

Javed Ahmad

List of Publications by Year in descending order

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153
papers

5,903
citations

81434

41
h-index

104191

69
g-index

153
all docs

153
docs citations

153
times ranked

8875
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc oxide nanoparticles selectively induce apoptosis in human cancer cells through reactive oxygen species. <i>International Journal of Nanomedicine</i> , 2012, 7, 845.	3.3	435
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	Application of advanced oxidation processes and toxicity assessment of transformation products. <i>Environmental Research</i> , 2018, 167, 223-233.	3.7	206
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	PI3K/AKT/mTOR pathway inhibitors in triple-negative breast cancer: a review on drug discovery and future challenges. <i>Drug Discovery Today</i> , 2019, 24, 2181-2191.	3.2	170
8	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
9	Formulation and optimization of levofloxacin loaded chitosan nanoparticle for ocular delivery: In-vitro characterization, ocular tolerance and antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 650-659.	3.6	118
10	Nanotechnology-based inhalation treatments for lung cancer: state of the art. <i>Nanotechnology, Science and Applications</i> , 2015, 8, 55.	4.6	105
11	Formulation and optimization of lacidipine loaded niosomal gel for transdermal delivery: In-vitro characterization and in-vivo activity. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 255-266.	2.5	91
12	Nanocarriers in advanced drug targeting: setting novel paradigm in cancer therapeutics. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 873-884.	1.9	91
13	Effect of long-term salinity on cellular antioxidants, compatible solute and fatty acid profile of Sweet Annie (<i>Artemisia annua</i> L.). <i>Phytochemistry</i> , 2013, 95, 215-223.	1.4	83
14	Nanomedicine-based drug targeting for psoriasis: potentials and emerging trends in nanoscale pharmacotherapy. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 635-652.	2.4	79
15	Oleuropein: A natural antioxidant molecule in the treatment of metabolic syndrome. <i>Phytotherapy Research</i> , 2019, 33, 3112-3128.	2.8	74
16	Progress in nanotechnology-based drug carrier in designing of curcumin nanomedicines for cancer therapy: current state-of-the-art. <i>Journal of Drug Targeting</i> , 2016, 24, 273-293.	2.1	73
17	Nanoemulgel for Improved Topical Delivery of Retinyl Palmitate: Formulation Design and Stability Evaluation. <i>Nanomaterials</i> , 2020, 10, 848.	1.9	73
18	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

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19	Thymol and carvacrol induce autolysis, stress, growth inhibition and reduce the biofilm formation by <i>Streptococcus mutans</i> . <i>AMB Express</i> , 2017, 7, 49.	1.4	68
20	Influence of sulfur and cadmium on antioxidants, phytochelatins and growth in Indian mustard. <i>AoB PLANTS</i> , 2015, 7, .	1.2	65
21	Nanostructured Lipid Carriers: A Novel Platform for Chemotherapeutics. <i>Current Drug Delivery</i> , 2016, 13, 4-26.	0.8	65
22	Emerging advances in cancer nanotheranostics with graphene nanocomposites: opportunities and challenges. <i>Nanomedicine</i> , 2015, 10, 2405-2422.	1.7	64
23	Improving the topical ocular pharmacokinetics of an immunosuppressant agent with mucoadhesive nanoemulsions: Formulation development, in-vitro and in-vivo studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 19-29.	2.5	64
24	Improved pharmacokinetics and antihyperlipidemic efficacy of rosuvastatin-loaded nanostructured lipid carriers. <i>Journal of Drug Targeting</i> , 2017, 25, 58-74.	2.1	63
25	Nanoemulsion loaded polymeric hydrogel for topical delivery of curcumin in psoriasis. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 59, 101847.	1.4	60
26	Solid Matrix Based Lipidic Nanoparticles in Oral Cancer Chemotherapy: Applications and Pharmacokinetics. <i>Current Drug Metabolism</i> , 2015, 16, 633-644.	0.7	59
27	Bile Salt Stabilized Vesicles (Bilosomes): A Novel Nano-Pharmaceutical Design for Oral Delivery of Proteins and Peptides. <i>Current Pharmaceutical Design</i> , 2017, 23, 1575-1588.	0.9	58
28	Co-Delivery of Imiquimod and Curcumin by Nanoemugel for Improved Topical Delivery and Reduced Psoriasis-Like Skin Lesions. <i>Biomolecules</i> , 2020, 10, 968.	1.8	57
29	Nanotechnology Based Theranostic Approaches in Alzheimer's Disease Management: Current Status and Future Perspective. <i>Current Alzheimer Research</i> , 2017, 14, 1164-1181.	0.7	57
30	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
31	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
32	Progress in nanomedicine-based drug delivery in designing of chitosan nanoparticles for cancer therapy. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 602-623.	1.8	55
33	Solid-Nanoemulsion Preconcentrate for Oral Delivery of Paclitaxel: Formulation Design, Biodistribution, and ¹³ I Scintigraphy Imaging. <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	53
34	Engineered Nanoparticles Against MDR in Cancer: The State of the Art and its Prospective. <i>Current Pharmaceutical Design</i> , 2016, 22, 4360-4373.	0.9	53
35	Progress of Cancer Nanotechnology as Diagnostics, Therapeutics, and Theranostics Nanomedicine: Preclinical Promise and Translational Challenges. <i>Pharmaceutics</i> , 2021, 13, 24.	2.0	48
36	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

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37	Differential cytotoxicity of copper ferrite nanoparticles in different human cells. <i>Journal of Applied Toxicology</i> , 2016, 36, 1284-1293.	1.4	47
38	Spinach (<i>Spinacia oleracea</i> L.) modulates its proteome differentially in response to salinity, cadmium and their combination stress. <i>Plant Physiology and Biochemistry</i> , 2015, 97, 235-245.	2.8	46
39	Role of Graphene Nano-Composites in Cancer Therapy: Theranostic Applications, Metabolic Fate and Toxicity Issues. <i>Current Drug Metabolism</i> , 2015, 16, 397-409.	0.7	46
40	Epidermal growth factor receptor based active targeting: a paradigm shift towards advance tumor therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1188-1198.	1.9	44
41	Topical Nano-emulgel for Skin Disorders: Formulation Approach and Characterization. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2019, 14, 36-48.	0.5	44
42	Drought and salinity induced changes in ecophysiology and proteomic profile of <i>Parthenium hysterophorus</i> . <i>PLoS ONE</i> , 2017, 12, e0185118.	1.1	44
43	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
44	Insights into the Targeting Potential of Thymoquinone for Therapeutic Intervention Against Triple-negative Breast Cancer. <i>Current Drug Targets</i> , 2018, 19, 70-80.	1.0	43
45	Formulation of Self-Nanoemulsifying Drug Delivery System for Telmisartan with Improved Dissolution and Oral Bioavailability. <i>Journal of Dispersion Science and Technology</i> , 2011, 32, 958-968.	1.3	41
46	Emerging importance of holobionts in evolution and in probiotics. <i>Gut Pathogens</i> , 2013, 5, 12.	1.6	41
47	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.	1.1	39
48	Transformation of Curcumin from Food Additive to Multifunctional Medicine: Nanotechnology Bridging the Gap. <i>Current Drug Discovery Technologies</i> , 2014, 11, 197-213.	0.6	37
49	Recent Progress in Lipid Nanoparticles for Cancer Theranostics: Opportunity and Challenges. <i>Pharmaceutics</i> , 2021, 13, 840.	2.0	36
50	Thymoquinone Loaded Topical Nanoemulgel for Wound Healing: Formulation Design and In-Vivo Evaluation. <i>Molecules</i> , 2021, 26, 3863.	1.7	36
51	Changes in rubisco, cysteine-rich proteins and antioxidant system of spinach (<i>Spinacia oleracea</i> L.) due to sulphur deficiency, cadmium stress and their combination. <i>Protoplasma</i> , 2017, 254, 1031-1043.	1.0	35
52	Surface-Engineered Cancer Nanomedicine: Rational Design and Recent Progress. <i>Current Pharmaceutical Design</i> , 2020, 26, 1181-1190.	0.9	35
53	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
54	Preparation and Characterization of Curcumin Nanoemulgel Utilizing Ultrasonication Technique for Wound Healing: In Vitro, Ex Vivo, and In Vivo Evaluation. <i>Gels</i> , 2021, 7, 213.	2.1	33

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55	Effect of oil and co-surfactant on the formation of Solutol HS 15 based colloidal drug carrier by Boxâ€œBehnken statistical design. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 453, 68-77.	2.3	32
56	Development of a 3D Printed Coating Shell to Control the Drug Release of Encapsulated Immediate-Release Tablets. <i>Polymers</i> , 2020, 12, 1395.	2.0	31
57	Extrusion-Based 3D Printing for Pharmaceuticals: Contemporary Research and Applications. <i>Current Pharmaceutical Design</i> , 2019, 24, 4991-5008.	0.9	31
58	Folklore Medicinal Plants of Mewat (Gurgaon District), Haryana, India. <i>International Journal of Pharmacognosy</i> , 1992, 30, 129-134.	0.2	30
59	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
60	Role of Phytochelatins in Cadmium Stress Tolerance in Plants. , 2019, , 185-212.		28
61	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
62	Sub-lethal doses of widespread nanoparticles promote antifungal activity in <i>Pseudomonas protegens</i> CHAO. <i>Science of the Total Environment</i> , 2018, 627, 658-662.	3.9	27
63	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
64	Drought mediated physiological and molecular changes in muskmelon (<i>Cucumis melo</i> L.). <i>PLoS ONE</i> , 2019, 14, e0222647.	1.1	27
65	Formulation design and evaluation of aceclofenac nanogel for topical application. <i>Therapeutic Delivery</i> , 2020, 11, 767-778.	1.2	27
66	3D Printing of Dapagliflozin Containing Self-Nanoemulsifying Tablets: Formulation Design and In Vitro Characterization. <i>Pharmaceutics</i> , 2021, 13, 993.	2.0	27
67	Proteomic and ecophysiological responses of soybean (<i>Glycine max</i> L.) root nodules to Pb and hg stress. <i>BMC Plant Biology</i> , 2018, 18, 283.	1.6	26
68	Dual role of oxidative stress-JNK activation in autophagy and apoptosis induced by nickel oxide nanoparticles in human cancer cells. <i>Free Radical Biology and Medicine</i> , 2020, 153, 173-186.	1.3	26
69	Lipid Nanoparticles Based Cosmetics with Potential Application in Alleviating Skin Disorders. <i>Cosmetics</i> , 2021, 8, 84.	1.5	26
70	DNA Methylation: A Promising Approach in Management of Alzheimerâ€™s Disease and Other Neurodegenerative Disorders. <i>Biology</i> , 2022, 11, 90.	1.3	26
71	Theoretical studies of optical properties of Cu doped rocksalt CdS. <i>Journal of Alloys and Compounds</i> , 2017, 695, 3605-3611.	2.8	25
72	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

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73	Emerging advances in synthetic cancer nano-vaccines: opportunities and challenges. <i>Expert Review of Vaccines</i> , 2020, 19, 1053-1071.	2.0	23
74	Role of Nanomedicines in Delivery of Anti-Acetylcholinesterase Compounds to the Brain in Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1315-1324.	0.8	23
75	Nickel Oxide Nanoparticles Induced Transcriptomic Alterations in HEPG2 Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1048, 163-174.	0.8	22
76	Synthesis of NiO/CeO ₂ nanocomposite for electrochemical sensing of perilous 4-nitrophenol. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17643-17653.	1.1	22
77	Survival of probiotic bacteria in the presence of food grade nanoparticles from chocolates: an in vitro and in vivo study. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6689-6700.	1.7	21
78	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
79	Differential antioxidative and biochemical responses to aluminium stress in Brassica juncea cultivars. <i>Horticulture Environment and Biotechnology</i> , 2018, 59, 615-627.	0.7	20
80	Development of novel dapagliflozin loaded solid self-nanoemulsifying oral delivery system: Physicochemical characterization and in vivo antidiabetic activity. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101279.	1.4	20
81	Omega-3 fatty acids as adjunctive therapeutics: prospective of nanoparticles in its formulation development. <i>Therapeutic Delivery</i> , 2020, 11, 851-868.	1.2	20
82	Interactions of atenolol with alprazolam/escitalopram on anxiety, depression and oxidative stress. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 117, 79-84.	1.3	19
83	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
84	Organ-Specific Phytochemical Profiling and Antioxidant Analysis of Parthenium hysterophorus L. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	18
85	Polymer-Lipid Hybrid Systems: Scope of Intravenous-To-Oral Switch in Cancer Chemotherapy. <i>Current Nanomedicine</i> , 2020, 10, 164-177.	0.2	18
86	MicroRNA in carcinogenesis & cancer diagnostics: a new paradigm. <i>Indian Journal of Medical Research</i> , 2013, 137, 680-94.	0.4	18
87	Comparative assessment of four RNA extraction methods and modification to obtain high-quality RNA from Parthenium hysterophorus leaf. <i>3 Biotech</i> , 2017, 7, 373.	1.1	17
88	6-OHBDDE-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
89	Nanovesicular Transfersomes for Enhanced Systemic Delivery of Telmisartan. <i>Advanced Science, Engineering and Medicine</i> , 2013, 5, 299-308.	0.3	16
90	Recent Developments in Diagnosis of Epilepsy: Scope of MicroRNA and Technological Advancements. <i>Biology</i> , 2021, 10, 1097.	1.3	16

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91	Lipid based Nanocarriers for Oral Delivery of Cancer Chemotherapeutics: An Insight in the Intestinal Lymphatic Transport. <i>Drug Delivery Letters</i> , 2013, 3, 38-46.	0.2	15
92	Nanorods of ZnO: An effective hydrazine sensor and their chemical properties. <i>Vacuum</i> , 2019, 165, 290-296.	1.6	15
93	Inclusion complex of thymol and hydroxypropyl- β -cyclodextrin (HP- β -CD) in polymeric hydrogel for topical application: Physicochemical characterization, molecular docking, and stability evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102609.	1.4	15
94	Triacontanol attenuates drought-induced oxidative stress in <i>Brassica juncea</i> L. by regulating lignification genes, calcium metabolism and the antioxidant system. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 985-998.	2.8	15
95	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
96	Investigation Utilizing the HLB Concept for the Development of Moisturizing Cream and Lotion: In-Vitro Characterization and Stability Evaluation. <i>Cosmetics</i> , 2020, 7, 43.	1.5	14
97	Receptor-Mediated Targeted Delivery of Surface-Modified Nanomedicine in Breast Cancer: Recent Update and Challenges. <i>Pharmaceutics</i> , 2021, 13, 2039.	2.0	14
98	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
99	Quality by Design Approach for Self Nanoemulsifying System of Paclitaxel. <i>Science of Advanced Materials</i> , 2014, 6, 1778-1791.	0.1	13
100	Use of β -galactosidase (lacZ) gene \pm -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
101	Rapid sensing response for phenol with CuO nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 607, 125424.	2.3	12
102	Differential impact of some metal(loid)s on oxidative stress, antioxidant system, sulfur compounds, and protein profile of Indian mustard (<i>Brassica juncea</i> L.). <i>Protoplasma</i> , 2020, 257, 1667-1683.	1.0	12
103	Emerging advances in cationic liposomal cancer nanovaccines: opportunities and challenges. <i>Immunotherapy</i> , 2021, 13, 491-507.	1.0	12
104	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
105	Self-Emulsifying Nano Carriers for Improved Oral Bioavailability of Lipophilic Drugs. <i>Reviews in Advanced Sciences and Engineering</i> , 2012, 1, 134-147.	0.6	11
106	Functionalization of anti-Brucella antibody on ZnO-NPs and their deposition on aluminum sheet towards developing a sensor for the detection of Brucella. <i>Vacuum</i> , 2017, 146, 592-598.	1.6	11
107	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
108	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

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109	Anticancer efficacies of persicogenin and homoeriodictyol isolated from <i>Rhus retinorrhoea</i> . <i>Process Biochemistry</i> , 2020, 95, 186-196.	1.8	11
110	Resveratrol loaded self-nanoemulsifying drug delivery system (SNEDDS) for pancreatic cancer: Formulation design, optimization and in vitro evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102555.	1.4	11
111	Novel therapeutic interventions for combating Parkinson's disease and prospects of Nose-to-Brain drug delivery. <i>Biochemical Pharmacology</i> , 2022, 195, 114849.	2.0	11
112	Development, Optimization, and In Vitro Evaluation of Novel Oral Long-Acting Resveratrol Nanocomposite In-Situ Gelling Film in the Treatment of Colorectal Cancer. <i>Gels</i> , 2021, 7, 276.	2.1	11
113	Emerging trends and promises of nanoemulsions in therapeutics of infectious diseases. <i>Nanomedicine</i> , 2022, 17, 793-812.	1.7	11
114	Toxicity of Inorganic Nanoparticles Used in Targeted Drug Delivery and Other Biomedical Application: An Updated Account on Concern of Biomedical Nanotoxicology. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7873-7897.	0.9	10
115	Development and Evaluation of Repurposed Etoricoxib Loaded Nanoemulsion for Improving Anticancer Activities against Lung Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13284.	1.8	10
116	MWCNTs functionalization and immobilization with anti-Brucella antibody; towards the development of a nanosensor. <i>Vacuum</i> , 2017, 146, 623-632.	1.6	9
117	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
118	Effect of <i>Nardostachys jatamansi</i> DC. on Apoptosis, Inflammation and Oxidative Stress Induced by Doxorubicin in Wistar Rats. <i>Plants</i> , 2020, 9, 1579.	1.6	8
119	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
120	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
121	Nanoemulgel as an approach to improve the biopharmaceutical performance of lipophilic drugs: Contemporary research and application. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 72, 103420.	1.4	8
122	Application of multi-dimensional (0D, 1D, 2D) nanostructures for the cytological evaluation of cancer cells and their bacterial response. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 583, 123953.	2.3	7
123	<i>Parthenium hysterophorus</i> steps up Ca-regulatory pathway in defence against highlight intensities. <i>Scientific Reports</i> , 2020, 10, 8934.	1.6	7
124	The development of cobalt oxide nanoparticles based electrode to elucidate the rapid sensing of nitrophenol. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 265, 114994.	1.7	7
125	Repurposed drug against COVID-19: nanomedicine as an approach for finding new hope in old medicines. <i>Nano Express</i> , 2021, 2, 022007.	1.2	6
126	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

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127	Cytotoxic assessment of liver cancer cells (HepG2) with raw, functionalized multiwalled carbon nanotubes and their comparison with nanohydroxyapatite. Journal of King Saud University - Science, 2021, 33, 101444.	1.6	6
128	Zinc Oxide Nanoparticles: Mechanism(s) of Cell Death Induced in Human Epidermoid Larynx Cell Line (HEp-2). Nanoscience and Nanotechnology Letters, 2017, 9, 573-582.	0.4	6
129	Cytotoxicity and apoptosis response of hexagonal zinc oxide nanorods against human hepatocellular liver carcinoma cell line. Journal of King Saud University - Science, 2021, 33, 101658.	1.6	6
130	Nanotechnology to Combat Multidrug Resistance in Cancer. Resistance To Targeted Anti-cancer Therapeutics, 2015, , 245-272.	0.1	5
131	An improved method of DNA preparation for PCR-based detection of Brucella in raw camel milk samples from Riyadh region and its comparison with immunological methods. Journal of Food Safety, 2018, 38, e12381.	1.1	5
132	Progress of Controlled Drug Delivery Systems in Topical Ophthalmology: Focus on Nano and Micro Drug Carriers. , 2016, , 131-163.		4
133	Response Surface Methodology for Optimization of Ultrasound Assisted Extraction of Swertiamarin from <i>Enicostema littorale</i> Blume. Current Bioactive Compounds, 2016, 12, 87-92.	0.2	4
134	Design, Characterization, and Antimicrobial Evaluation of Copper Nanoparticles Utilizing Tamarixinin a Ellagitannin from Galls of <i>Tamarix aphylla</i> . Pharmaceuticals, 2022, 15, 216.	1.7	4
135	HPTLC estimation and anticancer potential of <i>Aloe perryi</i> petroleum ether extract (APPeE): A mechanistic study on human breast cancer cells (MDA-MB-231). Journal of King Saud University - Science, 2022, 34, 101968.	1.6	4
136	Proteomics of mercury-induced responses and resilience in plants: a review. Environmental Chemistry Letters, 2022, 20, 3335-3355.	8.3	4
137	Sustained-release ginseng/sodium alginate nano hydrogel formulation, characterization, and in vivo assessment to facilitate wound healing. Journal of Drug Delivery Science and Technology, 2022, 74, 103565.	1.4	4
138	Nanotechnology for Transcorneal Drug Targeting in Glaucoma: Challenges and Progress. , 2016, , 75-99.		3
139	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. Apmis, 2018, 126, 215-226.	0.9	3
140	Proteomics of Cadmium Tolerance in Plants. , 2019, , 143-175.		3
141	Investigating structural, electronic and optical properties of CdS:Cr (A GGA and GGA+U study). Solid State Sciences, 2020, 108, 106437.	1.5	3
142	Wheat dwarf India Virus and associated betasatellite infecting wheat in Pakistan. Australasian Plant Disease Notes, 2020, 15, 1.	0.4	3
143	Effect of Praseodymium on the Characteristics of Nano-ZnO Towards Organophosphate as a Nano-Electrochemical Device. Journal of Nanoelectronics and Optoelectronics, 2016, 11, 6-11.	0.1	3
144	Cytotoxic and molecular assessment with copper and iron nanocomposite, act as a soft eradicator against cancer cells. Journal of King Saud University - Science, 2022, 34, 101908.	1.6	3

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