Javed Ahmad

List of Publications by Year
in descending order

153 papers	5,903 citations	71102 41 h-index	91884 69 g-index
153 all docs	153 docs citations	153 times ranked	8035 citing authors

#	Article	IF	Citations
1	Zinc oxide nanoparticles selectively induce apoptosis in human cancer cells through reactive oxygen species. International Journal of Nanomedicine, 2012, 7, 845.	6.7	435
2	Copper Oxide Nanoparticles Induced Mitochondria Mediated Apoptosis in Human Hepatocarcinoma Cells. PLoS ONE, 2013, 8, e69534.	2.5	285
3	Oxidative stress mediated apoptosis induced by nickel ferrite nanoparticles in cultured A549 cells. Toxicology, 2011, 283, 101-108.	4.2	279
4	ZnO nanoparticles induced oxidative stress and apoptosis in HepG2 and MCF-7 cancer cells and their antibacterial activity. Colloids and Surfaces B: Biointerfaces, 2014, 117, 267-276.	5.0	254
5	Application of advanced oxidation processes and toxicity assessment of transformation products. Environmental Research, 2018, 167, 223-233.	7.5	206
6	Apoptosis induction by silica nanoparticles mediated through reactive oxygen species in human liver cell line HepG2. Toxicology and Applied Pharmacology, 2012, 259, 160-168.	2.8	183
7	PI3K/AKT/mTOR pathway inhibitors in triple-negative breast cancer: a review on drug discovery and future challenges. Drug Discovery Today, 2019, 24, 2181-2191.	6.4	170
8	Nickel oxide nanoparticles induce cytotoxicity, oxidative stress and apoptosis in cultured human cells that is abrogated by the dietary antioxidant curcumin. Food and Chemical Toxicology, 2012, 50, 641-647.	3.6	140
9	Formulation and optimization of levofloxacin loaded chitosan nanoparticle for ocular delivery: In-vitro characterization, ocular tolerance and antibacterial activity. International Journal of Biological Macromolecules, 2018, 108, 650-659.	7.5	118
10	Nanotechnology-based inhalation treatments for lung cancer: state of the art. Nanotechnology, Science and Applications, 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. Biomedicine and Pharmacotherapy, 2017, 93, 255-266.	5.6	91
12	Nanocarriers in advanced drug targeting: setting novel paradigm in cancer therapeutics. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 873-884.	2.8	91
13	Effect of long-term salinity on cellular antioxidants, compatible solute and fatty acid profile of Sweet Annie (Artemisia annua L.). Phytochemistry, 2013, 95, 215-223.	2.9	83
14	Nanomedicine-based drug targeting for psoriasis: potentials and emerging trends in nanoscale pharmacotherapy. Expert Opinion on Drug Delivery, 2015, 12, 635-652.	5.0	79
15	Oleuropein: A natural antioxidant molecule in the treatment of metabolic syndrome. Phytotherapy Research, 2019, 33, 3112-3128.	5.8	74
16	Progress in nanotechnology-based drug carrier in designing of curcumin nanomedicines for cancer therapy: current state-of-the-art. Journal of Drug Targeting, 2016, 24, 273-293.	4.4	73
17	Nanoemulgel for Improved Topical Delivery of Retinyl Palmitate: Formulation Design and Stability Evaluation. Nanomaterials, 2020, 10, 848.	4.1	73
18	Concentrationâ€dependent induction of reactive oxygen species, cell cycle arrest and apoptosis in human liver cells after nickel nanoparticles exposure. Environmental Toxicology, 2015, 30, 137-148.	4.0	71

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19	Thymol and carvacrol induce autolysis, stress, growth inhibition and reduce the biofilm formation by Streptococcus mutans. AMB Express, 2017, 7, 49.	3.0	68
20	Influence of sulfur and cadmium on antioxidants, phytochelatins and growth in Indian mustard. AoB PLANTS, 2015, 7, .	2.3	65
21	Nanostructured Lipid Carriers: A Novel Platform for Chemotherapeutics. Current Drug Delivery, 2016, 13, 4-26.	1.6	65
22	Emerging advances in cancer nanotheranostics with graphene nanocomposites: opportunities and challenges. Nanomedicine, 2015, 10, 2405-2422.	3.3	64
23	Improving the topical ocular pharmacokinetics of an immunosuppressant agent with mucoadhesive nanoemulsions: Formulation development, in-vitro and in-vivo studies. Colloids and Surfaces B: Biointerfaces, 2016, 148, 19-29.	5.0	64
24	Improved pharmacokinetics and antihyperlipidemic efficacy of rosuvastatin-loaded nanostructured lipid carriers. Journal of Drug Targeting, 2017, 25, 58-74.	4.4	63
25	Nanoemulsion loaded polymeric hydrogel for topical delivery of curcumin in psoriasis. Journal of Drug Delivery Science and Technology, 2020, 59, 101847.	3.0	60
26	Solid Matrix Based Lipidic Nanoparticles in Oral Cancer Chemotherapy: Applications and Pharmacokinetics. Current Drug Metabolism, 2015, 16, 633-644.	1.2	59
27	Bile Salt Stabilized Vesicles (Bilosomes): A Novel Nano-Pharmaceutical Design for Oral Delivery of Proteins and Peptides. Current Pharmaceutical Design, 2017, 23, 1575-1588.	1.9	58
28	Co-Delivery of Imiquimod and Curcumin by Nanoemugel for Improved Topical Delivery and Reduced Psoriasis-Like Skin Lesions. Biomolecules, 2020, 10, 968.	4.0	57
29	Nanotechnology Based Theranostic Approaches in Alzheimer's Disease Management: Current Status and Future Perspective. Current Alzheimer Research, 2017, 14, 1164-1181.	1.4	57
30	Bio-functionalized CuO nanoparticles induced apoptotic activities in human breast carcinoma cells and toxicity against Aspergillus flavus: An in vitro approach. Process Biochemistry, 2020, 91, 387-397.	3.7	56
31	Molybdenum nanoparticles-induced cytotoxicity, oxidative stress, G2/M arrest, and DNA damage in mouse skin fibroblast cells (L929). Colloids and Surfaces B: Biointerfaces, 2015, 125, 73-81.	5.0	55
32	Progress in nanomedicine-based drug delivery in designing of chitosan nanoparticles for cancer therapy. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 602-623.	3.4	55
33	Solid-Nanoemulsion Preconcentrate for Oral Delivery of Paclitaxel: Formulation Design, Biodistribution, andÎ³Scintigraphy Imaging. BioMed Research International, 2014, 2014, 1-12.	1.9	53
34	Engineered Nanoparticles Against MDR in Cancer: The State of the Art and its Prospective. Current Pharmaceutical Design, 2016, 22, 4360-4373.	1.9	53
35	Progress of Cancer Nanotechnology as Diagnostics, Therapeutics, and Theranostics Nanomedicine: Preclinical Promise and Translational Challenges. Pharmaceutics, 2021, 13, 24.	4.5	48
36	Zinc ferrite nanoparticles activate IL-1b, NFKB1, CCL21 and NOS2 signaling to induce mitochondrial dependent intrinsic apoptotic pathway in WISH cells. Toxicology and Applied Pharmacology, 2013, 273, 289-297.	2.8	47

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37	Differential cytotoxicity of copper ferrite nanoparticles in different human cells. Journal of Applied Toxicology, 2016, 36, 1284-1293.	2.8	47
38	Spinach (Spinacia oleracea L.) modulates its proteome differentially in response to salinity, cadmium and their combination stress. Plant Physiology and Biochemistry, 2015, 97, 235-245.	5.8	46
39	Role of Graphene Nano-Composites in Cancer Therapy: Theranostic Applications, Metabolic Fate and Toxicity Issues. Current Drug Metabolism, 2015, 16, 397-409.	1.2	46
40	Epidermal growth factor receptor based active targeting: a paradigm shift towards advance tumor therapy. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1188-1198.	2.8	44
41	Topical Nano-emulgel for Skin Disorders: Formulation Approach and Characterization. Recent Patents on Anti-infective Drug Discovery, 2019, 14, 36-48.	0.8	44
42	Drought and salinity induced changes in ecophysiology and proteomic profile of Parthenium hysterophorus. PLoS ONE, 2017, 12, e0185118.	2.5	44
43	Zinc oxide quantum dots: multifunctional candidates for arresting C2C12 cancer cells and their role towards caspase 3 and 7 genes. RSC Advances, 2016, 6, 26111-26120.	3.6	43
44	Insights into the Targeting Potential of Thymoquinone for Therapeutic Intervention Against Triple-negative Breast Cancer. Current Drug Targets, 2018, 19, 70-80.	2.1	43
45	Formulation of Self-Nanoemulsifying Drug Delivery System for Telmisartan with Improved Dissolution and Oral Bioavailability. Journal of Dispersion Science and Technology, 2011, 32, 958-968.	2.4	41
46	Emerging importance of holobionts in evolution and in probiotics. Gut Pathogens, 2013, 5, 12.	3.4	41
47	Zinc oxide and titanium dioxide nanoparticles induce oxidative stress, inhibit growth, and attenuate biofilm formation activity of Streptococcus mitis. Journal of Biological Inorganic Chemistry, 2016, 21, 295-303.	2.6	39
48	Transformation of Curcumin from Food Additive to Multifunctional Medicine: Nanotechnology Bridging the Gap. Current Drug Discovery Technologies, 2014, 11, 197-213.	1.2	37
49	Recent Progress in Lipid Nanoparticles for Cancer Theranostics: Opportunity and Challenges. Pharmaceutics, 2021, 13, 840.	4.5	36
50	Thymoquinone Loaded Topical Nanoemulgel for Wound Healing: Formulation Design and In-Vivo Evaluation. Molecules, 2021, 26, 3863.	3.8	36
51	Changes in rubisco, cysteine-rich proteins and antioxidant system of spinach (Spinacia oleracea L.) due to sulphur deficiency, cadmium stress and their combination. Protoplasma, 2017, 254, 1031-1043.	2.1	35
52	Surface-Engineered Cancer Nanomedicine: Rational Design and Recent Progress. Current Pharmaceutical Design, 2020, 26, 1181-1190.	1.9	35
53	Rhamnolipids functionalized AgNPs-induced oxidative stress and modulation of toxicity pathway genes in cultured MCF-7 cells. Colloids and Surfaces B: Biointerfaces, 2015, 132, 290-298.	5.0	33
54	Preparation and Characterization of Curcumin Nanoemulgel Utilizing Ultrasonication Technique for Wound Healing: In Vitro, Ex Vivo, and In Vivo Evaluation. Gels, 2021, 7, 213.	4.5	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€“Behnken statistical design. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 453, 68-77.	4.7	32
56	Development of a 3D Printed Coating Shell to Control the Drug Release of Encapsulated Immediate-Release Tablets. Polymers, 2020, 12, 1395.	4.5	31
57	Extrusion-Based 3D Printing for Pharmaceuticals: Contemporary Research and Applications. Current Pharmaceutical Design, 2019, 24, 4991-5008.	1.9	31
58	Folklore Medicinal Plants of Mewat (Gurgaon District), Haryana, India. International Journal of Pharmacognosy, 1992, 30, 129-134.	0.2	30
59	Genotoxicity of ferric oxide nanoparticles in Raphanus sativus : Deciphering the role of signaling factors, oxidative stress and cell death. Journal of Environmental Sciences, 2016, 47, 49-62.	6.1	28
60	Role of Phytochelatins in Cadmium Stress Tolerance in Plants. , 2019, , 185-212.		28
61	Corn Silk (Zea mays L.) Induced Apoptosis in Human Breast Cancer (MCF-7) Cells via the ROS-Mediated Mitochondrial Pathway. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-9.	4.0	28
62	Sub-lethal doses of widespread nanoparticles promote antifungal activity in Pseudomonas protegens CHA0. Science of the Total Environment, 2018, 627, 658-662.	8.0	27
63	Organophosphorus flame retardant (tricresyl phosphate) trigger apoptosis in HepG2 cells: Transcriptomic evidence on activation of human cancer pathways. Chemosphere, 2019, 237, 124519.	8.2	27
64	Drought mediated physiological and molecular changes in muskmelon (Cucumis melo L.). PLoS ONE, 2019, 14, e0222647.	2.5	27
65	Formulation design and evaluation of aceclofenac nanogel for topical application. Therapeutic Delivery, 2020, 11, 767-778.	2.2	27
66	3D Printing of Dapagliflozin Containing Self-Nanoemulsifying Tablets: Formulation Design and In Vitro Characterization. Pharmaceutics, 2021, 13, 993.	4.5	27
67	Proteomic and ecophysiological responses of soybean (Glycine max L.) root nodules to Pb and hg stress. BMC Plant Biology, 2018, 18, 283.	3.6	26
68	Dual role of oxidative stress-JNK activation in autophagy and apoptosis induced by nickel oxide nanoparticles in human cancer cells. Free Radical Biology and Medicine, 2020, 153, 173-186.	2.9	26
69	Lipid Nanoparticles Based Cosmetics with Potential Application in Alleviating Skin Disorders. Cosmetics, 2021, 8, 84.	3.3	26
70	DNA Methylation: A Promising Approach in Management of Alzheimerâ€™s Disease and Other Neurodegenerative Disorders. Biology, 2022, 11, 90.	2.8	26
71	Theoretical studies of optical properties of Cu doped rocksalt CdS. Journal of Alloys and Compounds, 2017, 695, 3605-3611.	5.5	25
72	Cytotoxicity and cell death induced by engineered nanostructures (quantum dots and nanoparticles) in human cell lines. Journal of Biological Inorganic Chemistry, 2020, 25, 325-338.	2.6	24

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73	Emerging advances in synthetic cancer nano-vaccines: opportunities and challenges. Expert Review of Vaccines, 2020, 19, 1053-1071.	4.4	23
74	Role of Nanomedicines in Delivery of Anti-Acetylcholinesterase Compounds to the Brain in Alzheimerâ€™s Disease. CNS and Neurological Disorders - Drug Targets, 2014, 13, 1315-1324.	1.4	23
75	Nickel Oxide Nanoparticles Induced Transcriptomic Alterations in HEPG2 Cells. Advances in Experimental Medicine and Biology, 2018, 1048, 163-174.	1.6	22
76	Synthesis of NiOâ€“CeO2 nanocomposite for electrochemical sensing of perilous 4-nitrophenol. Journal of Materials Science: Materials in Electronics, 2019, 30, 17643-17653.	2.2	22
77	Survival of probiotic bacteria in the presence of food grade nanoparticles from chocolates: an in vitro and in vivo study. Applied Microbiology and Biotechnology, 2019, 103, 6689-6700.	3.6	21
78	Utilization of photocatalytic ZnO nanoparticles for deactivation of safranine dye and their applications for statistical analysis. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 69, 101-108.	2.7	20
79	Differential antioxidative and biochemical responses to aluminium stress in Brassica juncea cultivars. Horticulture Environment and Biotechnology, 2018, 59, 615-627.	2.1	20
80	Development of novel dapagliflozin loaded solid self-nanoemulsifying oral delivery system: Physiochemical characterization and in vivo antidiabetic activity. Journal of Drug Delivery Science and Technology, 2019, 54, 101279.	3.0	20
81	Omega-3 fatty acids as adjunctive therapeutics: prospective of nanoparticles in its formulation development. Therapeutic Delivery, 2020, 11, 851-868.	2.2	20
82	Interactions of atenolol with alprazolam/escitalopram on anxiety, depression and oxidative stress. Pharmacology Biochemistry and Behavior, 2014, 117, 79-84.	2.9	19
83	Zinc oxide quantum dots: a potential candidate to detain liver cancer cells. Bioprocess and Biosystems Engineering, 2015, 38, 155-163.	3.4	19
84	Organ-Specific Phytochemical Profiling and Antioxidant Analysis of Parthenium hysterophorus L.. BioMed Research International, 2018, 2018, 1-10.	1.9	18
85	Polymer-Lipid Hybrid Systems: Scope of Intravenous-To-Oral Switch in Cancer Chemotherapy. Current Nanomedicine, 2020, 10, 164-177.	0.6	18
86	MicroRNA in carcinogenesis & cancer diagnostics: a new paradigm. Indian Journal of Medical Research, 2013, 137, 680-94.	1.0	18
87	Comparative assessment of four RNA extraction methods and modification to obtain high-quality RNA from Parthenium hysterophorus leaf. 3 Biotech, 2017, 7, 373.	2.2	17
88	6-OHBDE-47 induces transcriptomic alterations of CYP1A1, XRCC2, HSPA1A, EGR1 genes and trigger apoptosis in HepG2 cells. Toxicology, 2018, 400-401, 40-47.	4.2	17
89	Nanovesicular Transfersomes for Enhanced Systemic Delivery of Telmisartan. Advanced Science, Engineering and Medicine, 2013, 5, 299-308.	0.3	16
90	Recent Developments in Diagnosis of Epilepsy: Scope of MicroRNA and Technological Advancements. Biology, 2021, 10, 1097.	2.8	16

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91	Lipid based Nanocarriers for Oral Delivery of Cancer Chemotherapeutics: An Insight in the Intestinal Lymphatic Transport. Drug Delivery Letters, 2013, 3, 38-46.	0.5	15
92	Nanorods of ZnO: An effective hydrazine sensor and their chemical properties. Vacuum, 2019, 165, 290-296.	3.5	15
93	Inclusion complex of thymol and hydroxypropyl-Î²-cyclodextrin (HP-Î²-CD) in polymeric hydrogel for topical application: Physicochemical characterization, molecular docking, and stability evaluation. Journal of Drug Delivery Science and Technology, 2021, 64, 102609.	3.0	15
94	Triacontanol attenuates drought-induced oxidative stress in Brassica juncea L. by regulating lignification genes, calcium metabolism and the antioxidant system. Plant Physiology and Biochemistry, 2021, 166, 985-998.	5.8	15
95	Tris(2-chloroethyl) Phosphate (TCEP) Elicits Hepatotoxicity by Activating Human Cancer Pathway Genes in HepG2 Cells. Toxics, 2020, 8, 109.	3.7	14
96	Investigation Utilizing the HLB Concept for the Development of Moisturizing Cream and Lotion: In-Vitro Characterization and Stability Evaluation. Cosmetics, 2020, 7, 43.	3.3	14
97	Receptor-Mediated Targeted Delivery of Surface-ModifiedNanomedicine in Breast Cancer: Recent Update and Challenges. Pharmaceutics, 2021, 13, 2039.	4.5	14
98	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
99	Quality by Design Approach for Self Nanoemulsifying System of Paclitaxel. Science of Advanced Materials, 2014, 6, 1778-1791.	0.7	13
100	Use of Î²-galactosidase (lacZ) gene Î±-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
101	Rapid sensing response for phenol with CuO nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 607, 125424.	4.7	12
102	Differential impact of some metal(loid)s on oxidative stress, antioxidant system, sulfur compounds, and protein profile of Indian mustard (Brassica juncea L.). Protoplasma, 2020, 257, 1667-1683.	2.1	12
103	Emerging advances in cationic liposomal cancer nanovaccines: opportunities and challenges. Immunotherapy, 2021, 13, 491-507.	2.0	12
104	Copper Oxide Nanoparticles Exhibit Cell Death Through Oxidative Stress Responses in Human Airway Epithelial Cells: a Mechanistic Study. Biological Trace Element Research, 2022, 200, 5042-5051.	3.5	12
105	Self-Emulsifying Nano Carriers for Improved Oral Bioavailability of Lipophilic Drugs. Reviews in Advanced Sciences and Engineering, 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. Vacuum, 2017, 146, 592-598.	3.5	11
107	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
108	Single and Multi-metal Oxide Nanoparticles Induced Cytotoxicity and ROS Generation in Human Breast Cancer (MCF-7) Cells. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4106-4116.	3.7	11

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109	Anticancer efficacies of persicogenin and homoeriodictyol isolated from Rhus retinorrhoea. Process Biochemistry, 2020, 95, 186-196.	3.7	11
110	Resveratrol loaded self-nanoemulsifying drug delivery system (SNEDDS) for pancreatic cancer: Formulation design, optimization and in vitro evaluation. Journal of Drug Delivery Science and Technology, 2021, 64, 102555.	3.0	11
111	Novel therapeutic interventions for combating Parkinsonâ€™s disease and prospects of Nose-to-Brain drug delivery. Biochemical Pharmacology, 2022, 195, 114849.	4.4	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. Gels, 2021, 7, 276.	4.5	11
113	Emerging trends and promises of nanoemulsions inÂtherapeutics ofÂinfectious diseases. Nanomedicine, 2022, 17, 793-812.	3.3	11
114	Toxicity of Inorganic Nanoparticles Used in Targeted Drug Delivery and Other Biomedical Application: An Updated Account on Concern of Biomedical Nanotoxicology. Journal of Nanoscience and Nanotechnology, 2016, 16, 7873-7897.	0.9	10
115	Development and Evaluation of Repurposed Etoricoxib Loaded Nanoemulsion for Improving Anticancer Activities against Lung Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 13284.	4.1	10
116	MWCNTs functionalization and immobilization with anti-Brucella antibody; towards the development of a nanosensor. Vacuum, 2017, 146, 623-632.	3.5	9
117	Comparative cytotoxicity of dolomite nanoparticles in human larynx HEp2 and liver HepG2 cells. Journal of Applied Toxicology, 2015, 35, 640-650.	2.8	8
118	Effect of Nardostachys jatamansi DC. on Apoptosis, Inflammation and Oxidative Stress Induced by Doxorubicin in Wistar Rats. Plants, 2020, 9, 1579.	3.5	8
119	CoO Thin Nanosheets Exhibit Higher Antimicrobial Activity Against Tested Gram-positive Bacteria Than Gram-negative Bacteria. Korean Chemical Engineering Research, 2015, 53, 565-569.	0.2	8
120	Anti-cancer efficacy of Aloe vera capped hematite nanoparticles in human breast cancer (MCF-7) cells. Journal of Drug Delivery Science and Technology, 2020, 60, 102052.	3.0	8
121	Nanoemulgel as an approach to improve the biopharmaceutical performance of lipophilic drugs: Contemporary research and application. Journal of Drug Delivery Science and Technology, 2022, 72, 103420.	3.0	8
122	Application of multi-dimensional (0D, 1D, 2D) nanostructures for the cytological evaluation of cancer cells and their bacterial response. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 583, 123953.	4.7	7
123	Parthenium hysterophorus steps up Ca-regulatory pathway in defence against highlight intensities. Scientific Reports, 2020, 10, 8934.	3.3	7
124	The development of cobalt oxide nanoparticles based electrode to elucidate the rapid sensing of nitrophenol. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 265, 114994.	3.5	7
125	Repurposed drug against COVID-19: nanomedicine as an approach for finding new hope in old medicines. Nano Express, 2021, 2, 022007.	2.4	6
126	Strontium-Doped Nickel Oxide Nanoparticles: Synthesis, Characterization, and Cytotoxicity Study in Human Lung Cancer A549 Cells. Biological Trace Element Research, 2022, 200, 1598-1607.	3.5	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.	3.5	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.	3.5	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 PCRâ€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.	2.3	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 Enicostema littorale Blume. Current Bioactive Compounds, 2016, 12, 87-92.	0.5	4
134	Design, Characterization, and Antimicrobial Evaluation of Copper Nanoparticles Utilizing Tamarixinin a Ellagitannin from Galls of Tamarix aphylla. Pharmaceuticals, 2022, 15, 216.	3.8	4
135	HPTLC estimation and anticancer potential of Aloe perryi petroleum ether extract (APPeE): A mechanistic study on human breast cancer cells (MDA-MB-231). Journal of King Saud University - Science, 2022, 34, 101968.	3.5	4
136	Proteomics of mercury-induced responses and resilience in plants: a review. Environmental Chemistry Letters, 2022, 20, 3335-3355.	16.2	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.	3.0	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 <scp>rRNA</scp> gene similarity with wellâ€known pathogens found in camel milk samples of Riyadh region. Apmis, 2018, 126, 215-226.	2.0	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.	3.2	3
142	Wheat dwarf India Virus and associated betasatellite infecting wheat in Pakistan. Australasian Plant Disease Notes, 2020, 15, 1.	0.7	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.	0.5	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.	3.5	3

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145	Neodymium oxide nanostructures and their cytotoxic evaluation in human cancer cells. Journal of Trace Elements in Medicine and Biology, 2022, 73, 127029.	3.0	3
146	Nanomedicine Based Drug Targeting in Alzheimerâ€™s Disease: High Impact of Small Carter. , 2014, , 716-739.		2
147	3D Printing Technology in Pharmaceutical Manufacturing and Drug Delivery Application. Current Pharmaceutical Design, 2019, 24, 4947-4948.	1.9	2
148	Formation of composite nanostructures with an effective hydrazine sensor and their chemical approach. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 117, 113851.	2.7	2
149	Cytotoxic and molecular assessment against breast (MCF-7) cancer cells with cobalt oxide nanoballs. Journal of King Saud University - Science, 2021, 33, 101467.	3.5	2
150	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
151	3D printing technique in the development of self-nanoemulsifying drug delivery system: scope and future prospects. Therapeutic Delivery, 2022, 13, 135-139.	2.2	2
152	Pharmacokinetic Analysis of Taxane Through a Validated Ultra-High Performance Liquid Chromatography-Synapt Mass Spectrometry (UHPLC-MS/MS ESI-Q-TOF) Method. Current Bioactive Compounds, 2016, 12, 93-102.	0.5	1
153	Molecular Network of Monoterpene Indole Alkaloids (MIAs) Signaling in Plants with Reference to Catharanthus roseus (L.) G. Don. , 2017, , 37-67.		0