

# 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	Investigation of antiproliferative mechanisms of <i>Alstonia angustiloba</i> -silver nanoparticles in skin squamous cell carcinoma (A431 cell line). <i>Journal of Molecular Structure</i> , 2022, 1250, 131814.	3.6	3
2	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
3	<i>In vitro</i> bio-interaction responses and hemocompatibility of nano-based linear low-density polyethylene polymer embedded with heterogeneous TiO <sub>2</sub> /ZnO nanocomposites for biomedical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 1301-1311.	3.5	7
4	Cytotoxicity determination of nano-zinc oxide eugenol on human gingival fibroblast cells. <i>Materials Chemistry and Physics</i> , 2021, 268, 124649.	4.0	4
5	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
6	The bactericidal potential of LLDPE with TiO <sub>2</sub> /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
7	Bactericidal Capacity of a Heterogeneous TiO <sub>2</sub> /ZnO Nanocomposite against Multidrug-Resistant and Non-Multidrug-Resistant Bacterial Strains Associated with Nosocomial Infections. <i>ACS Omega</i> , 2020, 5, 12027-12034.	3.5	20
8	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
9	Changes in the Protein Profile of Cervical Cancer Mice Xenograft Model in Response to <i>Streblus asper</i> Treatment. <i>Journal of Natural Remedies</i> , 2020, 20, 149-165.	0.3	0
10	Effect of Li-TiO <sub>2</sub> nanoparticles incorporation in LDPE polymer nanocomposites for biocidal activity. <i>Nano Structures Nano Objects</i> , 2019, 19, 100359.	3.5	17
11	Potential colorimetric detection of cancer cells using Phenol Red. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 380-384.	2.6	7
12	Characterization and <i>In Vitro</i> Toxicity of French Process Zinc Oxide Nanoparticles with High Surficial Zinc. <i>Solid State Phenomena</i> , 2019, 290, 274-279.	0.3	0
13	Non-toxic TCaPs modulate osteogenesis via differential protein and gene expression in human osteoblast cells. <i>Materials Today: Proceedings</i> , 2019, 16, 1846-1855.	1.8	0
14	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
15	Surface morphological and mechanical properties of zinc oxide eugenol using different types of ZnO nanopowder. <i>Materials Science and Engineering C</i> , 2019, 100, 645-654.	7.3	12
16	Anticancer activity of grassy <i>Hystrix brachyura</i> bezoar and its mechanisms of action: An <i>in vitro</i> and <i>in vivo</i> based study. <i>Biomedicine and Pharmacotherapy</i> , 2019, 114, 108841.	5.6	8
17	<i>Lactobacillus</i> Strains Alleviated Aging Symptoms and Aging-Induced Metabolic Disorders in Aged Rats. <i>Journal of Medicinal Food</i> , 2019, 22, 1-13.	1.5	34
18	Chemical Sensing Performance of Flower-Like ZnO/PSi Nanostructures via Electrochemical Impedance Spectroscopy Technique. <i>Journal of Electronic Materials</i> , 2019, 48, 1604-1611.	2.2	3

#	ARTICLE	IF	CITATIONS
19	FTIR and Elementary Analysis of Trigona Honey, Apis Honey and Adulterated Honey Mixtures. Biomedical and Pharmacology Journal, 2019, 12, 2011-2017.	0.5	8
20	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
21	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
22	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
23	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
24	Nigeria's new GDP means scientists suffer. Science, 2018, 359, 1111-1111.	12.6	0
25	Advancing Neuroscience Research in Africa: Invertebrate Species to the Rescue. Neuroscience, 2018, 374, 323-325.	2.3	5
26	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
27	A review of the phytochemistry and medicinal activities of the popular African food additive: Parkia biglobosa seed. Oriental Pharmacy and Experimental Medicine, 2018, 18, 271-279.	1.2	7
28	Bacteriostatic Activity of LLDPE Nanocomposite Embedded with Sol-gel Synthesized TiO <sub>2</sub> /ZnO Coupled Oxides at Various Ratios. Polymers, 2018, 10, 878.	4.5	26
29	Using invertebrate model organisms for neuroscience research and training: an opportunity for Africa. Metabolic Brain Disease, 2018, 33, 1431-1441.	2.9	7
30	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
31	One-Step Synthesis of Stable Colloidal Gold Nanoparticles Through Bioconjugation with Bovine Serum Albumin in Harsh Environments. Journal of Cluster Science, 2017, 28, 3193-3207.	3.3	6
32	Cytotoxicity evaluation of ZnO-eugenol (ZOE) using different ZnO structure on human gingival fibroblast. AIP Conference Proceedings, 2017, , .	0.4	2
33	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
34	The influence of additional water content towards the spectroscopy and physicochemical properties of genus Apis and stingless bee honey. , 2016, , .		1
35	Study of laser intensity on gold nano-particles preparation in a harsh environment. , 2016, , .		0
36	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

#	ARTICLE	IF	CITATIONS
37	Structural morphology of zinc oxide structures with antibacterial application of calamine lotion. AIP Conference Proceedings, 2015, , .	0.4	3
38	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
39	Review on Zinc Oxide Nanoparticles: Antibacterial Activity and Toxicity Mechanism. Nano-Micro Letters, 2015, 7, 219-242.	27.0	2,782
40	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
41	Effect of surface modification and UVA photoactivation on antibacterial bioactivity of zinc oxide powder. Applied Surface Science, 2014, 292, 405-412.	6.1	32
42	Antibacterial responses of zinc oxide structures against Staphylococcus aureus, Pseudomonas aeruginosa and Streptococcus pyogenes. Ceramics International, 2014, 40, 2993-3001.	4.8	103
43	Physico-chemical characteristics of ZnO nanoparticles-based discs and toxic effect on human cervical cancer HeLa cells. , 2014, , .		1
44	In-vitro antibacterial study of zinc oxide nanostructures on Streptococcus sobrinus. , 2014, , .		0
45	In vitro cytotoxicity tests of ZnOâ€Bi2O3â€Mn2O3-based varistor fabricated from ZnO micro and nanoparticle powders on L929 mouse cells. , 2014, , .		0
46	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
47	Optical Properties and Antibacterial Bioactivity of ZnO Nanopowder Annealed in Different Ambient. Advanced Materials Research, 2012, 626, 324-328.	0.3	1
48	Apoptosis Inducer from Streblus asper Extracts for Cancer Chemoprevention. , 2012, , 1-25.		3
49	Therapeutic targeting of angiotensin II receptor type 1 to regulate androgen receptor in prostate cancer. Prostate, 2012, 72, 1559-1572.	2.3	30
50	Hypertension is positively associated with prostate cancer development in the TRAP transgenic rat model. Pathology International, 2011, 61, 202-209.	1.3	4
51	A synthetic hydrazone derivative acts as an apoptotic inducer with chemopreventive activity on a tongue cancer cell line. Asian Pacific Journal of Cancer Prevention, 2011, 12, 259-63.	1.2	5
52	Suppression of prostate cancer in a transgenic rat model via Î³-tocopherol activation of caspase signaling. Prostate, 2009, 69, 644-651.	2.3	56
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	Enhanced Photoconductivity and Antibacterial Response of Rubber-Grade ZnO upon UVA Illumination. <i>Advanced Materials Research</i> , 0, 925, 33-37.	0.3	0
56	Cytotoxicity of Pharma Grade ZnO with Higher Surficial Oxygen on L929 Mouse Cell. <i>Solid State Phenomena</i> , 0, 290, 286-291.	0.3	0