

# Maqsood Ahmed Siddiqui

## List of Publications by Year in descending order

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110  
papers

4,801  
citations

125106

35  
h-index

116156

66  
g-index

111  
all docs

111  
docs citations

111  
times ranked

7854  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genotoxic potential of copper oxide nanoparticles in human lung epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 396, 578-583.	1.0	321
2	Copper Oxide Nanoparticles Induced Mitochondria Mediated Apoptosis in Human Hepatocarcinoma Cells. <i>PLoS ONE</i> , 2013, 8, e69534.	1.1	285
3	Oxidative stress mediated apoptosis induced by nickel ferrite nanoparticles in cultured A549 cells. <i>Toxicology</i> , 2011, 283, 101-108.	2.0	279
4	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.	2.5	254
5	Titanium dioxide nanoparticles induced cytotoxicity, oxidative stress and DNA damage in human amnion epithelial (WISH) cells. <i>Toxicology in Vitro</i> , 2012, 26, 351-361.	1.1	220
6	Apoptosis induction by silica nanoparticles mediated through reactive oxygen species in human liver cell line HepG2. <i>Toxicology and Applied Pharmacology</i> , 2012, 259, 160-168.	1.3	183
7	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.	1.8	178
8	Copper(II) complexes as potential anticancer and Nonsteroidal anti-inflammatory agents: In vitro and in vivo studies. <i>Scientific Reports</i> , 2019, 9, 5237.	1.6	171
9	Nickel oxide nanoparticles induce cytotoxicity, oxidative stress and apoptosis in cultured human cells that is abrogated by the dietary antioxidant curcumin. <i>Food and Chemical Toxicology</i> , 2012, 50, 641-647.	1.8	140
10	Influence of cytotoxic doses of 4-hydroxynonenal on selected neurotransmitter receptors in PC-12 cells. <i>Toxicology in Vitro</i> , 2008, 22, 1681-1688.	1.1	125
11	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
12	Protective potential of trans-resveratrol against 4-hydroxynonenal induced damage in PC12 cells. <i>Toxicology in Vitro</i> , 2010, 24, 1592-1598.	1.1	104
13	Oral exposure to acrolein exacerbates atherosclerosis in apoE-null mice. <i>Atherosclerosis</i> , 2011, 215, 301-308.	0.4	98
14	Mechanistic insights into a novel chromone-appended Cu(II) anticancer drug entity: in vitro binding profile with DNA/RNA substrates and cytotoxic activity against MCF-7 and HepG2 cancer cells. <i>Dalton Transactions</i> , 2015, 44, 10330-10342.	1.6	87
15	Non-hydrolytic synthesis and photo-catalytic studies of ZnO nanoparticles. <i>Chemical Engineering Journal</i> , 2011, 175, 450-457.	6.6	77
16	Exposure to acrolein by inhalation causes platelet activation. <i>Toxicology and Applied Pharmacology</i> , 2010, 248, 100-110.	1.3	74
17	Concentration-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.	2.1	71
18	Caspase Cascade Regulated Mitochondria Mediated Apoptosis in Monocrotophos Exposed PC12 Cells. <i>Chemical Research in Toxicology</i> , 2010, 23, 1663-1672.	1.7	67

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19	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
20	Rotenone-induced oxidative stress and apoptosis in human liver HepG2 cells. <i>Molecular and Cellular Biochemistry</i> , 2013, 384, 59-69.	1.4	65
21	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.	2.5	60
22	Phorate-induced oxidative stress, DNA damage and transcriptional activation of p53 and caspase genes in male Wistar rats. <i>Toxicology and Applied Pharmacology</i> , 2012, 259, 54-65.	1.3	59
23	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.	1.8	56
24	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.	2.5	55
25	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.	0.5	55
26	<i>trans</i> -Resveratrol Protects Ischemic PC12 Cells by Inhibiting the Hypoxia Associated Transcription Factors and Increasing the Levels of Antioxidant Defense Enzymes. <i>ACS Chemical Neuroscience</i> , 2013, 4, 285-294.	1.7	54
27	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.	1.3	47
28	Differential cytotoxicity of copper ferrite nanoparticles in different human cells. <i>Journal of Applied Toxicology</i> , 2016, 36, 1284-1293.	1.4	47
29	Arsenic trioxide-mediated oxidative stress and genotoxicity in human hepatocellular carcinoma cells. <i>OncoTargets and Therapy</i> , 2013, 6, 75.	1.0	46
30	In Vitro Cytotoxic Activity of Seed Oil of Fenugreek Against Various Cancer Cell Lines. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 1829-1832.	0.5	46
31	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.	1.7	43
32	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.	1.3	40
33	Toxicogenomic Mechanisms of 6-HO-BDE-47, 6-MeO-BDE-47, and BDE-47 in <i>E. coli</i> . <i>Environmental Science &amp; Technology</i> , 2012, 46, 1185-1191.	4.6	39
34	Anticancer Activity of <i>Petroselinum sativum</i> Seed Extracts on MCF-7 Human Breast Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 5719-5723.	0.5	39
35	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.	0.5	39
36	Cytotoxic and necrotic responses in human amniotic epithelial (WISH) cells exposed to organophosphate insecticide phorate. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 744, 125-134.	0.9	35

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37	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.	2.5	33
38	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.	6.5	32
39	Preferential binding of insecticide phorate with sub-domain IIA of human serum albumin induces protein damage and its toxicological significance. <i>Food and Chemical Toxicology</i> , 2011, 49, 1787-1795.	1.8	30
40	Portulaca oleracea Seed Oil Exerts Cytotoxic Effects on Human Liver Cancer (HepG2) and Human Lung Cancer (A-549) Cell Lines. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 3383-3387.	0.5	30
41	Expression and Inducibility of Cytochrome P450s (CYP1A1, 2B6, 2E1, 3A4) in Human Cord Blood CD34+ Stem Cell-Derived Differentiating Neuronal Cells. <i>Toxicological Sciences</i> , 2012, 129, 392-410.	1.4	29
42	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.	3.2	28
43	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.	1.9	28
44	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.	0.6	27
45	Organophosphorus flame retardant (tricresyl phosphate) trigger apoptosis in HepG2 cells: Transcriptomic evidence on activation of human cancer pathways. <i>Chemosphere</i> , 2019, 237, 124519.	4.2	27
46	Differential protection of pre-, co- and post-treatment of curcumin against hydrogen peroxide in PC12 cells. <i>Human and Experimental Toxicology</i> , 2011, 30, 192-198.	1.1	26
47	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.	1.2	24
48	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.	1.1	24
49	A facile one-pot synthesis of novel 2,5-disubstituted-1,3,4-oxadiazoles under conventional and microwave conditions and evaluation of their in vitro antimicrobial activities. <i>Arabian Journal of Chemistry</i> , 2017, 10, S2853-S2861.	2.3	23
50	Nickel Oxide Nanoparticles Induced Transcriptomic Alterations in HEPG2 Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1048, 163-174.	0.8	22
51	Green Synthesis of Zinc Oxide Nanoparticles Using <i>Alstonia Macrophylla</i> Leaf Extract and Their In-Vitro Anticancer Activity. <i>Science of Advanced Materials</i> , 2018, 10, 349-355.	0.1	22
52	Oxygen Glucose Deprivation Model of Cerebral Stroke in PC-12 Cells: Glucose as a Limiting Factor. <i>Toxicology Mechanisms and Methods</i> , 2009, 19, 154-160.	1.3	21
53	Copper doping enhanced the oxidative stress-mediated cytotoxicity of TiO <sub>2</sub> nanoparticles in A549 cells. <i>Human and Experimental Toxicology</i> , 2018, 37, 496-507.	1.1	21
54	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.	1.3	20

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55	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.	1.4	20
56	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.	0.3	20
57	Galactose-grafted chylomicron-mimicking emulsion: evaluation of specificity against HepG-2 and MCF-7 cell lines. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 303-310.	1.2	19
58	Protective effects of l-pGlu-(2-propyl)-l-His-l-ProNH <sub>2</sub> , a newer thyrotropin releasing hormone analog in in vitro and in vivo models of cerebral ischemia. <i>Peptides</i> , 2011, 32, 1225-1231.	1.2	19
59	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.	1.7	19
60	Zinc oxide quantum dots: a potential candidate to detain liver cancer cells. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 155-163.	1.7	19
61	<i>Nigella sativa</i> seed oil suppresses cell proliferation and induces ROS dependent mitochondrial apoptosis through p53 pathway in hepatocellular carcinoma cells. <i>South African Journal of Botany</i> , 2017, 112, 70-78.	1.2	19
62	Hepatoprotective Effect of Steroidal Glycosides From <i>Dioscorea villosa</i> on Hydrogen Peroxide-Induced Hepatotoxicity in HepG2 Cells. <i>Frontiers in Pharmacology</i> , 2018, 9, 797.	1.6	19
63	Short-term exposure of 4-hydroxynonenal induces mitochondria-mediated apoptosis in PC12 cells. <i>Human and Experimental Toxicology</i> , 2012, 31, 336-345.	1.1	18
64	4-Hydroxy-trans-2-nonenal (4-HNE) induces neuronal SH-SY5Y cell death via hampering ATP binding at kinase domain of Akt1. <i>Archives of Toxicology</i> , 2015, 89, 243-258.	1.9	18
65	6-OHBDE-47 induces transcriptomic alterations of CYP1A1, XRCC2, HSPA1A, EGR1 genes and trigger apoptosis in HepG2 cells. <i>Toxicology</i> , 2018, 400-401, 40-47.	2.0	17
66	High-throughput transcriptomics: An insight on the pathways affected in HepG2 cells exposed to nickel oxide nanoparticles. <i>Chemosphere</i> , 2020, 244, 125488.	4.2	17
67	Tris(2-butoxyethyl) phosphate (TBEP): A flame retardant in solid waste display hepatotoxic and carcinogenic risks for humans. <i>Chemosphere</i> , 2022, 296, 133977.	4.2	16
68	In Vitro Cytotoxicity of Mesoporous SiO <sub>2</sub> @Eu(OH) <sub>3</sub> Core-Shell Nanospheres in MCF-7. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-6.	1.5	15
69	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
70	Green synthesis of silver nanoparticles using Phoenix dactylifera seed extract and its anticancer effect against human lung adenocarcinoma cells. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 70, 103260.	1.4	15
71	Tris(2-chloroethyl) Phosphate (TCEP) Elicits Hepatotoxicity by Activating Human Cancer Pathway Genes in HepG2 Cells. <i>Toxics</i> , 2020, 8, 109.	1.6	14
72	Biochemical and Molecular Investigation of In Vitro Antioxidant and Anticancer Activity Spectrum of Crude Extracts of Willow Leaves <i>Salix safsaf</i> . <i>Plants</i> , 2020, 9, 1295.	1.6	14

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73	Synthesis and characterization of some abundant nanoparticles, their antimicrobial and enzyme inhibition activity. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2017, 64, 203-216.	0.4	13
74	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.	1.9	13
75	Selenium Nanoparticles Induce Cytotoxicity and Apoptosis in Human Breast Cancer (MCF-7) and Liver (HepG2) Cell Lines. <i>Nanoscience and Nanotechnology Letters</i> , 2020, 12, 324-330.	0.4	13
76	Effect of Trans-resveratrol on rotenone-induced cytotoxicity in human breast adenocarcinoma cells. <i>Toxicology International</i> , 2011, 18, 105.	0.1	12
77	Synthesis, optical properties and toxic potentiality of photoluminescent lanthanum oxide nanospheres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 607, 125511.	2.3	12
78	Optically active neodymium hydroxide surface-functionalized mesoporous silica micro-cocoons for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 189, 110877.	2.5	12
79	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.	1.9	12
80	Evaluation of cytotoxic responses of raw and functionalized multi-walled carbon nanotubes in human breast cancer (MCF-7) cells. <i>Vacuum</i> , 2017, 146, 578-585.	1.6	11
81	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.	1.9	11
82	Anticancer efficacies of persicogenin and homoeriodictyol isolated from <i>Rhus retinorrhoea</i> . <i>Process Biochemistry</i> , 2020, 95, 186-196.	1.8	11
83	Organophosphorus Flame Retardant TDCPP Displays Genotoxic and Carcinogenic Risks in Human Liver Cells. <i>Cells</i> , 2022, 11, 195.	1.8	11
84	Petroselinum sativum protects HepG2 cells from cytotoxicity and oxidative stress induced by hydrogen peroxide. <i>Molecular Biology Reports</i> , 2020, 47, 2771-2780.	1.0	10
85	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.	1.4	10
86	<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
87	Comparative cytotoxicity of dolomite nanoparticles in human larynx HEP2 and liver HepG2 cells. <i>Journal of Applied Toxicology</i> , 2015, 35, 640-650.	1.4	8
88	Toxicity response of highly colloidal, bioactive, monodisperse SiO <sub>2</sub> @ Pr(OH) <sub>3</sub> hollow microspheres. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110390.	2.5	8
89	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
90	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.	1.4	8

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91	NGF induced differentiated PC12 cells as in vitro tool to study 4-hydroxynonenal induced cellular damage. <i>Toxicology in Vitro</i> , 2010, 24, 1681-1688.	1.1	7
92	Organophosphorus flame-retardant tris(1-chloro-2-propyl)phosphate is genotoxic and apoptotic inducer in human umbilical vein endothelial cells. <i>Journal of Applied Toxicology</i> , 2021, 41, 861-873.	1.4	7
93	Association of dopamine DA-D <sub>2</sub> receptor in rotenone-induced cytotoxicity in PC12 cells. <i>Toxicology and Industrial Health</i> , 2010, 26, 533-542.	0.6	6
94	Protective potential of 17 $\beta$ -estradiol against co-exposure of 4-hydroxynonenal and 6-hydroxydopamine in PC12 cells. <i>Human and Experimental Toxicology</i> , 2011, 30, 860-869.	1.1	6
95	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.	1.9	6
96	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.	1.6	6
97	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
98	&lt;i>Portulaca oleracea&lt;/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.	0.2	5
99	Protective effects of <sc><i>Nigella sativa</i></sc> extract against H <sub>2</sub> O <sub>2</sub> -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.	1.4	5
100	Aloe vera-induced apoptotic cell death through ROS generation, cell cycle arrest, and DNA damage in human breast cancer cells. , 0, , .		5
101	Luminescent surface-functionalized mesoporous core-shell nanospheres and their cytotoxicity evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 573, 146-156.	2.3	4
102	HPTLC estimation and anticancer potential of Aloe perryi petroleum ether extract (APPE): A mechanistic study on human breast cancer cells (MDA-MB-231). <i>Journal of King Saud University - Science</i> , 2022, 34, 101968.	1.6	4
103	Galactose-grafted chylomicron-mimicking emulsion: evaluation of specificity against HepG-2 and MCF-7 cell lines. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 303-310.	1.2	4
104	Preliminary study of spectral features of normal and malignant cell cultures. <i>Laser Physics</i> , 2016, 26, 045601.	0.6	3
105	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.	1.8	3
106	Neodymium oxide nanostructures and their cytotoxic evaluation in human cancer cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 73, 127029.	1.5	3
107	Neuroprotective Effects of Withania somnifera 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.	1.6	2
108	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.	1.6	2

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109	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.	0.3	2
110	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.	0.3	2