## Kamani Hemamala Tennekoon

List of Publications by Year in descending order

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77

all docs

77 1,507 17
papers citations h-index

77 77 1768
docs citations times ranked citing authors

35

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#	Article	IF	CITATIONS
1	Role of the PI3K/AKT/mTOR signaling pathway in ovarian cancer: Biological and therapeutic significance. Seminars in Cancer Biology, 2019, 59, 147-160.	9.6	394
2	A Review on Ethnopharmacological Applications, Pharmacological Activities, and Bioactive Compounds of <i> Mangifera indica &lt; /i &gt; (Mango). Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-24.</i>	1.2	110
3	In vitro assays and techniques utilized in anticancer drug discovery. Journal of Applied Toxicology, 2019, 39, 38-71.	2.8	73
4	Effect of Momordica charantia fruit juice on streptozotocin-induced diabetes in rats. Journal of Ethnopharmacology, 1990, 30, 199-204.	4.1	66
5	Emerging role of histone deacetylase inhibitors as anti-breast-cancer agents. Drug Discovery Today, 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 Nigella sativa (seeds), Hemidesmus indicus (roots) and Smilax glabra (rhizome). Pharmacognosy Research (discontinued), 2010, 2, 335.	0.6	48
7	Modulation of apoptosis in human hepatocellular carcinoma (HepG2 cells) by a standardized herbal decoction of Nigella sativa seeds, Hemidesmus indicus roots and Smilax glabra rhizomes with antihepatocarcinogenic effects. BMC Complementary and Alternative Medicine, 2012, 12, 25.	3.7	45
8	Possible hepatotoxicity of Nigella sativa seeds and Dregea volubilis leaves. Journal of Ethnopharmacology, 1991, 31, 283-289.	4.1	42
9	Effect of Momordica charantia on key hepatic enzymes. Journal of Ethnopharmacology, 1994, 44, 93-97.	4.1	40
10	A study of the potential anticancer activity of Mangifera zeylanica bark: Evaluation of cytotoxic and apoptotic effects of the hexane extract and bioassay-guided fractionation to identify phytochemical constituents. Oncology Letters, 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. Endocrine Journal, 2017, 64, 393-401.	1.6	31
12	In Vitro Anticancer Effect of Gedunin on Human Teratocarcinomal (NTERA-2) Cancer Stem-Like Cells. BioMed Research International, 2017, 2017, 1-9.	1.9	27
13	Oleanolic acid from antifilarial triterpene saponins of Dipterocarpus zeylanicus induces oxidative stress and apoptosis in filarial parasite Setaria digitata inÂvitro. Experimental Parasitology, 2017, 177, 13-21.	1.2	26
14	Anti-Inflammatory Activity Is a Possible Mechanism by Which the Polyherbal Formulation Comprised of Nigella sativa (Seeds), Hemidesmus indicus (Root), and Smilax glabra (Rhizome) Mediates Its Antihepatocarcinogenic Effects. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-11.	1.2	23
15	Association of –2548 G/A Polymorphism in the Leptin Gene with Preeclampsia/Pregnancy-Induced Hypertension. Hypertension in Pregnancy, 2010, 29, 366-374.	1.1	21
16	<p>Overview of the genetic basis toward early detection of breast cancer</p> . Breast Cancer: Targets and Therapy, 2019, Volume 11, 71-80.	1.8	21
17	Cytotoxic and Apoptotic Effects of Govaniadine Isolated from <i>Corydalis govaniana</i> Wall. Roots on Human Breast Cancer (MCF-7) Cells. BioMed Research International, 2018, 2018, 1-11.	1.9	20
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Induction of Apoptosis in MCF-7 Breast Cancer Cells by Sri Lankan Endemic Mango (<i>Mangifera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50

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Journal of Food Biochemistry, 2017, 41, e12294.

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#	Article	IF	Citations
19	New halogenated constituents from Mangifera zeylanica Hook.f. and their potential anti-cancer effects in breast and ovarian cancer cells. Journal of Ethnopharmacology, 2016, 189, 165-174.	4.1	17 -Tf 50-71-7 Td
20	A Study on Cytotoxic and Apoptotic Potential of a Triterpenoid Saponin (3-O- <mml:math) 0="" <i="" etqq0="" from="" isolated="" o="" rgbt="" tj="">Schumacheria castaneifolia  Isolated from <i>Schumacheria castaneifolia </i> Isolated from <i>Schumacheria castaneifolia </i> Isolated from <i>Schumacheria castaneifolia </i> Isolated from <i>Isolated from <i>Isolated from <iisolated <iisolated="" fr<="" from="" td=""><td>1.9</td><td>16</td></iisolated></i></i></mml:math)>	1.9	16
21	Cells. BioMed Research International, 2017, 2017, 1-8.  Novel sequence variants and a high frequency of recurrent polymorphisms in BRCA1gene in Sri Lankan breast cancer patients and at risk individuals. BMC Cancer, 2008, 8, 214.	2.6	14
22	Protective Effects of Six Selected Dietary Compounds against Leptin-Induced Proliferation of Oestrogen Receptor Positive (MCF-7) Breast Cancer Cells. Medicines (Basel, Switzerland), 2017, 4, 56.	1.4	14
23	Induction of apoptosis in response to improved gedunin by liposomal nano-encapsulation in human non-small-cell lung cancer (NCI-H292) cell line. Tropical Journal of Pharmaceutical Research, 2017, 16, 2079.	0.3	14
24	Lactational amenorrhea/anovulation and some of their determinants: a comparison of well-nourished and undernourished women. Fertility and Sterility, 2001, 76, 317-325.	1.0	12
25	Effect of leptin on prolactin and insulin-like growth factor-I secretion by cultured rat endometrial stromal cells. Fertility and Sterility, 2007, 88, 193-199.	1.0	12
26	Homocysteine in small-for-gestational age and appropriate-for-gestational age preterm neonates from mothers receiving folic acid supplementation. Clinical Chemistry and Laboratory Medicine, 2010, 48, 1157-61.	2.3	12
27	<i>In vitro</i> Cytotoxic and Antioxidant Activity of Leaf Extracts of Mangrove Plant, <i>Phoenix paludosa</i> Roxb. Tropical Journal of Pharmaceutical Research, 2016, 15, 127.	0.3	12
28	Effect of skim milk supplementation of the maternal diet on lactational amenorrhea, maternal prolactin, and lactational behavior. American Journal of Clinical Nutrition, 1996, 64, 283-290.	4.7	11
29	Isolation of a new resorcinolic lipid from Mangifera zeylanica Hook.f. bark and its cytotoxic and apoptotic potential. Biomedicine and Pharmacotherapy, 2017, 89, 194-200.	<b>5.</b> 6	11
30	<em>CYP2D6</em> polymorphisms may predict occurrence of adverse effects to tamoxifen: a preliminary retrospective study. Breast Cancer: Targets and Therapy, 2017, Volume 9, 111-120.	1.8	11
31	Evaluation of anticancer effects of a pharmaceutically viable extract of a traditional polyherbal mixture against non-small-cell lung cancer cells. Journal of Integrative Medicine, 2020, 18, 242-252.	3.1	11
32	Interaction of Gut Microbiome and Host microRNAs with the Occurrence of Colorectal and Breast Cancer and Their Impact on Patient Immunity. OncoTargets and Therapy, 2021, Volume 14, 5115-5129.	2.0	11
33	Metalloestrogen cadmium stimulates proliferation of stromal cells derived from the eutopic endometrium of women with endometriosis. Taiwanese Journal of Obstetrics and Gynecology, 2013, 52, 540-545.	1.3	10
34	Cytotoxic and Apoptotic Effect of the Decoction of the Aerial Parts of <i>Flueggea leucopyrus</i> on Human Endometrial Carcinoma (AN3CA) Cells. Tropical Journal of Pharmaceutical Research, 2014, 13, 873.	0.3	10
35	Modulation of expression of heat shock proteins and apoptosis by Flueggea leucopyrus (Willd) decoction in three breast cancer phenotypes. BMC Complementary and Alternative Medicine, 2015, 15, 404.	3.7	10
36	Pathogenic and likely pathogenic genetic alterations and polymorphisms in growth hormone gene (GH1) and growth hormone releasing hormone receptor gene (GHRHR) in a cohort of isolated growth hormone deficient (IGHD) children in Sri Lanka. Growth Hormone and IGF Research, 2017, 36, 22-29.	1.1	10

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37	Isolation of cytotoxic triterpenes from the mangrove plant, <i>Scyphiphora hydrophyllacea</i> C.F.Gaertn (Rubiaceae). Tropical Journal of Pharmaceutical Research, 2018, 17, 475.	0.3	10
38	Anti-hepatocarcinogenic and anti-oxidant effects of mangrove plant Scyphiphora hydrophyllacea. Pharmacognosy Magazine, 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. Hormone Research in Paediatrics, 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. Nutrition and Cancer, 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. Asia-Oceania Journal of Obstetrics and Gynaecology, 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. Legal Medicine, 2015, 17, 539-546.	1.3	8
43	Isolation of a New Sesquiterpene Lactone From Vernonia Zeylanica (L) Less and its Anti-Proliferative Effects in Breast Cancer Cell Lines. Anti-Cancer Agents in Medicinal Chemistry, 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. Advances in Pharmacological and Pharmaceutical Sciences, 2022, 2022, 1-9.	1.3	8
45	Serum leptin and lactational amenorrhea in well-nourished and undernourished lactating women. Fertility and Sterility, 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. BMC Research Notes, 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. BMC Research Notes, 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. Endocrine, 2015, 48, 1010-1012.	2.3	7
49	Rhizome extracts of Curcuma zedoaria Rosc induce caspase dependant apoptosis via generation of reactive oxygen species in filarial parasite Setaria digitata inÂvitro. Experimental Parasitology, 2016, 167, 50-60.	1.2	7
50	In silico characterization of a RNA binding protein of cattle filarial parasite Setaria digitata. Bioinformation, 2014, 10, 512-517.	0.5	7
51	Cytotoxic, Antioxidant and Apoptotic Effects of Twenty Sri Lankan Endemic Plants in Breast Cancer Cells. European Journal of Medicinal Plants, 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. Experimental and Therapeutic Medicine, 2011, 2, 1163-1170.	1.8	6
53	Feasibility of using paper impregnated with urine instead of liquid urine for assessing ovarian activity. Ceylon Medical Journal, 2011, 48, 4.	0.2	6
54	Cytotoxic and Apoptotic Effects of the Bark of Two Common Mango (Mangifera indica) Varieties from Sri Lanka on Breast and Ovarian Cancer Cells. British Journal of Pharmaceutical Research, 2016, 10, 1-7.	0.4	6

#	Article	IF	Citations
55	A new liposomal nanocarrier for co-delivery of gedunin and p-glycoprotein siRNA to target breast cancer stem cells. Natural Product Research, 2022, 36, 6389-6392.	1.8	6
56	The Genome of Setaria digitata: A Cattle Nematode Closely Related to Human Filarial Parasites. Genome Biology and Evolution, 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. BMC Cancer, 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. Journal of Food Quality, 2021, 2021, 1-10.	2.6	4
59	Synchronous Secretion of LH and Prolactin during the Normal Menstrual Cycle. Asia-Oceania Journal of Obstetrics and Gynaecology, 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. Familial Cancer, 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. Tropical Journal of Pharmaceutical Research, 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. Molecular Medicine Reports, 2019, 19, 2781-2791.	2.4	3
63	Identification of $3-\langle i>O-α-\langle scp> -arabinosyl oleanolic acid, a triterpenoid saponin, as a new breast cancer stem cell growth inhibitor. Natural Product Research, 2022, 36, 2923-2926.$	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. European Journal of Medicinal Plants, 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. Growth Hormone and IGF Research, 2018, 42-43, 94-101.	1.1	2
66	Vernolactone Promotes Apoptosis and Autophagy in Human Teratocarcinomal (NTERA-2) Cancer Stem-Like Cells. Stem Cells International, 2019, 2019, 1-12.	2.5	2
67	Isolation of Hopenone-I from the Leaves of Mangrove Plant Scyphiphora hydrophyllacea and Its Cytotoxic Properties. British Journal of Pharmaceutical Research, 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. Biomedical Reports, 2020, 12, 339-347.	2.0	2
69	Mitochondrial DNA (CA)n dinucleotide repeat variations in Sinhalese and Vedda populations in Sri Lanka. Genetica, 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. Asia-Oceania Journal of Obstetrics and Gynaecology, 1989, 15, 299-305.	0.0	1
71	Campnospermenone A, B and C, three new cytotoxic alkyl-hydroxycyclohexenones from Campnosperma zeylanica Thwaites leaves. Phytochemistry Letters, 2018, 24, 114-119.	1.2	1
72	Chitosan Nano-encapsulation Enhances Gedunin Cytotoxicity A gainst Human Non-small-cell Lung Cancer (NCI-H292) Cell Line. Drug Delivery Letters, 2017, 7, .	0.5	1

## Kamani Hemamala

#	Article	IF	CITATIONS
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	O
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