

Sameera Ranganath Samarakoon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4922875/publications.pdf>

Version: 2024-02-01

41
papers

1,133
citations

623734

14
h-index

414414

32
g-index

43
all docs

43
docs citations

43
times ranked

1532
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 | Emerging role of histone deacetylase inhibitors as anti-breast-cancer agents. <i>Drug Discovery Today</i> , 2019, 24, 685-702. | 6.4 | 60 |
| 5 | 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 |
| 6 | Chitosan-Alginate Nanoparticle System Efficiently Delivers Doxorubicin to MCF-7 Cells. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-12. | 2.7 | 47 |
| 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 | 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 |
| 9 | In Vitro Anticancer Effect of Gedunin on Human Teratocarcinoma (NTERA-2) Cancer Stem-Like Cells. <i>BioMed Research International</i> , 2017, 2017, 1-9. | 1.9 | 27 |
| 10 | Effect of natural curcuminoids intercalated layered double hydroxide nanohybrid against <i>Staphylococcus aureus</i> , <i>Pseudomonas aeruginosa</i> , and <i>Enterococcus faecalis</i> : Antibacterial, antibiofilm, and mechanistic study. <i>MicrobiologyOpen</i> , 2019, 8, e00723. | 3.0 | 25 |
| 11 | 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 |
| 12 | 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 50 237 Td <i>Journal of Food Biochemistry</i> , 2017, 41, e12294. | 2.9 | 18 |
| 13 | New halogenated constituents from <i>Mangifera zeylanica</i> Hook.f. and their potential anti-cancer effects in breast and ovarian cancer cells. <i>Journal of Ethnopharmacology</i> , 2016, 189, 165-174. | 4.1 | 17 |
| 14 | A Study on Cytotoxic and Apoptotic Potential of a Triterpenoid Saponin (3-O- β -D-glucopyranosyl-28-O-acetyl-24-acetyl-23-O-acetyl-22-O-acetyl-21-O-acetyl-20-O-acetyl-19-O-acetyl-18-O-acetyl-17-O-acetyl-16-O-acetyl-15-O-acetyl-14-O-acetyl-13-O-acetyl-12-O-acetyl-11-O-acetyl-10-O-acetyl-9-O-acetyl-8-O-acetyl-7-O-acetyl-6-O-acetyl-5-O-acetyl-4-O-acetyl-3-O-acetyl-2-O-acetyl-1-O-acetyl-0-O-acetyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 237 Td Isolated from <i>Schumacheria castaneifolia</i> Vahl in Human Non-Small-Cell Lung Cancer (NCI-H292) Cells. <i>BioMed Research International</i> , 2017, 2017, 1-8. | 1.9 | 16 |
| 15 | Protective Effects of Six Selected Dietary Compounds against Leptin-Induced Proliferation of Oestrogen Receptor Positive (MCF-7) Breast Cancer Cells. <i>Medicines (Basel, Switzerland)</i> , 2017, 4, 56. | 1.4 | 14 |
| 16 | Induction of apoptosis in response to improved gedunin by liposomal nano-encapsulation in human non-small-cell lung cancer (NCI-H292) cell line. <i>Tropical Journal of Pharmaceutical Research</i> , 2017, 16, 2079. | 0.3 | 14 |
| 17 | Isolation of a new resorcinolic lipid from <i>Mangifera zeylanica</i> Hook.f. bark and its cytotoxic and apoptotic potential. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 194-200. | 5.6 | 11 |
| 18 | Evaluation of anticancer effects of a pharmaceutically viable extract of a traditional polyherbal mixture against non-small-cell lung cancer cells. <i>Journal of Integrative Medicine</i> , 2020, 18, 242-252. | 3.1 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Metalloestrogen cadmium stimulates proliferation of stromal cells derived from the eutopic endometrium of women with endometriosis. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2013, 52, 540-545. | 1.3 | 10 |
| 20 | Modulation of expression of heat shock proteins and apoptosis by <i>Flueggea leucopyrus</i> (Willd) decoction in three breast cancer phenotypes. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 404. | 3.7 | 10 |
| 21 | Anti-hepatocarcinogenic and anti-oxidant effects of mangrove plant <i>Scyphiphora hydrophyllacea</i> . <i>Pharmacognosy Magazine</i> , 2017, 13, 76. | 0.6 | 10 |
| 22 | Protective Effect of a Polyherbal Aqueous Extract Comprised of <i>Nigella sativa</i> (Seeds), <i>Hemidesmus indicus</i> (Roots), and <i>Smilax glabra</i> (Rhizome) on Bleomycin Induced Cytogenetic Damage in Human Lymphocytes. <i>BioMed Research International</i> , 2017, 2017, 1-7. | 1.9 | 9 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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, 2022, 1-9. | 1.3 | 8 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | An efficient and high-yielding method for extraction and purification of linamarin from Cassava; <i>in vitro</i> biological evaluation. <i>Natural Product Research</i> , 2021, 35, 4169-4172. | 1.8 | 5 |
| 30 | 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 |
| 31 | Synthesis, characterization and biological evaluation of dipicolylamine sulfonamide derivatized platinum complexes as potential anticancer agents. <i>RSC Advances</i> , 2021, 11, 17658-17668. | 3.6 | 5 |
| 32 | A Novel Cytotoxic Compound From the Endolichenic Fungus, <i>Xylaria psidii</i> Inhabiting the Lichen, <i>Amandinea medusulina</i> . <i>Natural Product Communications</i> , 2020, 15, 1934578X2093301. | 0.5 | 4 |
| 33 | 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 |
| 34 | Identification of 3-O- β -arabinosyl 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 |
| 35 | 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 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Anti-diabetic and anti-cancer related health food properties of selected Sri Lankan traditional rice based porridges. <i>Journal of Food Science and Technology</i> , 2022, 59, 3745-3753. | 2.8 | 2 |
| 38 | 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 |
| 39 | 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 |
| 40 | <i>Mangifera indica</i> and <i>Mangifera zeylanica</i> : Perspectives on medicinal properties, therapeutic applications and potential uses as anticancer epigenetic drugs (Review). <i>International Journal of Epigenetics</i> , 2022, 2, . | 0.5 | 1 |
| 41 | A molecular-genetics perspective on the systematics of the parthenogenetic flowerpot blindsnake <i>Indotyphlops braminus</i> (Daudin, 1803) (Squamata: Serpentes: Typhlopidae). <i>Systematics and Biodiversity</i> , 2022, 20, 1-16. | 1.2 | 1 |