

Kodappully Sivaraman Siveen

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

4,306
citations

101496

36
h-index

110317

64
g-index

70
all docs

70
docs citations

70
times ranked

6208
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting the STAT3 signaling pathway in cancer: Role of synthetic and natural inhibitors. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1845, 136-154.	3.3	427
2	Role of macrophages in tumour progression. <i>Immunology Letters</i> , 2009, 123, 97-102.	1.1	310
3	Analysis of the intricate relationship between chronic inflammation and cancer. <i>Biochemical Journal</i> , 2015, 468, 1-15.	1.7	172
4	Nimbolide-Induced Oxidative Stress Abrogates STAT3 Signaling Cascade and Inhibits Tumor Growth in Transgenic Adenocarcinoma of Mouse Prostate Model. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 575-589.	2.5	146
5	Isorhamnetin augments the anti-tumor effect of capecitabine through the negative regulation of NF- κ B signaling cascade in gastric cancer. <i>Cancer Letters</i> , 2015, 363, 28-36.	3.2	143
6	Vascular Endothelial Growth Factor (VEGF) Signaling in Tumour Vascularization: Potential and Challenges. <i>Current Vascular Pharmacology</i> , 2017, 15, 339-351.	0.8	143
7	Simvastatin sensitizes human gastric cancer xenograft in nude mice to capecitabine by suppressing nuclear factor-kappa B-regulated gene products. <i>Journal of Molecular Medicine</i> , 2014, 92, 267-276.	1.7	142
8	Thymoquinone overcomes chemoresistance and enhances the anticancer effects of bortezomib through abrogation of NF- κ B regulated gene products in multiple myeloma xenograft mouse model. <i>Oncotarget</i> , 2014, 5, 634-648.	0.8	142
9	β -tocotrienol inhibits angiogenesis-dependent growth of human hepatocellular carcinoma through abrogation of AKT/mTOR pathway in an orthotopic mouse model. <i>Oncotarget</i> , 2014, 5, 1897-1911.	0.8	138
10	Isorhamnetin Inhibits Proliferation and Invasion and Induces Apoptosis through the Modulation of Peroxisome Proliferator-activated Receptor β Activation Pathway in Gastric Cancer. <i>Journal of Biological Chemistry</i> , 2012, 287, 38028-38040.	1.6	124
11	RAS-mediated oncogenic signaling pathways in human malignancies. <i>Seminars in Cancer Biology</i> , 2019, 54, 1-13.	4.3	115
12	Targeting acute myeloid leukemia stem cell signaling by natural products. <i>Molecular Cancer</i> , 2017, 16, 13.	7.9	104
13	Ascochlorin, an isoprenoid antibiotic inhibits growth and invasion of hepatocellular carcinoma by targeting STAT3 signaling cascade through the induction of PIAS3. <i>Molecular Oncology</i> , 2015, 9, 818-833.	2.1	100
14	Oleanane triterpenoids in the prevention and therapy of breast cancer: current evidence and future perspectives. <i>Phytochemistry Reviews</i> , 2014, 13, 793-810.	3.1	98
15	Silymarin and hepatocellular carcinoma. <i>Anti-Cancer Drugs</i> , 2015, 26, 475-486.	0.7	93
16	<sc>microRNAs</sc> in breast cancer: regulatory roles governing the hallmarks of cancer. <i>Biological Reviews</i> , 2016, 91, 409-428.	4.7	86
17	Negative regulation of signal transducer and activator of transcription-3 signalling cascade by lupeol inhibits growth and induces apoptosis in hepatocellular carcinoma cells. <i>British Journal of Cancer</i> , 2014, 111, 1327-1337.	2.9	85
18	Role of Non Receptor Tyrosine Kinases in Hematological Malignancies and its Targeting by Natural Products. <i>Molecular Cancer</i> , 2018, 17, 31.	7.9	79

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19	Garcinol sensitizes human head and neck carcinoma to cisplatin in a xenograft mouse model despite downregulation of proliferative biomarkers. <i>Oncotarget</i> , 2015, 6, 5147-5163.	0.8	79
20	Cytokine-chemokine network driven metastasis in esophageal cancer; promising avenue for targeted therapy. <i>Molecular Cancer</i> , 2021, 20, 2.	7.9	76
21	Abrogation of STAT3 signaling cascade by zerumbone inhibits proliferation and induces apoptosis in renal cell carcinoma xenograft mouse model. <i>Molecular Carcinogenesis</i> , 2015, 54, 971-985.	1.3	70
22	Cardamonin represses proliferation, invasion, and causes apoptosis through the modulation of signal transducer and activator of transcription 3 pathway in prostate cancer. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 158-168.	2.2	66
23	Novel Synthetic Biscoumarins Target Tumor Necrosis Factor- α in Hepatocellular Carcinoma in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2014, 289, 31879-31890.	1.6	63
24	Novel synthetic coumarins that targets NF- κ B in Hepatocellular carcinoma. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 893-897.	1.0	63
25	Celastrol Attenuates the Invasion and Migration and Augments the Anticancer Effects of Bortezomib in a Xenograft Mouse Model of Multiple Myeloma. <i>Frontiers in Pharmacology</i> , 2018, 9, 365.	1.6	58
26	Curcumin-Mediated Apoptotic Cell Death in Papillary Thyroid Cancer and Cancer Stem-Like Cells through Targeting of the JAK/STAT3 Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 438.	1.8	57
27	Emodin Suppresses Migration and Invasion through the Modulation of CXCR4 Expression in an Orthotopic Model of Human Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2013, 8, e57015.	1.1	57
28	Curcumin Induces Apoptotic Cell Death via Inhibition of PI3-Kinase/AKT Pathway in B-Precursor Acute Lymphoblastic Leukemia. <i>Frontiers in Oncology</i> , 2019, 9, 484.	1.3	56
29	Accelerated lipid catabolism and autophagy are cancer survival mechanisms under inhibited glutaminolysis. <i>Cancer Letters</i> , 2018, 430, 133-147.	3.2	54
30	Inhibition of p300 lysine acetyltransferase activity by luteolin reduces tumor growth in head and neck squamous cell carcinoma (HNSCC) xenograft mouse model. <i>Oncotarget</i> , 2015, 6, 43806-43818.	0.8	52
31	Potential Benefits of Edible Berries in the Management of Aerodigestive and Gastrointestinal Tract Cancers: Preclinical and Clinical Evidence. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 1753-1775.	5.4	47
32	Vitexin abrogates invasion and survival of hepatocellular carcinoma cells through targeting STAT3 signaling pathway. <i>Biochimie</i> , 2020, 175, 58-68.	1.3	47
33	Thujone inhibits lung metastasis induced by B16F-10 melanoma cells in C57BL/6 mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2011, 89, 691-703.	0.7	45
34	Development of Novel Triazolo-Thiadiazoles from Heterogeneous α -Catalysis as Protein Tyrosine Phosphatase 1B Inhibitors. <i>Scientific Reports</i> , 2015, 5, 14195.	1.6	44
35	The Role of Extracellular Vesicles as Modulators of the Tumor Microenvironment, Metastasis and Drug Resistance in Colorectal Cancer. <i>Cancers</i> , 2019, 11, 746.	1.7	42
36	TRPV2: A Cancer Biomarker and Potential Therapeutic Target. <i>Disease Markers</i> , 2020, 2020, 1-10.	0.6	42

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37	Development of a 43 color panel for the characterization of conventional and unconventional Tâ€cell subsets, B cells, <scp>NK</scp> cells, monocytes, dendritic cells, and innate lymphoid cells using spectral flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, . . .	1.1	40
38	Synthesis, biological evaluation and <i>in silico</i> and <i>in vitro</i> mode-of-action analysis of novel dihydropyrimidones targeting PPAR-Î³. <i>RSC Advances</i> , 2014, 4, 45143-45146.	1.7	37
39	An anthraquinone derivative, emodin sensitizes hepatocellular carcinoma cells to TRAIL induced apoptosis through the induction of death receptors and downregulation of cell survival proteins. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1175-1187.	2.2	36
40	Bortezomib-mediated downregulation of S-phase kinase protein-2 (SKP2) causes apoptotic cell death in chronic myelogenous leukemia cells. <i>Journal of Translational Medicine</i> , 2016, 14, 69.	1.8	36
41	Targeting of X-linked inhibitor of apoptosis protein and PI3-kinase/AKT signaling by embelin suppresses growth of leukemic cells. <i>PLoS ONE</i> , 2017, 12, e0180895.	1.1	36
42	Sanguinarine Induces Apoptosis Pathway in Multiple Myeloma Cell Lines via Inhibition of the Jak2/STAT3 Signaling. <i>Frontiers in Oncology</i> , 2019, 9, 285.	1.3	31
43	Inhibition of metastasis of B16F-10 melanoma cells in C57BL/6 mice by an extract of <i>Calendula officinalis</i> L flowers. <i>Asian Pacific Journal of Cancer Prevention</i> , 2010, 11, 1773-9.	0.5	31
44	Lipids and insulin regulate mitochondrialâ€derived peptide (MOTSâ€) in PCOS and healthy subjects. <i>Clinical Endocrinology</i> , 2019, 91, 278-287.	1.2	29
45	Sanguinarine suppresses growth and induces apoptosis in childhood acute lymphoblastic leukemia. <i>Leukemia and Lymphoma</i> , 2019, 60, 782-794.	0.6	29
46	Crocetin imparts antiproliferative activity via inhibiting <scp>STAT3</scp> signaling in hepatocellular carcinoma. <i>IUBMB Life</i> , 2021, 73, 1348-1362.	1.5	25
47	Sanguinarine mediated apoptosis in Non-Small Cell Lung Cancer via generation of reactive oxygen species and suppression of JAK/STAT pathway. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112358.	2.5	25
48	Augmentation of humoral and cell mediated immune responses by Thujone. <i>International Immunopharmacology</i> , 2011, 11, 1967-1975.	1.7	24
49	Greensporone C, a Freshwater Fungal Secondary Metabolite Induces Mitochondrial-Mediated Apoptotic Cell Death in Leukemic Cell Lines. <i>Frontiers in Pharmacology</i> , 2018, 9, 720.	1.6	23
50	Phytochemicals in Cancer Prevention and Therapy. <i>BioMed Research International</i> , 2015, 2015, 1-2.	0.9	22
51	Diosgenin attenuates tumor growth and metastasis in transgenic prostate cancer mouse model by negatively regulating both NF-ÎºB/STAT3 signaling cascades. <i>European Journal of Pharmacology</i> , 2021, 906, 174274.	1.7	21
52	Curcumin-Mediated Degradation of S-Phase Kinase Protein 2 Induces Cytotoxic Effects in Human Papillomavirus-Positive and Negative Squamous Carcinoma Cells. <i>Frontiers in Oncology</i> , 2018, 8, 399.	1.3	19
53	Evaluation of cationic channel TRPV2 as a novel biomarker and therapeutic target in Leukemia-Implications concerning the resolution of pulmonary inflammation. <i>Scientific Reports</i> , 2019, 9, 1554.	1.6	18
54	Sanguinarine Induces Apoptosis in Papillary Thyroid Cancer Cells via Generation of Reactive Oxygen Species. <i>Molecules</i> , 2020, 25, 1229.	1.7	17

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55	Role of non-coding RNAs in the progression and resistance of cutaneous malignancies and autoimmune diseases. <i>Seminars in Cancer Biology</i> , 2022, 83, 208-226.	4.3	16
56	Protein arginine methyltransferase 5 (PRMT5) activates WNT/ β -catenin signalling in breast cancer cells via epigenetic silencing of DKK1 and DKK3. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 1583-1600.	1.6	16
57	Dysregulated Phosphorylation of p53, Autophagy and Stemness Attributes the Mutant p53 Harboring Colon Cancer Cells Impaired Sensitivity to Oxaliplatin. <i>Frontiers in Oncology</i> , 2020, 10, 1744.	1.3	14
58	Novel phospholipase A2 inhibitors from python serum are potent peptide antibiotics. <i>Biochimie</i> , 2015, 111, 30-44.	1.3	13
59	Greensporone A, a Fungal Secondary Metabolite Suppressed Constitutively Activated AKT via ROS Generation and Induced Apoptosis in Leukemic Cell Lines. <i>Biomolecules</i> , 2019, 9, 126.	1.8	13
60	Dynamic Changes in Circulating Endocrine FGF19 Subfamily and Fetuin-A in Response to Intralipid and Insulin Infusions in Healthy and PCOS Women. <i>Frontiers in Endocrinology</i> , 2020, 11, 568500.	1.5	10
61	Inhibition of p90 ribosomal S6 kinase potentiates cisplatin activity in A549 human lung adenocarcinoma cells. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1536-1545.	1.2	9
62	Persistent anti-NY-ESO-1-specific T cells and expression of differential biomarkers in a patient with metastatic gastric cancer benefiting from combined radioimmunotherapy treatment: a case report. , 2020, 8, e001278.		9
63	Effect of <i>Aerva lanata</i> on cell-mediated immune responses and cytotoxic T-lymphocyte generation in normal and tumor-bearing mice. <i>Journal of Immunotoxicology</i> , 2012, 9, 25-33.	0.9	8
64	Synthesis and biological evaluation of tetrahydropyridinepyrazoles (â€”PFPsâ€”™) as inhibitors of STAT3 phosphorylation. <i>MedChemComm</i> , 2014, 5, 32.	3.5	7
65	Functional characterization of selective exosite-binding inhibitors of matrix metalloproteinase-13 (MMP-13) â€” experimental validation in human breast and colon cancer. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 2122-2131.	0.6	7
66	Inhibition of B16F-10 Melanomaâ€”Induced Lung Metastasis in C57BL/6 Mice by <i>Aerva lanata</i> via Induction of Apoptosis. <i>Integrative Cancer Therapies</i> , 2013, 12, 81-92.	0.8	6
67	Downregulation of Lymphoid enhancerâ€”binding factor 1 (<i>LEFâ€”1</i>) <i>expression (by) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 immunophenotypic and cytologic features. <i>International Journal of Laboratory Hematology</i> , 2021, 43, 515-525.	0.7	6
68	Regulation of circulating CTRP-2/CTRP-9 and GDF-8/GDF-15 by intralipids and insulin in healthy control and polycystic ovary syndrome women following chronic exercise training. <i>Lipids in Health and Disease</i> , 2021, 20, 34.	1.2	5
69	Isorhamnetin inhibits proliferation and invasion and induces apoptosis through the modulation of peroxisome proliferator-activated receptor β activation pathway in gastric cancer.. <i>Journal of Biological Chemistry</i> , 2013, 288, 18777.	1.6	0