Meran Keshawa Ediriweera

List of Publications by Year
in descending order

42 papers	1,149 citations	516561 16 h-index	414303 32 g-index
42 all docs	42 docs citations	42 times ranked	1349 citing authors

#	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.	4.3	394
2	A Review on Ethnopharmacological Applications, Pharmacological Activities, and Bioactive Compounds ofMangifera indica(Mango). Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-24.	0.5	110
3	In vitro assays and techniques utilized in anticancer drug discovery. Journal of Applied Toxicology, 2019, 39, 38-71.	1.4	73
4	Emerging role of histone deacetylase inhibitors as anti-breast-cancer agents. Drug Discovery Today, 2019, 24, 685-702.	3.2	60
5	Pentadecanoic Acid, an Odd-Chain Fatty Acid, Suppresses the Stemness of MCF-7/SC Human Breast Cancer Stem-Like Cells through JAK2/STAT3 Signaling. Nutrients, 2020, 12, 1663.	1.7	56
6	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.	0.8	34
7	Phenethyl Isothiocyanate Suppresses Stemness in the Chemo- and Radio-Resistant Triple-Negative Breast Cancer Cell Line MDA-MB-231/IR Via Downregulation of Metadherin. Cancers, 2020, 12, 268.	1.7	28
8	Dietary flavonoid myricetin inhibits invasion and migration of radioresistant lung cancer cells (A549â€IR) by suppressing MMPâ€2 and MMPâ€9 expressions through inhibition of the FAKâ€ERK signaling pathway. Food Science and Nutrition, 2020, 8, 2059-2067.	1.5	28
9	In Vitro Anticancer Effect of Gedunin on Human Teratocarcinomal (NTERA-2) Cancer Stem-Like Cells. BioMed Research International, 2017, 2017, 1-9.	0.9	27
10	Odd-chain fatty acids as novel histone deacetylase 6 (HDAC6) inhibitors. Biochimie, 2021, 186, 147-156.	1.3	25
11	Targeting miRNAs by histone deacetylase inhibitors (HDACi): Rationalizing epigenetics-based therapies for breast cancer. , 2020, 206, 107437.		24
12	10-Gingerol Targets Lipid Rafts Associated PI3K/Akt Signaling in Radio-Resistant Triple Negative Breast Cancer Cells. Molecules, 2020, 25, 3164.	1.7	21
13	Cytotoxic and Apoptotic Effects of Govaniadine Isolated fromCorydalis govanianaWall. Roots on Human Breast Cancer (MCF-7) Cells. BioMed Research International, 2018, 2018, 1-11.	0.9	20
14	Catechol enhances chemoâ€' and radioâ€'sensitivity by targeting AMPK/Hippo signaling in pancreatic cancer cells. Oncology Reports, 2021, 45, 1133-1141.	1.2	20
15	Induction of Apoptosis in MCF-7 Breast Cancer Cells by Sri Lankan Endemic Mango (Mangifera) Tj ETQq1 1 0.784314 rgBT /Overlo Journal of Food Biochemistry, 2017, 41, e12294.	1.2	18
16	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.	2.0	17
17	A Study on Cytotoxic and Apoptotic Potential of a Triterpenoid Saponin (3-O-<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Isolated fromSchumacheria castaneifoliaVahl in Human Non-Small-Cell Lung Cancer (NCI-H292) Cells. BioMed Research International, 2017, 2017, 1-8.	0.9	16
18	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.	0.7	14

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19	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.	0.2	14
20	Metal-Amino Acid Nanofibers based Triboelectric Nanogenerator for Self-Powered Thioacetamide Sensor. ACS Applied Materials & Interfaces, 2021, 13, 18887-18896.	4.0	13
21	<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.	0.2	12
22	Effects of Cooking and Processing Methods on Phenolic Contents and Antioxidant and Anti-Proliferative Activities of Broccoli Florets. Antioxidants, 2021, 10, 641.	2.2	12
23	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.	2.5	11
24	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.	1.4	11
25	Isolation of cytotoxic triterpenes from the mangrove plant, Scyphiphora hydrophyllacea C.F.Gaertn (Rubiaceae). Tropical Journal of Pharmaceutical Research, 2018, 17, 475.	0.2	10
26	Anti-hepatocarcinogenic and anti-oxidant effects of mangrove plant Scyphiphora hydrophyllacea. Pharmacognosy Magazine, 2017, 13, 76.	0.3	10
27	Hexane Extract of Garcinia quaesita 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.	0.9	9
28	Antioxidant activity of banana flesh and antiproliferative effect on breast and pancreatic cancer cells. Food Science and Nutrition, 2022, 10, 740-750.	1.5	9
29	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.	0.9	8
30	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
31	Annona squamosa L. leaves inhibit alphaâ€melanocyteâ€stimulating hormone (Î±â€MSH) stimulated melanogenesis via p38 signalingÂpathway in B16F10 melanoma cells. Journal of Cosmetic Dermatology, 2020, 19, 1785-1792.	0.8	6
32	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
33	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.	1.0	6
34	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.	1.4	4
35	Impairment of Glucose Metabolism and Suppression of Stemness in MCF-7/SC Human Breast Cancer Stem Cells by Nootkatone. Pharmaceutics, 2022, 14, 906.	2.0	4
36	Identification of 3-O-Î±-<scp>l</scp>-arabinosyl oleanolic acid, a triterpenoid saponin, as a new breast cancer stem cell growth inhibitor. Natural Product Research, 2022, 36, 2923-2926.	1.0	3

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37	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
38	Vernolactone Promotes Apoptosis and Autophagy in Human Teratocarcinomal (NTERA-2) Cancer Stem-Like Cells. Stem Cells International, 2019, 2019, 1-12.	1.2	2
39	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
40	Campnospermenone A, B and C, three new cytotoxic alkyl-hydroxycyclohexenones from Campnosperma zeylanica Thwaites leaves. Phytochemistry Letters, 2018, 24, 114-119.	0.6	1
41	Chitosan Nano-encapsulation Enhances Gedunin Cytotoxicity A gainst Human Non-small-cell Lung Cancer (NCI-H292) Cell Line. Drug Delivery Letters, 2017, 7, .	0.2	1
42	In-vitro Anti-Proliferative Assays and Techniques Used in Pre-Clinical Anti-Cancer Drug Discovery. Frontiers in Anti-cancer Drug Discovery, 2019, , 43-61.	0.1	0