

Anil A Chuturgoon

List of Publications by Year in descending order

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162
papers

3,242
citations

172207

29
h-index

233125

45
g-index

165
all docs

165
docs citations

165
times ranked

4826
citing authors

#	ARTICLE	IF	CITATIONS
1	The antiproliferative effect of <i>Moringa oleifera</i> crude aqueous leaf extract on cancerous human alveolar epithelial cells. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 226.	3.7	115
2	miR-146a Polymorphism Influences Levels of miR-146a, IRAK-1, and TRAF-6 in Young Patients with Coronary Artery Disease. <i>Cell Biochemistry and Biophysics</i> , 2014, 68, 259-266.	0.9	107
3	Silver nanoparticles of <i>Albizia adianthifolia</i> : the induction of apoptosis in human lung carcinoma cell line. <i>Journal of Nanobiotechnology</i> , 2013, 11, 5.	4.2	96
4	Bio-Synthesis of Silver Nanoparticles Using Agroforestry Residue and Their Catalytic Degradation for Sustainable Waste Management. <i>Journal of Cluster Science</i> , 2017, 28, 2279-2291.	1.7	92
5	<i>Moringa oleifera</i> and their phytonanoparticles: Potential antiproliferative agents against cancer. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 457-466.	2.5	74
6	<i>Moringa oleifera</i> Gold Nanoparticles Modulate Oncogenes, Tumor Suppressor Genes, and Caspase-9 Splice Variants in A549 Cells. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2302-2314.	1.2	72
7	Cytotoxicity of fumonisin B1, diethylnitrosamine, and catechol on the SNO esophageal cancer cell line.. <i>Environmental Health Perspectives</i> , 2002, 110, 813-815.	2.8	67
8	The Regulatory Role of MicroRNA in Hepatitis-B Virus-Associated Hepatocellular Carcinoma (HBV-HCC) Pathogenesis. <i>Cells</i> , 2019, 8, 1504.	1.8	63
9	Fumonisin B1 induces global DNA hypomethylation in HepG2 cells – An alternative mechanism of action. <i>Toxicology</i> , 2014, 315, 65-69.	2.0	62
10	<i>Mycobacterium tuberculosis</i> : Manipulator of Protective Immunity. <i>International Journal of Molecular Sciences</i> , 2016, 17, 131.	1.8	60
11	Phytonanotherapy for management of diabetes using green synthesis nanoparticles. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 626-639.	1.7	58
12	Fumonisin B1 modulates expression of human cytochrome P450 1b1 in human hepatoma (Hepg2) cells by repressing Mir-27b. <i>Toxicology Letters</i> , 2014, 227, 50-55.	0.4	52
13	The Quantitative Analysis of Zearalenone and Its Derivatives in Plasma of Patients with Breast and Cervical Cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 946-51.	1.4	50
14	Contamination with storage fungi of human food from Cameroon. <i>International Journal of Food Microbiology</i> , 2009, 135, 193-198.	2.1	48
15	<i>Sclerocarya birrea</i> [(A. Rich.) Hochst.] [Anacardiaceae] stem-bark ethanolic extract (SBE) modulates blood glucose, glomerular filtration rate (GFR) and mean arterial blood pressure (MAP) of STZ-induced diabetic rats. <i>Phytomedicine</i> , 2008, 15, 699-709.	2.3	47
16	Erythritol reduces small intestinal glucose absorption, increases muscle glucose uptake, improves glucose metabolic enzymes activities and increases expression of Glut-4 and IRS-1 in type 2 diabetic rats. <i>European Journal of Nutrition</i> , 2018, 57, 2431-2444.	1.8	46
17	Fumonisin B1-induced oxidative stress triggers Nrf2-mediated antioxidant response in human hepatocellular carcinoma (HepG2) cells. <i>Mycotoxin Research</i> , 2019, 35, 99-109.	1.3	45
18	Pro-Inflammatory Cytokine Levels in HIV Infected and Uninfected Pregnant Women with and without Preeclampsia. <i>PLoS ONE</i> , 2017, 12, e0170063.	1.1	44

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19	Mitochondrial and Oxidative Stress Response in HepG2 Cells Following Acute and Prolonged Exposure to Antiretroviral Drugs. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1939-1946.	1.2	43
20	The Antiproliferative Effect of <i>Moringa oleifera</i> Crude Aqueous Leaf Extract on Human Esophageal Cancer Cells. <i>Journal of Medicinal Food</i> , 2016, 19, 398-403.	0.8	42
21	Evaluation of a 4th generation rapid HIV test for earlier and reliable detection of HIV infection in pregnancy. <i>Journal of Clinical Virology</i> , 2012, 54, 180-184.	1.6	39
22	Prolonged exercise does not cause lymphocyte DNA damage or increased apoptosis in well-trained endurance athletes. <i>European Journal of Applied Physiology</i> , 2006, 98, 124-131.	1.2	38
23	Telomeres and atherosclerosis : review article. <i>Cardiovascular Journal of Africa</i> , 2012, 23, 563-571.	0.2	38
24	The Phytoalexin Resveratrol Ameliorates Ochratoxin A Toxicity in Human Embryonic Kidney (HEK293) Cells. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2947-2955.	1.2	35
25	Review on the Use of Kojic Acid – A Skin-Lightening Ingredient. <i>Cosmetics</i> , 2022, 9, 64.	1.5	35
26	The preparation of an enzyme associated with aflatoxin biosynthesis by affinity chromatography. <i>Biochemical and Biophysical Research Communications</i> , 1990, 166, 38-42.	1.0	34
27	Fusaric acid induces mitochondrial stress in human hepatocellular carcinoma (HepG2) cells. <i>Toxicon</i> , 2016, 119, 336-344.	0.8	34
28	Effects of <i>Ficus thonningii</i> (Blume) [Moraceae] Stem-Bark Ethanol Extract on Blood Glucose, Cardiovascular and Kidney Functions of Rats, and on Kidney Cell Lines of the Proximal (LLC-PK1) and Distal Tubules (MDBK). <i>Renal Failure</i> , 2007, 29, 389-397.	0.8	33
29	The protective effect of metformin on mitochondrial dysfunction and endoplasmic reticulum stress in diabetic mice brain. <i>European Journal of Pharmacology</i> , 2020, 875, 173059.	1.7	33
30	Exposure of rural and urban populations in KwaZulu Natal, South Africa, to fumonisin B(1) in maize.. <i>Environmental Health Perspectives</i> , 2001, 109, 253-256.	2.8	31
31	Mitochondrial depolarisation and oxidative stress in rheumatoid arthritis patients. <i>Clinical Biochemistry</i> , 2008, 41, 1396-1401.	0.8	31
32	Fumonisin B1 induces oxidative stress in oesophageal (SNO) cancer cells. <i>Toxicon</i> , 2018, 141, 104-111.	0.8	31
33	<i>N</i> -Trifluoromethylthiolated Sulfonimidamides and Sulfoximines: Anti-microbial, Anti-mycobacterial, and Cytotoxic Activity. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 1457-1461.	1.3	31
34	Investigating Organ Toxicity Profile of Tenofovir and Tenofovir Nanoparticle on the Liver and Kidney: Experimental Animal Study. <i>Toxicological Research</i> , 2018, 34, 221-229.	1.1	30
35	The Multiple Roles of Hepatitis B Virus X Protein (HBx) Dysregulated MicroRNA in Hepatitis B Virus-Associated Hepatocellular Carcinoma (HBV-HCC) and Immune Pathways. <i>Viruses</i> , 2020, 12, 746.	1.5	30
36	Fusaric acid decreases p53 expression by altering promoter methylation and m6A RNA methylation in human hepatocellular carcinoma (HepG2) cells. <i>Epigenetics</i> , 2021, 16, 79-91.	1.3	30

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37	The biological and diagnostic role of miRNAs in hepatocellular carcinoma. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 1701-1720.	3.0	29
38	Comparison of integrated sustainable biodiesel and antibacterial nano silver production by microalgal and yeast isolates. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 186, 232-242.	1.7	29
39	Initiation but no execution - modulation of peripheral blood lymphocyte apoptosis in rheumatoid arthritis - a potential role for heat shock protein 70. <i>Journal of Inflammation</i> , 2011, 8, 30.	1.5	28
40	GST polymorphisms and early-onset coronary artery disease in young South African Indians. <i>South African Medical Journal</i> , 2012, 102, 627.	0.2	28
41	The Interleukin-6 γ 147 G/C Polymorphism Is Associated with Increased Risk of Coronary Artery Disease in Young South African Indian Men. <i>Metabolic Syndrome and Related Disorders</i> , 2013, 11, 205-209.	0.5	28
42	Fusaric Acid Induces DNA Damage and Post-translational Modifications of p53 in Human Hepatocellular Carcinoma (HepG2) Cells. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3866-3874.	1.2	28
43	Naringenin attenuates highly active antiretroviral therapy-induced sperm DNA fragmentations and testicular toxicity in Sprague-Dawley rats. <i>Andrology</i> , 2018, 6, 166-175.	1.9	28
44	The Epigenetic Modulation of Cancer and Immune Pathways in Hepatitis B Virus-Associated Hepatocellular Carcinoma: The Influence of HBx and miRNA Dysregulation. <i>Frontiers in Immunology</i> , 2021, 12, 661204.	2.2	28
45	Effects of <i>Persea americana</i> Mill (Lauraceae) (avocado) ethanolic leaf extract (PAE) on blood glucose and kidney function in streptozotocin (STZ)-induced diabetic rats and on kidney cell lines of the proximal (LLC-PK1) and distal tubules (MDBK). <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2008, 30, 25.	0.8	28
46	Human serum albumin interaction, in silico and anticancer evaluation of Pine-Gold nanoparticles. <i>Process Biochemistry</i> , 2020, 89, 98-109.	1.8	27
47	Fusaric acid induces oxidative stress and apoptosis in human cancerous oesophageal SNO cells. <i>Toxicol</i> , 2017, 126, 4-11.	0.8	26
48	Lymphocyte Mitochondrial Depolarization and Apoptosis in HIV-1-Infected HAART Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2008, 48, 381-388.	0.9	25
49	Sub/supercritical fluid chromatography employing water-rich modifier enables the purification of biosynthesized human insulin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1155, 122126.	1.2	25
50	Fumonisin B1 alters global m6A RNA methylation and epigenetically regulates Keap1-Nrf2 signaling in human hepatoma (HepG2) cells. <i>Archives of Toxicology</i> , 2021, 95, 1367-1378.	1.9	25
51	<i>Moringa oleifera</i> Aqueous Leaf Extract Induces Cell-Cycle Arrest and Apoptosis in Human Liver Hepatocellular Carcinoma Cells. <i>Nutrition and Cancer</i> , 2019, 71, 1165-1174.	0.9	24
52	Prenatal Air Pollution Exposure and Placental DNA Methylation Changes: Implications on Fetal Development and Future Disease Susceptibility. <i>Cells</i> , 2021, 10, 3025.	1.8	24
53	The Affinity Purification and Characterization of a Dehydrogenase from <i>Aspergillus parasiticus</i> Involved in Aflatoxin B1, Biosynthesis. <i>Preparative Biochemistry and Biotechnology</i> , 1991, 21, 125-140.	0.4	23
54	Ochratoxin A upregulates biomarkers associated with hypoxia and transformation in human kidney cells. <i>Toxicology in Vitro</i> , 2019, 57, 211-216.	1.1	23

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55	The effects of vasopressin and oxytocin on methamphetamine-induced place preference behaviour in rats. <i>Metabolic Brain Disease</i> , 2012, 27, 341-350.	1.4	22
56	Fumonisin B1 inhibits apoptosis in HepG2 cells by inducing Birc-8/ILP-2. <i>Toxicology Letters</i> , 2015, 235, 67-74.	0.4	22
57	Atorvastatin induces MicroRNA-145 expression in HEPG2 cells via regulation of the PI3K/AKT signalling pathway. <i>Chemico-Biological Interactions</i> , 2018, 287, 32-40.	1.7	22
58	Cytotoxicity of aflatoxin B1 and its chemically synthesised epoxide derivative on the A549 human epithelioid lung cell line. <i>Mycopathologia</i> , 2001, 151, 155-159.	1.3	21
59	Patulin triggers NRF2-mediated survival mechanisms in kidney cells. <i>Toxicon</i> , 2015, 99, 1-5.	0.8	21
60	Withania somnifera modulates cancer cachexia associated inflammatory cytokines and cell death in leukaemic THP-1 cells and peripheral blood mononuclear cells (PBMCs). <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 126.	3.7	21
61	A Critical Review of the Biochemical Mechanisms and Epigenetic Modifications in HIV- and Antiretroviral-Induced Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12020.	1.8	21
62	Fusaric Acid immunotoxicity and MAPK activation in normal peripheral blood mononuclear cells and Thp-1 cells. <i>Scientific Reports</i> , 2017, 7, 3051.	1.6	20
63	Design, synthesis, anticancer, antimicrobial activities and molecular docking studies of novel quinoline bearing dihydropyridines. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 165, 266-276.	1.7	19
64	Methylenetetrahydrofolate reductase C677T polymorphism is associated with increased risk of coronary artery disease in young South African Indians. <i>Gene</i> , 2015, 571, 28-32.	1.0	18
65	Malnutrition and Dietary Habits Alter the Immune System Which May Consequently Influence SARS-CoV-2 Virulence: A Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2654.	1.8	18
66	SARS-CoV-2 and helminth co-infections, and environmental pollution exposure: An epidemiological and immunological perspective. <i>Environment International</i> , 2021, 156, 106695.	4.8	17
67	The determination of fumonisin B1 in human faeces: a short term marker for assessment of exposure. <i>Biomarkers</i> , 2000, 5, 1-8.	0.9	16
68	Increased SIRT3 Expression and Antioxidant Defense under Hyperglycemic Conditions in HepG2 Cells. <i>Metabolic Syndrome and Related Disorders</i> , 2015, 13, 255-263.	0.5	16
69	<i>Trigonella foenum-graecum</i> Seed Extract, 4-Hydroxyisoleucine, and Metformin Stimulate Proximal Insulin Signaling and Increase Expression of Glycogenic Enzymes and GLUT2 in HepG2 Cells. <i>Metabolic Syndrome and Related Disorders</i> , 2016, 14, 114-120.	0.5	16
70	Acute Ochratoxin A exposure induces inflammation and apoptosis in human embryonic kidney (HEK293) cells. <i>Toxicon</i> , 2017, 137, 48-53.	0.8	16
71	Fumonisin B1 Epigenetically Regulates PTEN Expression and Modulates DNA Damage Checkpoint Regulation in HepG2 Liver Cells. <i>Toxins</i> , 2020, 12, 625.	1.5	16
72	The Impact of Natural Dietary Compounds and Food-Borne Mycotoxins on DNA Methylation and Cancer. <i>Cells</i> , 2020, 9, 2004.	1.8	16

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73	A novel and more efficient biosynthesis approach for human insulin production in <i>Escherichia coli</i> (E. coli) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	16
74	The challenges of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) testing in low-middle income countries and possible cost-effective measures in resource-limited settings. <i>Globalization and Health</i> , 2022, 18, 5.	2.4	16
75	MicroRNA-146a rs2910164 is associated with severe preeclampsia in Black South African women on HAART. <i>BMC Genetics</i> , 2017, 18, 5.	2.7	15
76	Degradation Treatment of 4-Nitrophenol by <i>Moringa oleifera</i> Synthesised GO-CeO ₂ Nanoparticles as Catalyst. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2241-2248.	1.9	15
77	Curcumin Upregulates Antioxidant Defense, Lon Protease, and Heat-Shock Protein 70 Under Hyperglycemic Conditions in Human Hepatoma Cells. <i>Journal of Medicinal Food</i> , 2017, 20, 465-473.	0.8	14
78	The adaptive immune response to major surgery in the neonate. <i>Pediatric Surgery International</i> , 1997, 12, 490-493.	0.6	13
79	<i>Centella asiatica</i> modulates cancer cachexia associated inflammatory cytokines and cell death in leukaemic THP-1 cells and peripheral blood mononuclear cells (PBMCs). <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 377.	3.7	13
80	Neonatal bronchoscopy: Role in respiratory disease of the newborn – A 7 year experience. <i>Pediatric Pulmonology</i> , 2019, 54, 415-420.	1.0	13
81	Nanobodies Enhancing Cancer Visualization, Diagnosis and Therapeutics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9778.	1.8	13
82	A comparative analysis of mycotoxin contamination of supermarket and premium brand pelleted dog food in Durban, South Africa. <i>Journal of the South African Veterinary Association</i> , 2017, 88, e1-e6.	0.2	12
83	The neglected foodborne mycotoxin Fusaric acid induces bioenergetic adaptations by switching energy metabolism from mitochondrial processes to glycolysis in a human liver (HepG2) cell line. <i>Toxicology Letters</i> , 2020, 318, 74-85.	0.4	12
84	Metformin protects against neuroinflammation through integrated mechanisms of miR-141 and the NF- κ B-mediated inflammasome pathway in a diabetic mouse model. <i>European Journal of Pharmacology</i> , 2021, 903, 174146.	1.7	12
85	The effects of <i>Sutherlandia frutescens</i> extracts in cultured renal proximal and distal tubule epithelial cells. <i>South African Journal of Science</i> , 2010, 106, .	0.3	11
86	Atorvastatin Increases miR-124a Expression: A Mechanism of Gamt Modulation in Liver Cells. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2620-2627.	1.2	11
87	Concentration-dependent effect of fumonisin B ₁ on apoptosis in oesophageal cancer cells. <i>Human and Experimental Toxicology</i> , 2018, 37, 762-771.	1.1	11
88	Laser assisted synthesis of inorganic fullerene like MoS ₂ -Au nanohybrid and their cytotoxicity against human monocytic (THP-1) cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 187, 10-17.	1.7	11
89	A pilot study: Bisphenol A and Bisphenol-A glucuronide levels in mother and child pairs in a South African population. <i>Reproductive Toxicology</i> , 2019, 89, 93-99.	1.3	11
90	Fusaric acid-induced promoter methylation of DNA methyltransferases triggers DNA hypomethylation in human hepatocellular carcinoma (HepG2) cells. <i>Epigenetics</i> , 2019, 14, 804-817.	1.3	11

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91	Fumonisin B1 regulates LDL receptor and ABCA1 expression in an LXR dependent mechanism in liver (HepG2) cells. <i>Toxicol</i> , 2021, 190, 58-64.	0.8	11
92	Deoxynivalenol downregulates NRF2-induced cytoprotective response in human hepatocellular carcinoma (HepG2) cells. <i>Toxicol</i> , 2021, 193, 4-12.	0.8	11
93	Sirtuin 1 rs1467568 and rs7895833 in South African Indians with early-onset coronary artery disease. <i>Cardiovascular Journal of Africa</i> , 2016, 27, 213-217.	0.2	11
94	Induction of Caspase-Mediated Apoptosis in HepG2 Liver Carcinoma Cells Using Mutagenic Antioxidant Conjugated Self-Assembled Novel Carbazole Nanoparticles and In Silico Modeling Studies. <i>ACS Omega</i> , 2021, 6, 265-277.	1.6	11
95	The Arg72 variant of the p53 functional polymorphism (rs1042522) is associated with coronary artery disease in young South Africans of Indian ancestry. <i>Gene</i> , 2016, 593, 261-264.	1.0	10
96	Synthesis, in vitro evaluation, and ⁶⁸ Ga radiolabeling of CDP1 toward PET/CT imaging of bacterial infection. <i>Chemical Biology and Drug Design</i> , 2017, 90, 572-579.	1.5	10
97	MiR-146a G/C rs2910164 variation in South African Indian and Caucasian patients with psoriatic arthritis. <i>BMC Medical Genetics</i> , 2018, 19, 48.	2.1	10
98	The appearance of an enzyme activity catalysing the conversion of norsolorinic acid to averantin in <i>Aspergillus parasiticus</i> cultures. <i>Mycopathologia</i> , 1991, 113, 41-44.	1.3	9
99	Apoptosis-promoting effects of <i>Sutherlandia frutescens</i> extracts on normal human lymphocytes in vitro. <i>South African Journal of Science</i> , 2010, 106, .	0.3	9
100	Centella asiatica Fraction-3 Suppresses the Nuclear Factor Erythroid 2-Related Factor 2 Anti-Oxidant Pathway and Enhances Reactive Oxygen Species-Mediated Cell Death in Cancerous Lung A549 Cells. <i>Journal of Medicinal Food</i> , 2017, 20, 959-968.	0.8	9
101	Folic Acid Conjugated Polyglutamic Acid Drug Vehicle Synthesis through Deep Eutectic Solvent for Targeted Release of Paclitaxel. <i>ChemistrySelect</i> , 2019, 4, 10225-10235.	0.7	9
102	Fusaric acid induces NRF2 as a cytoprotective response to prevent NLRP3 activation in the liver derived HepG2 cell line. <i>Toxicology in Vitro</i> , 2019, 55, 151-159.	1.1	9
103	TPGS-mediated one-pot synthesis, XRD structural analysis, antimicrobial evaluation and molecular docking of novel heterocycles as potential inhibitors of p53-MDM2 protein. <i>Journal of Molecular Structure</i> , 2020, 1202, 127252.	1.8	9
104	One-step synthesis of picolinohydrazides from fusaric acid: DFT, structural characterization and molecular inhibitory studies on metastatic tumor-derived exosomal and non-exosomal proteins. <i>Journal of Molecular Structure</i> , 2022, 1255, 132442.	1.8	9
105	Metabolism of aflatoxin B1 by <i>Petroselinum crispum</i> (parsley). <i>Mycopathologia</i> , 1991, 113, 25-29.	1.3	8
106	Synthesis of sterigmatocystin derivatives and their biotransformation to aflatoxins by a blocked mutant of <i>Aspergillus parasiticus</i> . <i>Mycopathologia</i> , 1998, 144, 115-122.	1.3	8
107	Exposure of Rural and Urban Populations in KwaZulu Natal, South Africa, to Fumonisin B 1 in Maize. <i>Environmental Health Perspectives</i> , 2001, 109, 253.	2.8	8
108	Lon protease and eIF2 \pm are involved in acute, but not prolonged, antiretroviral induced stress response in HepG2 cells. <i>Chemico-Biological Interactions</i> , 2016, 252, 82-86.	1.7	8

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109	Inverse association between microRNA-124a and ABCC4 in HepG2 cells treated with antiretroviral drugs. <i>Xenobiotica</i> , 2016, 46, 825-830.	0.5	8
110	Phosphotungstic Acid Catalyzed One Pot Synthesis of 4,8,8a-Trimethyl-5-phenyl-5,5a,8,9a-tetrahydrobenzo[b][1,8]Naphthyridin-6(7H)-one Derivatives and Their Biological Evaluation Against A549 Lung Cancer Cells. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 1193-1204.	1.4	8
111	The Effect of Nitric Oxide Pollution on Oxidative Stress in Pregnant Women Living in Durban, South Africa. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 74, 228-239.	2.1	8
112	HIV induced nitric oxide and lipid peroxidation, influences neonatal birthweight in a South African population. <i>Environment International</i> , 2018, 121, 1-12.	4.8	8
113	Fusaric acid-induced epigenetic modulation of hepatic H3K9me3 triggers apoptosis <i>in vitro</i> and <i>in vivo</i> . <i>Epigenomics</i> , 2020, 12, 955-972.	1.0	8
114	Molecular and epigenetic modes of Fumonisin B ₁ mediated toxicity and carcinogenesis and detoxification strategies. <i>Critical Reviews in Toxicology</i> , 2021, 51, 76-94.	1.9	8
115	A review on the oxidative effects of the fusariotoxins: Fumonisin B1 and fusaric acid. , 2021, , 181-190.		8
116	Functional analysis of the p53 codon 72 polymorphism in black South Africans with rheumatoid arthritis—a pilot study. <i>Clinical Rheumatology</i> , 2010, 29, 1099-1105.	1.0	7
117	Association of HIV and highly active antiretroviral therapy with clinical and biochemical indices among women with pre-eclampsia. <i>International Journal of Gynecology and Obstetrics</i> , 2016, 134, 304-308.	1.0	7
118	A pilot study: Relationship between Bisphenol A, Bisphenol A glucuronide and sex steroid hormone levels in cord blood in A South African population. <i>Reproductive Toxicology</i> , 2021, 100, 83-89.	1.3	7
119	Uncoupling protein 2 ^{866G/A} and uncoupling protein 3 ^{55C/T} polymorphisms in young South African Indian coronary artery disease patients. <i>Gene</i> , 2013, 524, 79-83.	1.0	6
120	Cytotoxic Effect of a Novel Synthesized Carbazole Compound on A549 Lung Cancer Cell Line. <i>PLoS ONE</i> , 2015, 10, e0129874.	1.1	6
121	A comparison of mycotoxin contamination of premium and grocery brands of pelleted cat food in South Africa. <i>Journal of the South African Veterinary Association</i> , 2017, 88, e1-e4.	0.2	6
122	Toxicity assessment of mycotoxins extracted from contaminated commercial dog pelleted feed on canine blood mononuclear cells. <i>Food and Chemical Toxicology</i> , 2018, 114, 112-118.	1.8	6
123	OGG1 Ser326Cys polymorphism, HIV, obesity and air pollution exposure influences adverse birth outcome susceptibility, within South African Women. <i>Reproductive Toxicology</i> , 2018, 79, 8-15.	1.3	6
124	Molecular docking and mechanisms of fusaric acid induced mitochondrial sirtuin aberrations in glycolytically and oxidatively poised human hepatocellular carcinoma (HepG2) cells. <i>Toxicon</i> , 2020, 173, 48-56.	0.8	6
125	Patulin suppresses β -1-adrenergic receptor expression in HEK293 cells. <i>Scientific Reports</i> , 2020, 10, 20115.	1.6	6
126	Fusaric acid alters Akt and ampk signalling in c57bl/6 mice brain tissue. <i>Food and Chemical Toxicology</i> , 2020, 138, 111252.	1.8	6

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127	Fusaric acid induces hepatic global m6A RNA methylation and differential expression of m6A regulatory genes <i>in vivo</i> - a pilot study. <i>Epigenetics</i> , 2022, 17, 695-703.	1.3	6
128	Tumour necrosis factor $\hat{\pm}$ polymorphism (TNF-308 $\hat{\pm}$ G/A) in association with asthma related phenotypes and air pollutants among children in KwaZulu-Natal. <i>Asian Pacific Journal of Allergy and Immunology</i> , 2016, 34, 217-222.	0.2	6
129	The cytotoxic effects of <i>Scilla nervosa</i> (Burch.) Jessop (Hyacinthaceae) aqueous extract on cultured HepG2 cells. <i>Journal of Ethnopharmacology</i> , 2013, 145, 200-204.	2.0	5
130	microRNA-27a rs895819 is associated with obesity in HIV infected preeclamptic Black South African women on HAART. <i>BMC Medical Genetics</i> , 2016, 17, 92.	2.1	5
131	Biosynthesis and computational analysis of amine-ended dual thiol ligand functionalized gold nanoparticles for conventional spectroscopy detection of melamine. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 169, 75-82.	1.7	5
132	Green Synthesis, Experimental and Theoretical Studies to Discover Novel Binders of Exosomal Tetraspanin CD81 Protein. <i>ACS Omega</i> , 2020, 5, 17973-17982.	1.6	5
133	The Effect of Organoselenium Compounds on Histone Deacetylase Inhibition and Their Potential for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12952.	1.8	5
134	TB/HIV pleurisy reduces Th17 lymphocyte proportion independent of the cytokine microenvironment. <i>Tuberculosis</i> , 2016, 99, 92-99.	0.8	4
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