carcinoma cells. South African Journal of Botany, 2017, 112, 70-78.	2.5	19
65	Efficient and reproducible in vitro regeneration of Solanum lycopersicum and assessment genetic uniformity using flow cytometry and SPAR methods. Saudi Journal of Biological Sciences, 2017, 24, 1430-1436.	3.8	17
66	Synthesis and characterization of some abundant nanoparticles, their antimicrobial and enzyme inhibition activity. Acta Microbiologica Et Immunologica Hungarica, 2017, 64, 203-216.	0.8	13
67	Metals and Metal Oxides: Important Nanomaterials With Antimicrobial Activity. , 2017, , 195-222.		7
68	p53, MAPKAPK-2 and caspases regulate nickel oxide nanoparticles induce cell death and cytogenetic anomalies in rats. International Journal of Biological Macromolecules, 2017, 105, 228-237.	7.5	26
69	Photocatalytic activity and statistical determination of ball-shaped zinc oxide NPs with methylene blue dye. Inorganic and Nano-Metal Chemistry, 2017, 47, 536-542.	1.6	7
70	T-2 mycotoxin: toxicological effects and decontamination strategies. Oncotarget, 2017, 8, 33933-33952.	1.8	136
71	Treatment of oral hyperpigmentation and gummy smile using lasers and role of plasma as a novel treatment technique in dentistry: An introductory review. Oncotarget, 2017, 8, 20496-20509.	1.8	22
72	Statistical Analytical Determination of Miniature Zinc Oxide Nanoclusters for Photodegradation of Methylene Red Dye. Nanoscience and Nanotechnology Letters, 2017, 9, 1-7.	0.4	6

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73	Zinc Oxide Nanoparticles: Mechanism(s) of Cell Death Induced in Human Epidermoid Larynx Cell Line (HEp-2). <i>Nanoscience and Nanotechnology Letters</i> , 2017, 9, 573-582.	0.4	6
74	In Vitro Cytotoxicity of Mesoporous SiO ₂ @Eu(OH) ₃ Core-Shell Nanospheres in MCF-7. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-6.	2.7	15
75	<i>Portulaca oleracea</i> Linn seed extract ameliorates hydrogen peroxide-induced cell death in human liver cells by inhibiting reactive oxygen species generation and oxidative stress. <i>Tropical Journal of Pharmaceutical Research</i> , 2016, 15, 1643.	0.3	5
76	Antibacterial studies and statistical design set data of quasi zinc oxide nanostructures. <i>RSC Advances</i> , 2016, 6, 32328-32339.	3.6	50
77	Genotoxicity of ferric oxide nanoparticles in <i>Raphanus sativus</i> : Deciphering the role of signaling factors, oxidative stress and cell death. <i>Journal of Environmental Sciences</i> , 2016, 47, 49-62.	6.1	28
78	Countering drug resistance, infectious diseases, and sepsis using metal and metal oxides nanoparticles: Current status. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 70-83.	5.0	177
79	Self-Styled ZnO Nanostructures Promotes the Cancer Cell Damage and Supresses the Epithelial Phenotype of Glioblastoma. <i>Scientific Reports</i> , 2016, 6, 19950.	3.3	66
80	In-Vitro dual inhibition of protein glycation, and oxidation by some Arabian plants. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 276.	3.7	15
81	<i>Verbesina encelioides</i> : cytotoxicity, cell cycle arrest, and oxidative DNA damage in human liver cancer (HepG2) cell line. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 126.	3.7	9
82	Cobalt oxide nanoparticles aggravate DNA damage and cell death in eggplant via mitochondrial swelling and NO signaling pathway. <i>Biological Research</i> , 2016, 49, 20.	3.4	53
83	Multiplex bioimaging of piRNA molecular pathway-regulated theragnostic effects in a single breast cancer cell using a piRNA molecular beacon. <i>Biomaterials</i> , 2016, 101, 143-155.	11.4	36
84	Differential cytotoxicity of copper ferrite nanoparticles in different human cells. <i>Journal of Applied Toxicology</i> , 2016, 36, 1284-1293.	2.8	47
85	Hazards of low dose flame-retardants (BDE-47 and BDE-32): Influence on transcriptome regulation and cell death in human liver cells. <i>Journal of Hazardous Materials</i> , 2016, 308, 37-49.	12.4	32
86	Aloe vera extract functionalized zinc oxide nanoparticles as nanoantibiotics against multi-drug resistant clinical bacterial isolates. <i>Journal of Colloid and Interface Science</i> , 2016, 472, 145-156.	9.4	326
87	Understanding the Role of Nanomaterials in Agriculture. , 2016, , 271-288.		56
88	Zinc oxide quantum dots: multifunctional candidates for arresting C2C12 cancer cells and their role towards caspase 3 and 7 genes. <i>RSC Advances</i> , 2016, 6, 26111-26120.	3.6	43
89	Zinc oxide and titanium dioxide nanoparticles induce oxidative stress, inhibit growth, and attenuate biofilm formation activity of <i>Streptococcus mitis</i> . <i>Journal of Biological Inorganic Chemistry</i> , 2016, 21, 295-303.	2.6	39
90	Preliminary study of spectral features of normal and malignant cell cultures. <i>Laser Physics</i> , 2016, 26, 045601.	1.2	3

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91	Dexrazoxane mitigates epirubicin-induced genotoxicity in mice bone marrow cells. <i>Mutagenesis</i> , 2016, 31, 137-145.	2.6	6
92	Protective effect of <i>Lepidium sativum</i> seed extract against hydrogen peroxide-induced cytotoxicity and oxidative stress in human liver cells (HepG2). <i>Pharmaceutical Biology</i> , 2016, 54, 314-321.	2.9	40
93	Effect of Praseodymium on the Characteristics of Nano-ZnO Towards Organophosphate as a Nano-Electrochemical Device. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2016, 11, 6-11.	0.5	3
94	Comparative cytotoxicity of dolomite nanoparticles in human larynx HEp2 and liver HepG2 cells. <i>Journal of Applied Toxicology</i> , 2015, 35, 640-650.	2.8	8
95	Quantum Dot-Based Molecular Beacon to Monitor Intracellular MicroRNAs. <i>Sensors</i> , 2015, 15, 12872-12883.	3.8	28
96	Microwave Accelerated Green Synthesis of Stable Silver Nanoparticles with Eucalyptus globulus Leaf Extract and Their Antibacterial and Antibiofilm Activity on Clinical Isolates. <i>PLoS ONE</i> , 2015, 10, e0131178.	2.5	174
97	Comparison on the molecular response profiles between nano zinc oxide (ZnO) particles and free zinc ion using a genome-wide toxicogenomics approach. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17434-17442.	5.3	26
98	Rhamnolipids functionalized AgNPs-induced oxidative stress and modulation of toxicity pathway genes in cultured MCF-7 cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 132, 290-298.	5.0	33
99	Utilization of photocatalytic ZnO nanoparticles for deactivation of safranin dye and their applications for statistical analysis. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2015, 69, 101-108.	2.7	20
100	Hepatoprotective potential of <i>Lavandula coronopifolia</i> extracts against ethanol induced oxidative stress-mediated cytotoxicity in HepG2 cells. <i>Toxicology and Industrial Health</i> , 2015, 31, 727-737.	1.4	27
101	Bioimaging of the microRNA-294 expression-dependent color change in cells by a dual fluorophore-based molecular beacon. <i>Chemical Communications</i> , 2015, 51, 2159-2161.	4.1	12
102	Sperm DNA-mediated reduction of nonspecific fluorescence during cellular imaging with quantum dots. <i>Chemical Communications</i> , 2015, 51, 11584-11586.	4.1	1
103	ZnO and TiO ₂ nanoparticles as novel antimicrobial agents for oral hygiene: a review. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	70
104	Simultaneous Imaging of Two Different Cancer Biomarkers Using Aptamer-Conjugated Quantum Dots. <i>Sensors</i> , 2015, 15, 8595-8604.	3.8	30
105	Novel All Trans-Retinoic Acid Derivatives: Cytotoxicity, Inhibition of Cell Cycle Progression and Induction of Apoptosis in Human Cancer Cell Lines. <i>Molecules</i> , 2015, 20, 8181-8197.	3.8	19
106	Bioimaging of transcriptional activity of microRNA124a during neurogenesis. <i>Biotechnology Letters</i> , 2015, 37, 2333-2340.	2.2	7
107	Multimodal imaging probe for targeting cancer cells using uMUC-1 aptamer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 134-140.	5.0	20
108	Bioimaging of microRNA124a-independent neuronal differentiation of human G2 neural stem cells. <i>FEBS Open Bio</i> , 2015, 5, 647-655.	2.3	3

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109	Molybdenum nanoparticles-induced cytotoxicity, oxidative stress, G2/M arrest, and DNA damage in mouse skin fibroblast cells (L929). <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 125, 73-81.	5.0	55
110	Concentrationâ€dependent induction of reactive oxygen species, cell cycle arrest and apoptosis in human liver cells after nickel nanoparticles exposure. <i>Environmental Toxicology</i> , 2015, 30, 137-148.	4.0	71
111	Zinc oxide quantum dots: a potential candidate to detain liver cancer cells. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 155-163.	3.4	19
112	Anticancer activity of chloroform extract and sub-fractions of nepeta deflersiana on human breast and lung cancer cells: an in vitro cytotoxicity assessment. <i>Pharmacognosy Magazine</i> , 2015, 11, 598.	0.6	20
113	CoO Thin Nanosheets Exhibit Higher Antimicrobial Activity Against Tested Gram-positive Bacteria Than Gram-negative Bacteria. <i>Korean Chemical Engineering Research</i> , 2015, 53, 565-569.	0.2	8
114	Reactive Oxygen Species Mediated Bacterial Biofilm Inhibition via Zinc Oxide Nanoparticles and Their Statistical Determination. <i>PLoS ONE</i> , 2014, 9, e111289.	2.5	269
115	Antibacterial properties of silver nanoparticles synthesized using <i>Pulicaria glutinosa</i> plant extract as a green bioreductant. <i>International Journal of Nanomedicine</i> , 2014, 9, 3551.	6.7	55
116	Diversity of bacteria and polyketide synthase associated with marine sponge <i>Haliclona</i> sp.. <i>Annals of Microbiology</i> , 2014, 64, 199-207.	2.6	14
117	ZnO nanoparticles induced oxidative stress and apoptosis in HepG2 and MCF-7 cancer cells and their antibacterial activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 267-276.	5.0	254
118	Optical Analysis of Zinc Oxide Quantum Dots with Bovine Serum Albumin and Bovine Hemoglobin. <i>Journal of Pharmaceutical Innovation</i> , 2014, 9, 48-52.	2.4	10
119	Antiâ€biofilm and antibacterial activities of zinc oxide nanoparticles against the oral opportunistic pathogens <i>Streptococcus dentocariosa</i> and <i>Streptococcus mucilaginosa</i> . <i>European Journal of Oral Sciences</i> , 2014, 122, 397-403.	1.5	56
120	Statistical analysis of gold nanoparticle-induced oxidative stress and apoptosis in myoblast (C2C12) cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 664-672.	5.0	65
121	Synthesis, characterization and toxicological evaluation of iron oxide nanoparticles in human lung alveolar epithelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 209-215.	5.0	60
122	Cytotoxicity Assessments of <i>Portulaca oleracea</i> and <i>Petroselinum sativum</i> Seed Extracts on Human Hepatocellular Carcinoma Cells (HepG2). <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 6633-6638.	1.2	39
123	Cytotoxicity of <i>Nigella Sativa</i> Seed Oil and Extract Against Human Lung Cancer Cell Line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 983-987.	1.2	55
124	Microwave assisted hydrothermal synthesis of mesoporous SnO2 nanoparticles for ethanol sensing and degradation. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 2082-2090.	2.2	23
125	Effective inhibition of bacterial respiration and growth by CuO microspheres composed of thin nanosheets. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 211-217.	5.0	48
126	Rotenone-induced oxidative stress and apoptosis in human liver HepG2 cells. <i>Molecular and Cellular Biochemistry</i> , 2013, 384, 59-69.	3.1	65

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127	Synthesis of thermally stable monodispersed Au@SnO ₂ core-shell structure nanoparticles by a sonochemical technique for detection and degradation of acetaldehyde. <i>Analytical Methods</i> , 2013, 5, 1456.	2.7	39
128	Zinc ferrite nanoparticles activate IL-1b, NFKB1, CCL21 and NOS2 signaling to induce mitochondrial dependent intrinsic apoptotic pathway in WISH cells. <i>Toxicology and Applied Pharmacology</i> , 2013, 273, 289-297.	2.8	47
129	Comparative effectiveness of NiCl ₂ , Ni- and NiO-NPs in controlling oral bacterial growth and biofilm formation on oral surfaces. <i>Archives of Oral Biology</i> , 2013, 58, 1804-1811.	1.8	38
130	Ribosylation of bovine serum albumin induces ROS accumulation and cell death in cancer line (MCF-7). <i>European Biophysics Journal</i> , 2013, 42, 811-818.	2.2	24
131	Phytotoxic hazards of NiO-nanoparticles in tomato: A study on mechanism of cell death. <i>Journal of Hazardous Materials</i> , 2013, 250-251, 318-332.	12.4	259
132	Biocidal effect of copper and zinc oxide nanoparticles on human oral microbiome and biofilm formation. <i>Materials Letters</i> , 2013, 97, 67-70.	2.6	59
133	Photocatalytic oxidation of acetaldehyde with ZnO-quantum dots. <i>Chemical Engineering Journal</i> , 2013, 226, 154-160.	12.7	50
134	ZnO Nanoparticles Induce Oxidative Stress in Cloudman S91 Melanoma Cancer Cells. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 441-449.	1.1	86
135	ZnO Nanoparticles Induces Cell Death in Malignant Human T98G Gliomas, KB and Non-Malignant HEK Cells. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1181-1189.	1.1	85
136	Hydrogen Adsorption Properties of Nano- and Microstructures of ZnO. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-6.	2.7	13
137	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.	6.7	66
138	Copper Oxide Nanoparticles Induced Mitochondria Mediated Apoptosis in Human Hepatocarcinoma Cells. <i>PLoS ONE</i> , 2013, 8, e69534.	2.5	285
139	Histologic and apoptotic changes induced by titanium dioxide nanoparticles in the livers of rats. <i>International Journal of Nanomedicine</i> , 2013, 8, 3937.	6.7	49
140	Biomimetic Synthesis of Selenium Nanospheres by Bacterial Strain JS-11 and Its Role as a Biosensor for Nanotoxicity Assessment: A Novel Se-Bioassay. <i>PLoS ONE</i> , 2013, 8, e57404.	2.5	88
141	Anticancer Activity of Petroselinum sativum Seed Extracts on MCF-7 Human Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 5719-5723.	1.2	39
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