

# Admire Dube

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91  
papers

1,573  
citations

19  
h-index

35  
g-index

100  
ext. papers

2,080  
ext. citations

4.5  
avg, IF

5.28  
L-index

#	Paper	IF	Citations
91	Chitosan nanoparticles enhance the intestinal absorption of the green tea catechins (+)-catechin and (-)-epigallocatechin gallate. <i>European Journal of Pharmaceutical Sciences</i> , <b>2010</b> , 41, 219-25	5.1	204
90	Effective use of reducing agents and nanoparticle encapsulation in stabilizing catechins in alkaline solution. <i>Food Chemistry</i> , <b>2010</b> , 122, 662-667	8.5	147
89	Chitosan nanoparticles enhance the plasma exposure of (-)-epigallocatechin gallate in mice through an enhancement in intestinal stability. <i>European Journal of Pharmaceutical Sciences</i> , <b>2011</b> , 44, 422-6	5.1	114
88	Nanomedicine: Past, present and future - A global perspective. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 468, 511-7	3.4	94
87	Multimodal nanoparticles that provide immunomodulation and intracellular drug delivery for infectious diseases. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2014</b> , 10, 831-8	6	58
86	Indium Phosphide-Based Semiconductor Nanocrystals and Their Applications. <i>Journal of Nanomaterials</i> , <b>2012</b> , 2012, 1-11	3.2	50
85	Enhanced Antimicrobial and Anticancer Activity of Silver and Gold Nanoparticles Synthesised Using Sargassum incisifolium Aqueous Extracts. <i>Molecules</i> , <b>2016</b> , 21,	4.8	45
84	Inhibition of Bacteria Associated with Wound Infection by Biocompatible Green Synthesized Gold Nanoparticles from South African Plant Extracts. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	31
83	New Palladium(II) and Platinum(II) Complexes Based on Pyrrole Schiff Bases: Synthesis, Characterization, X-ray Structure, and Anticancer Activity. <i>ACS Omega</i> , <b>2020</b> , 5, 14942-14954	3.9	28
82	Large Scale Screening of Southern African Plant Extracts for the Green Synthesis of Gold Nanoparticles Using Microtitre-Plate Method. <i>Molecules</i> , <b>2016</b> , 21,	4.8	28
81	Enhanced Anti-Bacterial Activity Of Biogenic Silver Nanoparticles Synthesized From Extracts. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 9031-9046	7.3	26
80	Targeted delivery using peptide-functionalised gold nanoparticles to white adipose tissues of obese rats. <i>Journal of Nanoparticle Research</i> , <b>2015</b> , 17, 1	2.3	25
79	State of the art and future directions in nanomedicine for tuberculosis. <i>Expert Opinion on Drug Delivery</i> , <b>2013</b> , 10, 1725-34	8	23
78	The In Vitro Immunomodulatory Effects Of Gold Nanoparticles Synthesized From Aqueous Extract And Hypoxoside On Macrophage And Natural Killer Cells. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 9007-9018	7.3	23
77	Trinuclear Half-Sandwich Rull, RhIII and IrIII Polyester Organometallic Complexes: Synthesis and in vitro Evaluation as Antitumor Agents. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1433-1444	2.3	21
76	A low-cost flow cytometric assay for the detection and quantification of apoptosis using an anionic halogenated fluorescein dye. <i>BioTechniques</i> , <b>2008</b> , 45, 317-20	2.5	21
75	Nanotechnology advances towards development of targeted-treatment for obesity. <i>Journal of Nanobiotechnology</i> , <b>2019</b> , 17, 122	9.4	21

74	Curdlan-Conjugated PLGA Nanoparticles Possess Macrophage Stimulant Activity and Drug Delivery Capabilities. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 2713-26	4.5	20
73	Influence of PEGylation on PLGA nanoparticle properties, hydrophobic drug release and interactions with human serum albumin. <i>Journal of Pharmacy and Pharmacology</i> , <b>2019</b> , 71, 1497-1507	4.8	19
72	Preparation and Evaluation of Pralidoxime-Loaded PLGA Nanoparticles as Potential Carriers of the Drug across the Blood Brain Barrier. <i>Journal of Nanomaterials</i> , <b>2015</b> , 2015, 1-5	3.2	18
71	The Antimicrobial and Anti-Inflammatory Effects of Silver Nanoparticles Synthesised from Aqueous Extract. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	18
70	Green Synthesis of Metallic Nanoparticles Using Some Selected Medicinal Plants from Southern Africa and Their Biological Applications. <i>Plants</i> , <b>2021</b> , 10,	4.5	17
69	Oral lipid-based nanoformulation of tafenoquine enhanced bioavailability and blood stage antimalarial efficacy and led to a reduction in human red blood cell loss in mice. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 1493-503	7.3	16
68	Encapsulation of Variabilin in Stearic Acid Solid Lipid Nanoparticles Enhances Its Anticancer Activity in Vitro. <i>Molecules</i> , <b>2020</b> , 25,	4.8	15
67	Functionalization of PLGA Nanoparticles with 1,3-βglucan Enhances the Intracellular Pharmacokinetics of Rifampicin in Macrophages. <i>Pharmaceutical Research</i> , <b>2018</b> , 35, 111	4.5	15
66	Peptide-functionalized quantum dots for potential applications in the imaging and treatment of obesity. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 2551-2559	7.3	15
65	Assessment of plasma concentrations of (-)-epigallocatechin gallate in mice following administration of a dose reflecting consumption of a standard green tea beverage. <i>Food Chemistry</i> , <b>2011</b> , 128, 7-13	8.5	14
64	Synthesis of Biogenic Gold Nanoparticles from Extracts and the Evaluation of Their In Vitro Cytotoxic Effects in Cancer Cells. <i>Molecules</i> , <b>2020</b> , 25,	4.8	14
63	Understanding the epidemiology, pathophysiology, diagnosis and management of SARS-CoV-2. <i>Journal of International Medical Research</i> , <b>2020</b> , 48, 300060520949077	1.4	14
62	Green synthesis of gold nanoparticles using Acai berry and Elderberry extracts and investigation of their effect on prostate and pancreatic cancer cells. <i>Nanobiomedicine</i> , <b>2021</b> , 8, 1849543521995310	4.8	14
61	Deciphering the interaction of puerarin with cancer macromolecules: An investigation. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 1-12	3.6	13
60	Mycobacterium Tuberculosis and Interactions with the Host Immune System: Opportunities for Nanoparticle Based Immunotherapeutics and Vaccines. <i>Pharmaceutical Research</i> , <b>2018</b> , 36, 8	4.5	13
59	Evaluating the cytotoxic effects of novel quinone compounds. <i>Anticancer Research</i> , <b>2014</b> , 34, 4077-86	2.3	13
58	Comparative in vitro transportation of pentamidine across the blood-brain barrier using polycaprolactone nanoparticles and phosphatidylcholine liposomes. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2019</b> , 47, 1428-1436	6.1	12
57	The Macrophage Response to and Opportunities for Autophagy Inducing Nanomedicines for Tuberculosis Therapy. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 618414	5.9	12

56	Formulation and characterization of a paediatric nanoemulsion dosage form with modified oral drug delivery system for improved dissolution rate of nevirapine. <i>MRS Advances</i> , <b>2018</b> , 3, 2203-2219	0.7	11
55	Advances in Nanotechnology towards Development of Silver Nanoparticle-Based Wound-Healing Agents. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	11
54	Antibacterial activity of biogenic silver and gold nanoparticles synthesized from <i>Salvia africana-lutea</i> and <i>Sutherlandia frutescens</i> . <i>Nanotechnology</i> , <b>2020</b> , 31, 505607	3.4	11
53	Computational insight of dexamethasone against potential targets of SARS-CoV-2. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 1-11	3.6	11
52	Pleiocarpa pycnantha leaves and its triterpenes induce apoptotic cell death in Caco-2 cells in vitro. <i>BMC Complementary and Alternative Medicine</i> , <b>2015</b> , 15, 224	4.7	10
51	Gene Expression Alterations and Molecular Analysis of CHEK1 in Solid Tumors. <i>Cancers</i> , <b>2020</b> , 12,	6.6	10
50	Heteroditopic P,N ligands in gold(I) complexes: synthesis, structure and cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , <b>2015</b> , 145, 108-20	4.2	10
49	Inhibitory potential of repurposed drugs against the SARS-CoV-2 main protease: a computational-aided approach. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 1-13	3.6	10
48	Antibacterial Activity of Rationally Designed Antimicrobial Peptides. <i>International Journal of Microbiology</i> , <b>2020</b> , 2020, 2131535	3.6	10
47	Synthesis, characterization and anticancer activity of new 2-acetyl-5-methyl thiophene and cinnamaldehyde thiosemicarbazones and their palladium(II) complexes. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 515, 120036	2.7	10
46	Vascular targeted nanotherapeutic approach for obesity treatment. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 7915-7929	7.3	10
45	Polymeric Micellar Formulation Enhances Antimicrobial and Anticancer Properties of Salinomycin. <i>Pharmaceutical Research</i> , <b>2019</b> , 36, 83	4.5	9
44	Peptide-functionalized nanoparticles for the selective induction of apoptosis in target cells. <i>Nanomedicine</i> , <b>2017</b> , 12, 1631-1645	5.6	9
43	Establishment of the African Medicines Agency: progress, challenges and regulatory readiness. <i>Journal of Pharmaceutical Policy and Practice</i> , <b>2021</b> , 14, 29	3.2	9
42	Gold Nanoparticles Synthesized Using Extracts of , Commonly Known as Honeybush, Amplify the Cytotoxic Effects of Doxorubicin. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	9
41	Molecular Application of Aptamers in the Diagnosis and Treatment of Cancer and Communicable Diseases. <i>Pharmaceuticals</i> , <b>2018</b> , 11,	5.2	9
40	Multifunctional Gold Nanoparticles for Improved Diagnostic and Therapeutic Applications: A Review. <i>Nanoscale Research Letters</i> , <b>2021</b> , 16, 174	5	9
39	The nanomedicine landscape of South Africa. <i>Nanotechnology Reviews</i> , <b>2017</b> , 6, 339-344	6.3	8

38	An unusual 2,3-secotaraxerene and other cytotoxic triterpenoids from <i>Pleiocarpa pycnantha</i> (Apocynaceae) leaves collected from Nigeria. <i>Molecules</i> , <b>2014</b> , 19, 3389-400	4.8	8
37	Immunoinformatics design of a novel epitope-based vaccine candidate against dengue virus. <i>Scientific Reports</i> , <b>2021</b> , 11, 19707	4.9	8
36	Recent Advances in the Development of Antimicrobial and Antifouling Biocompatible Materials for Dental Applications. <i>Materials</i> , <b>2021</b> , 14,	3.5	8
35	Curdlan-Chitosan Electrospun Fibers as Potential Scaffolds for Bone Regeneration. <i>Polymers</i> , <b>2021</b> , 13,	4.5	8
34	New polyhydroxylated sterols from <i>Palythoa tuberculosa</i> and their apoptotic activity in cancer cells. <i>Steroids</i> , <b>2015</b> , 101, 110-5	2.8	7
33	In Vitro Antidiabetic and Antioxidant Effects of Different Extracts of and Its Indole Alkaloid, Vindoline. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7
32	Development of Effective Therapeutic Molecule from Natural Sources against Coronavirus Protease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	7
31	The cytotoxicity studies of water-soluble InP/ZnSe quantum dots. <i>Journal of Nanoparticle Research</i> , <b>2016</b> , 18, 1	2.3	6
30	Plant Extract-Synthesized Silver Nanoparticles for Application in Dental Therapy.. <i>Pharmaceutics</i> , <b>2022</b> , 14,	6.4	6
29	Macrophage Targeted Nanoparticles for Antiretroviral (ARV) Delivery <b>2015</b> , 1, 40-48		6
28	Synthesis, physicochemical characterization, toxicity and efficacy of a PEG conjugate and a hybrid PEG conjugate nanoparticle formulation of the antibiotic moxifloxacin.. <i>RSC Advances</i> , <b>2020</b> , 10, 19770-19780	3.7	5
27	Comparative whole corona fingerprinting and protein adsorption thermodynamics of PLGA and PCL nanoparticles in human serum. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , 188, 110816	6	5
26	Synthesis, optical and morphological characterization of doped InP/ZnSe NCs. <i>Physica B: Condensed Matter</i> , <b>2014</b> , 439, 189-192	2.8	5
25	Apoptosis in Cancer Cells Is Induced by Alternative Splicing of hnRNPA2/B1 Through Splicing of Bcl-x, a Mechanism that Can Be Stimulated by an Extract of the South African Medicinal Plant,. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 547392	5.3	5
24	The antimicrobial activity of biogenic silver nanoparticles synthesized from extracts of Red and Green European pear cultivars. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2021</b> , 49, 614-625	6.1	5
23	MicroRNA-based regulation of Aurora A kinase in breast cancer. <i>Oncotarget</i> , <b>2020</b> , 11, 4306-4324	3.3	4
22	Wound Healing Activities and Potential of Selected African Medicinal Plants and Their Synthesized Biogenic Nanoparticles.. <i>Plants</i> , <b>2021</b> , 10,	4.5	4
21	Nanotechnology-Based Delivery Systems for Antimicrobial Peptides. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	4

20	Role of E-conjugation on the coordination behaviour, substitution kinetics, DNA/BSA interactions, and cytotoxicity of carboxamide palladium(II) complexes. <i>Dalton Transactions</i> , <b>2021</b> , 50, 8127-8143	4.3	4
19	Expression of cyclin-dependent kinases and their clinical significance with immune infiltrates could predict prognosis in colorectal cancer. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , <b>2021</b> , 29, e0060253	5.3	3
18	anti-oxidant and cytotoxic activities of gold nanoparticles synthesized from an aqueous extract of the fruit. <i>Nanotechnology</i> , <b>2021</b> , 32,	3.4	3
17	Physicochemical and Biological Evaluation of Curdlan-Poly(Lactic-Co-Glycolic Acid) Nanoparticles as a Host-Directed Therapy Against Mycobacterium Tuberculosis. <i>Journal of Pharmaceutical Sciences</i> , <b>2021</b> ,	3.9	3
16	Cathelicidins and defensins antimicrobial host defense peptides in the treatment of TB and HIV: Pharmacogenomic and nanomedicine approaches towards improved therapeutic outcomes. <i>Biomedicine and Pharmacotherapy</i> , <b>2022</b> , 151, 113189	7.5	3
15	An Insight into the Mechanism of Holamine- and Funtumine-Induced Cell Death in Cancer Cells. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
14	Nanotechnology-Based Strategies for Effective and Rapid Detection of SARS-CoV-2.. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
13	Phenolic content, antioxidant, cytotoxic and antiproliferative effects of fractions of (L.) verdc from Mpumalanga, South Africa.. <i>Heliyon</i> , <b>2021</b> , 7, e08397	3.6	2
12	Mentored postdoctoral training in Zimbabwe: A report on a successful collaborative effort. <i>Journal of Public Health in Africa</i> , <b>2019</b> , 10, 1081	1	2
11	Synthesis, computational and biological studies of alkyltin(IV) -methyl--hydroxyethyl dithiocarbamate complexes. <i>Heliyon</i> , <b>2021</b> , 7, e07693	3.6	2
10	Aqueous soluble gold nanoparticle synthesis using polyethyleneimine and reduced glutathione. <i>International Journal of Materials Research</i> , <b>2014</b> , 105, 1025-1039	0.5	1
9	A Perspective on Nanotechnology and COVID-19 Vaccine Research and Production in South Africa. <i>Viruses</i> , <b>2021</b> , 13,	6.2	1
8	Synthesis, Characterization, and DNA-Binding Kinetics of New Pd(II) and Pt(II) Thiosemicarbazone Complexes: Spectral, Structural, and Anticancer Evaluation. <i>Journal of Chemistry</i> , <b>2020</b> , 2020, 1-17	2.3	1
7	Modulation of Innate Immune Responses Using Nanoparticles for Infectious Disease Therapy. <i>Current Bionanotechnology</i> , <b>2016</b> , 2, 60-65		1
6	Cytotoxic and Apoptotic Induction Potential of Extracts from Fermented Thunb. Seeds on Cervical and Liver Cancer Cells. <i>Journal of Dietary Supplements</i> , <b>2021</b> , 18, 132-146	2.3	1
5	Computational Prediction of Potential Drug-like Compounds from Cannabis sativa Leaf Extracts Targeted towards Alzheimer Therapy. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 119393	6	1
4	Bioinformatics Prediction and Analysis of MicroRNAs and Their Targets as Biomarkers for Prostate Cancer: A Preliminary Study. <i>Molecular Biotechnology</i> , <b>2021</b> , 64, 401	3	0
3	Hybrid Curdlan Poly(E-Glutamic Acid) Nanoassembly for Immune Modulation in Macrophage. <i>Macromolecular Bioscience</i> , <b>2021</b> , 21, e2000358	5.5	0

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|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|
| 2 | Medicines Regulatory Science Expertise in Africa: Workforce Capacity Development and Harmonisation Activities Towards the Establishment of the African Medicines Agency.. <i>Pharmaceutical Medicine</i> , <b>2022</b> , 1 | 2.3 | 0 |
| 1 | Differentially expressed serum proteins from obese Wistar rats as a risk factor for obesity-induced diseases. <i>Scientific Reports</i> , <b>2020</b> , 10, 12415                                                          | 4.9 |   |