

Kamani Hemamala Tennekoon

List of Publications by Year in descending order

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77
papers

1,507
citations

471509

17
h-index

361022

35
g-index

77
all docs

77
docs citations

77
times ranked

1768
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the PI3K/AKT/mTOR signaling pathway in ovarian cancer: Biological and therapeutic significance. <i>Seminars in Cancer Biology</i> , 2019, 59, 147-160.	9.6	394
2	A Review on Ethnopharmacological Applications, Pharmacological Activities, and Bioactive Compounds of <i>Mangifera indica</i> (Mango). <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-24.	1.2	110
3	In vitro assays and techniques utilized in anticancer drug discovery. <i>Journal of Applied Toxicology</i> , 2019, 39, 38-71.	2.8	73
4	Effect of <i>Momordica charantia</i> fruit juice on streptozotocin-induced diabetes in rats. <i>Journal of Ethnopharmacology</i> , 1990, 30, 199-204.	4.1	66
5	Emerging role of histone deacetylase inhibitors as anti-breast-cancer agents. <i>Drug Discovery Today</i> , 2019, 24, 685-702.	6.4	60
6	A comparison of the cytotoxic potential of standardized aqueous and ethanolic extracts of a polyherbal mixture comprised of <i>Nigella sativa</i> (seeds), <i>Hemidesmus indicus</i> (roots) and <i>Smilax glabra</i> (rhizome). <i>Pharmacognosy Research (discontinued)</i> , 2010, 2, 335.	0.6	48
7	Modulation of apoptosis in human hepatocellular carcinoma (HepG2 cells) by a standardized herbal decoction of <i>Nigella sativa</i> seeds, <i>Hemidesmus indicus</i> roots and <i>Smilax glabra</i> rhizomes with anti-hepatocarcinogenic effects. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 25.	3.7	45
8	Possible hepatotoxicity of <i>Nigella sativa</i> seeds and <i>Dregea volubilis</i> leaves. <i>Journal of Ethnopharmacology</i> , 1991, 31, 283-289.	4.1	42
9	Effect of <i>Momordica charantia</i> on key hepatic enzymes. <i>Journal of Ethnopharmacology</i> , 1994, 44, 93-97.	4.1	40
10	A study of the potential anticancer activity of <i>Mangifera zeylanica</i> bark: Evaluation of cytotoxic and apoptotic effects of the hexane extract and bioassay-guided fractionation to identify phytochemical constituents. <i>Oncology Letters</i> , 2016, 11, 1335-1344.	1.8	34
11	Circulating leptin, soluble leptin receptor, free leptin index, visfatin and selected leptin and leptin receptor gene polymorphisms in sporadic breast cancer. <i>Endocrine Journal</i> , 2017, 64, 393-401.	1.6	31
12	In Vitro Anticancer Effect of Gedunin on Human Teratocarcinomal (NTERA-2) Cancer Stem-Like Cells. <i>BioMed Research International</i> , 2017, 2017, 1-9.	1.9	27
13	Oleanolic acid from antifilarial triterpene saponins of <i>Dipterocarpus zeylanicus</i> induces oxidative stress and apoptosis in filarial parasite <i>Setaria digitata</i> in vitro. <i>Experimental Parasitology</i> , 2017, 177, 13-21.	1.2	26
14	Anti-Inflammatory Activity Is a Possible Mechanism by Which the Polyherbal Formulation Comprised of <i>Nigella sativa</i> (Seeds), <i>Hemidesmus indicus</i> (Root), and <i>Smilax glabra</i> (Rhizome) Mediates Its Antihepatocarcinogenic Effects. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	1.2	23
15	Association of C/A Polymorphism in the Leptin Gene with Preeclampsia/Pregnancy-Induced Hypertension. <i>Hypertension in Pregnancy</i> , 2010, 29, 366-374.	1.1	21
16	Overview of the genetic basis toward early detection of breast cancer. <i>Breast Cancer: Targets and Therapy</i> , 2019, Volume 11, 71-80.	1.8	21
17	Cytotoxic and Apoptotic Effects of Govaniadine Isolated from <i>Corydalis govaniiana</i> Wall. Roots on Human Breast Cancer (MCF-7) Cells. <i>BioMed Research International</i> , 2018, 2018, 1-11.	1.9	20
18	Induction of Apoptosis in MCF-7 Breast Cancer Cells by Sri Lankan Endemic Mango (<i>Mangifera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Journal of Food Biochemistry</i> , 2017, 41, e12294.	2.9	18

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37	Isolation of cytotoxic triterpenes from the mangrove plant, <i>Scyphiphora hydrophyllacea</i> C.F.Gaertn (Rubiaceae). <i>Tropical Journal of Pharmaceutical Research</i> , 2018, 17, 475.	0.3	10
38	Anti-hepatocarcinogenic and anti-oxidant effects of mangrove plant <i>Scyphiphora hydrophyllacea</i> . <i>Pharmacognosy Magazine</i> , 2017, 13, 76.	0.6	10
39	Association of Cord Blood Leptin, Soluble Leptin Receptor, Insulin-Like Growth Factor-I and Insulin-Like Growth Factor-Binding Protein-1 on Birth Indices in Healthy Full-Term Newborns. <i>Hormone Research in Paediatrics</i> , 2014, 81, 232-238.	1.8	9
40	Hexane Extract of <i>Garcinia quaesita</i> Fruits Induces Apoptosis in Breast Cancer Stem Cells Isolated from Triple Negative Breast Cancer Cell Line MDA-MB-231. <i>Nutrition and Cancer</i> , 2021, 73, 845-855.	2.0	9
41	Prolactin Response to Suckling in a Group of Fully Breast Feeding Women during the Early Postpartum Period. <i>Asia-Oceania Journal of Obstetrics and Gynaecology</i> , 1994, 20, 311-319.	0.0	8
42	A study of genetic polymorphisms in mitochondrial DNA hypervariable regions I and II of the five major ethnic groups and Vedda population in Sri Lanka. <i>Legal Medicine</i> , 2015, 17, 539-546.	1.3	8
43	Isolation of a New Sesquiterpene Lactone From <i>Vernonia Zeylanica</i> (L) Less and its Anti-Proliferative Effects in Breast Cancer Cell Lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 410-424.	1.7	8
44	Cytotoxicity against Human Hepatocellular Carcinoma (HepG2) Cells and Anti-Oxidant Activity of Selected Endemic or Medicinal Plants in Sri Lanka. <i>Advances in Pharmacological and Pharmaceutical Sciences</i> , 2022, 1-9.	1.3	8
45	Serum leptin and lactational amenorrhea in well-nourished and undernourished lactating women. <i>Fertility and Sterility</i> , 2005, 83, 988-994.	1.0	7
46	LEPR c.668A>G polymorphism in a cohort of Sri Lankan women with pre-eclampsia / pregnancy induced hypertension: a case control study. <i>BMC Research Notes</i> , 2012, 5, 308.	1.4	7
47	Analysis of BRCA1 and BRCA2 large genomic rearrangements in Sri Lankan familial breast cancer patients and at risk individuals. <i>BMC Research Notes</i> , 2014, 7, 344.	1.4	7
48	H19 rs217727 genotype and IGF-1/intron -2 dinucleotide CT repeat polymorphism are independently associated with birth weight. <i>Endocrine</i> , 2015, 48, 1010-1012.	2.3	7
49	Rhizome extracts of <i>Curcuma zedoaria</i> Rosc induce caspase dependant apoptosis via generation of reactive oxygen species in filarial parasite <i>Setaria digitata</i> in vitro. <i>Experimental Parasitology</i> , 2016, 167, 50-60.	1.2	7
50	In silico characterization of a RNA binding protein of cattle filarial parasite <i>Setaria digitata</i> . <i>Bioinformatics</i> , 2014, 10, 512-517.	0.5	7
51	Cytotoxic, Antioxidant and Apoptotic Effects of Twenty Sri Lankan Endemic Plants in Breast Cancer Cells. <i>European Journal of Medicinal Plants</i> , 2016, 15, 1-15.	0.5	7
52	Novel sequence variants and common recurrent polymorphisms of BRCA2 in Sri Lankan breast cancer patients and a family with BRCA1 mutations. <i>Experimental and Therapeutic Medicine</i> , 2011, 2, 1163-1170.	1.8	6
53	Feasibility of using paper impregnated with urine instead of liquid urine for assessing ovarian activity. <i>Ceylon Medical Journal</i> , 2011, 48, 4.	0.2	6
54	Cytotoxic and Apoptotic Effects of the Bark of Two Common Mango (<i>Mangifera indica</i>) Varieties from Sri Lanka on Breast and Ovarian Cancer Cells. <i>British Journal of Pharmaceutical Research</i> , 2016, 10, 1-7.	0.4	6

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55	A new liposomal nanocarrier for co-delivery of gedunin and p-glycoprotein siRNA to target breast cancer stem cells. <i>Natural Product Research</i> , 2022, 36, 6389-6392.	1.8	6
56	The Genome of <i>Setaria digitata</i> : A Cattle Nematode Closely Related to Human Filarial Parasites. <i>Genome Biology and Evolution</i> , 2020, 12, 3971-3976.	2.5	5
57	Pattern of nucleotide variants of TP53 and their correlation with the expression of p53 and its downstream proteins in a Sri Lankan cohort of breast and colorectal cancer patients. <i>BMC Cancer</i> , 2020, 20, 72.	2.6	5
58	Development of a New Nanocarrier for Dietary Garcinol: Characterization and In Vitro Efficacy Evaluation Using Breast Cancer Stem Cells Grown in Hypoxia. <i>Journal of Food Quality</i> , 2021, 2021, 1-10.	2.6	4
59	Synchronous Secretion of LH and Prolactin during the Normal Menstrual Cycle. <i>Asia-Oceania Journal of Obstetrics and Gynaecology</i> , 1993, 19, 101-107.	0.0	3
60	Novel and reported pathogenic variants in exon 11 of BRCA2 gene in a cohort of Sri Lankan young breast cancer patients. <i>Familial Cancer</i> , 2017, 16, 329-338.	1.9	3
61	Screening of five Sri Lankan endemic plants for anti-cancer effects on breast cancer stem cells isolated from MCF-7 and MDA-MB-231 cell lines. <i>Tropical Journal of Pharmaceutical Research</i> , 2018, 17, 1825.	0.3	3
62	Nucleotide variants and protein expression of TP53 in a Sri Lankan cohort of patients with head and neck cancer. <i>Molecular Medicine Reports</i> , 2019, 19, 2781-2791.	2.4	3
63	Identification of 3-O- β -D-glucopyranosyl-oleanolic acid, a triterpenoid saponin, as a new breast cancer stem cell growth inhibitor. <i>Natural Product Research</i> , 2022, 36, 2923-2926.	1.8	3
64	Screening of Fifteen Mangrove Plants Found in Sri Lanka for in-vitro Cytotoxic Properties on Breast (MCF-7) and Hepatocellular Carcinoma (HepG2) Cells. <i>European Journal of Medicinal Plants</i> , 2016, 14, 1-11.	0.5	3
65	Novel gross deletion at the GHRHR gene locus possibly mediated by Alu specific microhomology identified in a Sri Lankan patient with isolated growth hormone deficiency. <i>Growth Hormone and IGF Research</i> , 2018, 42-43, 94-101.	1.1	2
66	Vernolactone Promotes Apoptosis and Autophagy in Human Teratocarcinoma (NTERA-2) Cancer Stem-Like Cells. <i>Stem Cells International</i> , 2019, 2019, 1-12.	2.5	2
67	Isolation of Hopenone-I from the Leaves of Mangrove Plant <i>Scyphiphora hydrophyllacea</i> and Its Cytotoxic Properties. <i>British Journal of Pharmaceutical Research</i> , 2016, 10, 1-6.	0.4	2
68	Evaluation of non-coding region sequence variants and mitochondrial haplogroups as potential biomarkers of sporadic breast cancer in individuals of Sri Lankan Sinhalese ethnicity. <i>Biomedical Reports</i> , 2020, 12, 339-347.	2.0	2
69	Mitochondrial DNA (CA) _n dinucleotide repeat variations in Sinhalese and Vedda populations in Sri Lanka. <i>Genetica</i> , 2022, 150, 145-150.	1.1	2
70	A Rise in the Biologically Active LH: Immunologically Active LH (B/I) Ratio during the Normal Luteal Phase. <i>Asia-Oceania Journal of Obstetrics and Gynaecology</i> , 1989, 15, 299-305.	0.0	1
71	Camptospermenone A, B and C, three new cytotoxic alkyl-hydroxycyclohexenones from <i>Camptosperma zeylanica</i> Thwaites leaves. <i>Phytochemistry Letters</i> , 2018, 24, 114-119.	1.2	1
72	Chitosan Nano-encapsulation Enhances Gedunin Cytotoxicity Against Human Non-small-cell Lung Cancer (NCI-H292) Cell Line. <i>Drug Delivery Letters</i> , 2017, 7, .	0.5	1

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73	MangiferaÂindica and MangiferaÂzeylanica: Perspectives on medicinal properties, therapeutic applications and potential uses as anticancer epigenetic drugs (Review). International Journal of Epigenetics, 2022, 2, .	0.5	1
74	A molecular-genetics perspective on the systematics of the parthenogenetic flowerpot blindsnake <i>Indotyphlops braminus</i> (Daudin,Â1803) (Squamata: Serpentes: Typhlopidae). Systematics and Biodiversity, 2022, 20, 1-16.	1.2	1
75	Time Series Analysis of Biologically Active Luteinizing Hormone Concentrations during Different Stages of the Menstrual Cycle. Asia-Oceania Journal of Obstetrics and Gynaecology, 1991, 17, 165-171.	0.0	0
76	Analysis of common genetic mutations in a cohort of children with salt wasting form of Congenital Adrenal Hyperplasia. Ceylon Medical Journal, 2021, 65, 95.	0.2	0
77	Novel gross deletion at the LHX4 gene locus in a child with growth hormone deficiency. Growth Hormone and IGF Research, 2022, 62, 101443.	1.1	0