

Azman Seeni

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4158028/publications.pdf>

Version: 2024-02-01

56
papers

3,493
citations

567281

15
h-index

265206

42
g-index

56
all docs

56
docs citations

56
times ranked

5991
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on Zinc Oxide Nanoparticles: Antibacterial Activity and Toxicity Mechanism. Nano-Micro Letters, 2015, 7, 219-242.	27.0	2,782
2	Antibacterial responses of zinc oxide structures against Staphylococcus aureus, Pseudomonas aeruginosa and Streptococcus pyogenes. Ceramics International, 2014, 40, 2993-3001.	4.8	103
3	Protective effects of citrus nobiletin and auraptene in transgenic rats developing adenocarcinoma of the prostate (TRAP) and human prostate carcinoma cells. Cancer Science, 2007, 98, 471-477.	3.9	81
4	Suppression of prostate cancer growth by resveratrol in the transgenic rat for adenocarcinoma of prostate (TRAP) model. Asian Pacific Journal of Cancer Prevention, 2008, 9, 7-14.	1.2	63
5	Suppression of prostate cancer in a transgenic rat model via β -tocopherol activation of caspase signaling. Prostate, 2009, 69, 644-651.	2.3	56
6	<i>Lactobacillus</i> Strains Alleviated Aging Symptoms and Aging-Induced Metabolic Disorders in Aged Rats. Journal of Medicinal Food, 2019, 22, 1-13.	1.5	34
7	Effect of surface modification and UVA photoactivation on antibacterial bioactivity of zinc oxide powder. Applied Surface Science, 2014, 292, 405-412.	6.1	32
8	Therapeutic targeting of angiotensin II receptor type 1 to regulate androgen receptor in prostate cancer. Prostate, 2012, 72, 1559-1572.	2.3	30
9	Preferential cytotoxicity of ZnO nanoparticle towards cervical cancer cells induced by ROS-mediated apoptosis and cell cycle arrest for cancer therapy. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	29
10	Effects of precursor concentrations on the optical and morphological properties of ZnO nanorods on glass substrate for UV photodetector. Superlattices and Microstructures, 2017, 111, 536-545.	3.1	29
11	Bacteriostatic Activity of LLDPE Nanocomposite Embedded with Sol-Gel Synthesized TiO ₂ /ZnO Coupled Oxides at Various Ratios. Polymers, 2018, 10, 878.	4.5	26
12	Bactericidal Capacity of a Heterogeneous TiO ₂ /ZnO Nanocomposite against Multidrug-Resistant and Non-Multidrug-Resistant Bacterial Strains Associated with Nosocomial Infections. ACS Omega, 2020, 5, 12027-12034.	3.5	20
13	In-vitro efficacy of different morphology zinc oxide nanopowders on Streptococcus sobrinus and Streptococcus mutans. Materials Science and Engineering C, 2017, 78, 868-877.	7.3	19
14	Effects of Rapamycin on Cell Apoptosis in MCF-7 Human Breast Cancer Cells. Asian Pacific Journal of Cancer Prevention, 2015, 15, 10659-10663.	1.2	19
15	Effect of Li-TiO ₂ nanoparticles incorporation in LDPE polymer nanocomposites for biocidal activity. Nano Structures Nano Objects, 2019, 19, 100353.	3.5	17
16	Structural morphology and in vitro toxicity studies of nano- and micro-sized zinc oxide structures. Journal of Environmental Chemical Engineering, 2015, 3, 436-444.	6.7	14
17	Surface morphological and mechanical properties of zinc oxide eugenol using different types of ZnO nanopowder. Materials Science and Engineering C, 2019, 100, 645-654.	7.3	12
18	Apoptosis Induction in MV4-11 and K562 Human Leukemic Cells by Pereskia sacharosa (Cactaceae) Leaf Crude Extract. Asian Pacific Journal of Cancer Prevention, 2014, 15, 475-481.	1.2	12

#	ARTICLE	IF	CITATIONS
19	Anticancer activity of grassy <i>Hystrix brachyura</i> bezoar and its mechanisms of action: An in vitro and in vivo based study. <i>Biomedicine and Pharmacotherapy</i> , 2019, 114, 108841.	5.6	8
20	The bactericidal potential of LLDPE with TiO ₂ /ZnO nanocomposites against multidrug resistant pathogens associated with hospital acquired infections. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 1757-1769.	3.5	8
21	FTIR and Elementary Analysis of Trigona Honey, Apis Honey and Adulterated Honey Mixtures. <i>Biomedical and Pharmacology Journal</i> , 2019, 12, 2011-2017.	0.5	8
22	A review of the phytochemistry and medicinal activities of the popular African food additive: <i>Parkia biglobosa</i> seed. <i>Oriental Pharmacy and Experimental Medicine</i> , 2018, 18, 271-279.	1.2	7
23	Using invertebrate model organisms for neuroscience research and training: an opportunity for Africa. <i>Metabolic Brain Disease</i> , 2018, 33, 1431-1441.	2.9	7
24	Potential colorimetric detection of cancer cells using Phenol Red. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 380-384.	2.6	7
25	<i>In vitro</i> bio-interaction responses and hemocompatibility of nano-based linear low-density polyethylene polymer embedded with heterogeneous TiO ₂ /ZnO nanocomposites for biomedical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 1301-1311.	3.5	7
26	One-Step Synthesis of Stable Colloidal Gold Nanoparticles Through Bioconjugation with Bovine Serum Albumin in Harsh Environments. <i>Journal of Cluster Science</i> , 2017, 28, 3193-3207.	3.3	6
27	Advancing Neuroscience Research in Africa: Invertebrate Species to the Rescue. <i>Neuroscience</i> , 2018, 374, 323-325.	2.3	5
28	Determination toxic effects of <i>Hystrix Brachyura</i> Bezoar extracts using cancer cell lines and embryo zebrafish (<i>Danio rerio</i>) models and identification of active principles through GC-MS analysis. <i>Journal of Ethnopharmacology</i> , 2020, 262, 113138.	4.1	5
29	The phytochemical analysis and pharmacological potentials of husk and straw as paddy waste products. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 4347-4352.	3.5	5
30	A synthetic hydrazone derivative acts as an apoptotic inducer with chemopreventive activity on a tongue cancer cell line. <i>Asian Pacific Journal of Cancer Prevention</i> , 2011, 12, 259-63.	1.2	5
31	Integration of near-infrared spectroscopy and aquaphotomics for discrimination of cultured cancerous cells using phenol red. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2022, 227, 104611.	3.5	5
32	Hypertension is positively associated with prostate cancer development in the TRAP transgenic rat model. <i>Pathology International</i> , 2011, 61, 202-209.	1.3	4
33	Cytotoxicity determination of nano-zinc oxide eugenol on human gingival fibroblast cells. <i>Materials Chemistry and Physics</i> , 2021, 268, 124649.	4.0	4
34	Apoptosis Inducer from <i>Streblus asper</i> Extracts for Cancer Chemoprevention. , 2012, , 1-25.		3
35	Structural morphology of zinc oxide structures with antibacterial application of calamine lotion. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	3
36	VIS-NIR spectral signature and quantitative analysis of HeLa and DU145 cell line. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117241.	3.9	3

#	ARTICLE	IF	CITATIONS
37	Chemical Sensing Performance of Flower-Like ZnO/PSi Nanostructures via Electrochemical Impedance Spectroscopy Technique. Journal of Electronic Materials, 2019, 48, 1604-1611.	2.2	3
38	Investigation of antiproliferative mechanisms of Alstonia angustiloba-silver nanoparticles in skin squamous cell carcinoma (A431 cell line). Journal of Molecular Structure, 2022, 1250, 131814.	3.6	3
39	Cytotoxicity evaluation of ZnO-eugenol (ZOE) using different ZnO structure on human gingival fibroblast. AIP Conference Proceedings, 2017, , .	0.4	2
40	Proteomic Analysis of Anti-Cancer Effects of Streblus Asper Extract on HeLa Cancer Cells. Biomedical and Pharmacology Journal, 2019, 12, 1263-1277.	0.5	2
41	Optical Properties and Antibacterial Bioactivity of ZnO Nanopowder Annealed in Different Ambient. Advanced Materials Research, 2012, 626, 324-328.	0.3	1
42	Physico-chemical characteristics of ZnO nanoparticles-based discs and toxic effect on human cervical cancer HeLa cells. , 2014, , .		1
43	The influence of additional water content towards the spectroscopy and physicochemical properties of genus Apis and stingless bee honey. , 2016, , .		1
44	Abstract 203: Pseudosemiglabrin inhibits tumor angiogenesis and tumor growth of human colon cancer in xenograft mouse models by downregulating endothelial functions, Notch and VEGF pathways. Cancer Research, 2019, 79, 203-203.	0.9	1
45	Induction of Apoptotic Mechanism by Streblus Asper Root Extract on Cervical Cancer Using in Vitro and in Vivo Models. Biomedical and Pharmacology Journal, 2019, 12, 1661-1673.	0.5	1
46	Enhanced Photoconductivity and Antibacterial Response of Rubber-Grade ZnO upon UVA Illumination. Advanced Materials Research, 0, 925, 33-37.	0.3	0
47	In-vitro antibacterial study of zinc oxide nanostructures on Streptococcus sobrinus. , 2014, , .		0
48	In vitro cytotoxicity tests of ZnO α -Bi 2 O 3 α -Mn 2 O 3 -based varistor fabricated from ZnO micro and nanoparticle powders on L929 mouse cells. , 2014, , .		0
49	Study of laser intensity on gold nano-particles preparation in a harsh environment. , 2016, , .		0
50	Nigeria's new GDP means scientists suffer. Science, 2018, 359, 1111-1111.	12.6	0
51	Ex-situ Generation of the Gold Nanowire Networks Bovine Serum Albumin Bio-Conjugated System Using Pulsed Laser Ablation in a Harsh Environment. Journal of Physics: Conference Series, 2018, 1083, 012011.	0.4	0
52	Characterization and <i>In Vitro </i>Toxicity of French Process Zinc Oxide Nanoparticles with High Surficial Zinc. Solid State Phenomena, 2019, 290, 274-279.	0.3	0
53	Non-toxic TCaPs modulate osteogenesis via differential protein and gene expression in human osteoblast cells. Materials Today: Proceedings, 2019, 16, 1846-1855.	1.8	0
54	Cytotoxicity of Pharma Grade ZnO with Higher Surficial Oxygen on L929 Mouse Cell. Solid State Phenomena, 0, 290, 286-291.	0.3	0

#	ARTICLE	IF	CITATIONS
55	Nephelium lappaceum rind as a new chemopreventive agent: Arresting the cell cycle at G2/M and promoting apoptotic cell death in vitro on osteosarcoma cell lines. International Journal of Medical Toxicology and Legal Medicine, 2019, 22, 6.	0.1	0
56	Changes in the Protein Profile of Cervical Cancer Mice Xenograft Model in Response to Streblus asper Treatment. Journal of Natural Remedies, 2020, 20, 149-165.	0.3	0