

Bharath Kumar Velmurugan

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,885
citations

331538

21
h-index

276775

41
g-index

61
all docs

61
docs citations

61
times ranked

3317
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Glycyrrhiza uralensis</i> root extract ameliorates high glucose-induced renal proximal tubular fibrosis by attenuating tubular epithelial-myofibroblast transdifferentiation by targeting TGF- β 1/Smad/Stat3 pathway. <i>Journal of Food Biochemistry</i> , 2022, 46, e14041.	1.2	7
2	Induction of Human Umbilical Mesenchymal Stem Cell Differentiation Into Retinal Pigment Epithelial Cells Using a Transwell-Based Co-culture System. <i>Cell Transplantation</i> , 2022, 31, 096368972210859.	1.2	3
3	Dehydrocrenatidine Induces Liver Cancer Cell Apoptosis by Suppressing JNK-Mediated Signaling. <i>Pharmaceuticals</i> , 2022, 15, 402.	1.7	1
4	Artificial muscle like behavior of polypyrrole polyethylene oxide independent of applied potential ranges. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	6
5	Cardiovascular Disease and Possible Ways in Which Lycopene Acts as an Efficient Cardio-Protectant against Different Cardiovascular Risk Factors. <i>Molecules</i> , 2022, 27, 3235.	1.7	10
6	Regulating Inflammation Associated Ferroptosis - A Treatment Strategy for Parkinson Disease. <i>Current Medicinal Chemistry</i> , 2021, 28, 6895-6914.	1.2	8
7	Platyphyllenone Exerts Anti-Metastatic Effects on Human Oral Cancer Cells by Modulating Cathepsin L Expression, MAPK Pathway and Epithelial-Mesenchymal Transition. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5012.	1.8	4
8	Dehydrocrenatidine inhibits head and neck cancer cells invasion and migration by modulating JNK1/2 and ERK1/2 pathway and decreases MMP-2 expression. <i>Environmental Toxicology</i> , 2021, 36, 1848-1856.	2.1	8
9	Ion Mobility in Thick and Thin Poly-3,4 Ethylenedioxythiophene Films From EQCM to Actuation. <i>Polymers</i> , 2021, 13, 2448.	2.0	0
10	Functional role of ferroptosis on cancers, activation and deactivation by various therapeutic candidates-an update. <i>Chemico-Biological Interactions</i> , 2020, 317, 108930.	1.7	25
11	Effects of phytochemicals on cellular signaling: reviewing their recent usage approaches. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 3522-3546.	5.4	16
12	Sodium Danshensu Inhibits Oral Cancer Cell Migration and Invasion by Modulating p38 Signaling Pathway. <i>Frontiers in Endocrinology</i> , 2020, 11, 568436.	1.5	16
13	Increased Expression of p-GSK3 β Predicts Poor Survival in T III/IV Stage OSCC Patients. <i>In Vivo</i> , 2020, 34, 1805-1809.	0.6	1
14	Danshen (<i>Salvia miltiorhiza</i>) inhibits Leu27 IGF-1 induced hypertrophy in H9c2 cells. <i>Environmental Toxicology</i> , 2020, 35, 1043-1049.	2.1	2
15	Insulinoma-associated protein 1 (INSM1): a potential biomarker and therapeutic target for neuroendocrine tumors. <i>Cellular Oncology (Dordrecht)</i> , 2020, 43, 367-376.	2.1	19
16	Bacterial and viral vectors as vaccine delivery vehicles for breast cancer therapy. <i>Life Sciences</i> , 2020, 250, 117550.	2.0	20
17	Combination of celecoxib and calyculin-A inhibits epithelial-mesenchymal transition in human oral cancer cells. <i>Biotechnic and Histochemistry</i> , 2020, 95, 341-348.	0.7	6
18	Luteolin-7-O-Glucoside Inhibits Oral Cancer Cell Migration and Invasion by Regulating Matrix Metalloproteinase-2 Expression and Extracellular Signal-Regulated Kinase Pathway. <i>Biomolecules</i> , 2020, 10, 502.	1.8	24

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19	<p>c-MYC expression in T (III/IV) stage oral squamous cell carcinoma (OSCC) patients</p>. Cancer Management and Research, 2019, Volume 11, 5163-5169.	0.9	11
20	Impact of Polymorphisms in Casein Kinase 1 Epsilon and Environmental Factors in Oral Cancer Susceptibility. Journal of Cancer, 2019, 10, 5065-5069.	1.2	6
21	A haplotype-specific linkage disequilibrium pattern of monoamine oxidase A gene associated with regular smoking in women. Journal of Gene Medicine, 2019, 21, e3142.	1.4	1
22	UNC13C Suppress Tumor Progression via Inhibiting EMT Pathway and Improves Survival in Oral Squamous Cell Carcinoma. Frontiers in Oncology, 2019, 9, 728.	1.3	15
23	Detailed insight on β -adrenoceptors as therapeutic targets. Biomedicine and Pharmacotherapy, 2019, 117, 109039.	2.5	28
24	<p>CIP2A overexpression in Taiwanese oral cancer patients</p>. Cancer Management and Research, 2019, Volume 11, 2589-2594.	0.9	4
25	<i>Antrodia cinnamomea</i> – An updated minireview of its bioactive components and biological activity. Journal of Food Biochemistry, 2019, 43, e12936.	1.2	33
26	KHC-4 inhibits β -catenin expression in prostate cancer cells. Biotechnic and Histochemistry, 2019, 94, 374-380.	0.7	0
27	Innate immune responses of tilapia (<i>Oreochromis mossambicus</i>) exposure to acute cold stress. Journal of Cellular Physiology, 2019, 234, 16125-16135.	2.0	20
28	Medicinal Use of Synthetic Cannabinoids – a Mini Review. Current Pharmacology Reports, 2019, 5, 1-13.	1.5	14
29	Pharmacological activities of antroquinonol- Mini review. Chemico-Biological Interactions, 2019, 297, 8-15.	1.7	23
30	Biomaterial aided differentiation and maturation of induced pluripotent stem cells. Journal of Cellular Physiology, 2019, 234, 8443-8454.	2.0	13
31	Pharmacological benefits of neferine - A comprehensive review. Life Sciences, 2018, 199, 60-70.	2.0	75
32	Fisetin mediated apoptotic cell death in parental and Oxaliplatin/irinotecan resistant colorectal cancer cells in vitro and in vivo. Journal of Cellular Physiology, 2018, 233, 7134-7142.	2.0	39
33	Role of lncRNAs in the cancer development and progression and their regulation by various phytochemicals. Biomedicine and Pharmacotherapy, 2018, 102, 242-248.	2.5	50
34	Toxicity of Doxorubicin (Dox) to different experimental organ systems. Life Sciences, 2018, 200, 26-30.	2.0	297
35	PP2A deactivation is a common event in oral cancer and reactivation by FTY720 shows promising therapeutic potential. Journal of Cellular Physiology, 2018, 233, 1300-1311.	2.0	17
36	Fenofibrate induced PPAR α expression was attenuated by oestrogen receptor α overexpression in Hep3B cells. Environmental Toxicology, 2018, 33, 234-247.	2.1	12

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37	Neuroprotective Role of Phytochemicals. <i>Molecules</i> , 2018, 23, 2485.	1.7	96
38	A minireview of E4BP4/NFIL3 in heart failure. <i>Journal of Cellular Physiology</i> , 2018, 233, 8458-8466.	2.0	9
39	DDR2 overexpression in oral squamous cell carcinoma is associated to lymph node metastasis. <i>Cancer Biomarkers</i> , 2018, 22, 747-753.	0.8	11
40	Therapeutic applications of cannabinoids. <i>Chemico-Biological Interactions</i> , 2018, 293, 77-88.	1.7	55
41	Protein phosphatase 2A as therapeutic targets in various disease models. <i>Life Sciences</i> , 2018, 210, 40-46.	2.0	48
42	16-Hydroxycyclohexa-3,13-dien-15,16-olide and N-Methyl-Actinodaphine Potentiate Tamoxifen-Induced Cell Death in Breast Cancer. <i>Molecules</i> , 2018, 23, 1966.	1.7	6
43	Excavatolide B inhibits nonsmall cell lung cancer proliferation by altering peroxisome proliferator activated receptor gamma expression and $\langle scp \rangle$ PTEN/AKT/NF κ B $\langle /scp \rangle$ expression. <i>Environmental Toxicology</i> , 2017, 32, 290-301.	2.1	18
44	Estrogen and ER β enhanced β -catenin degradation and suppressed its downstream target genes to block the metastatic function of HA22T hepatocellular carcinoma cells via modulating GSK β and β -catenin expression. <i>Environmental Toxicology</i> , 2017, 32, 519-529.	2.1	12
45	High density lipoprotein (HDL) reverses palmitic acid induced energy metabolism imbalance by switching CD36 and GLUT4 signaling pathways in cardiomyocyte. <i>Journal of Cellular Physiology</i> , 2017, 232, 3020-3029.	2.0	12
46	17 β -Estradiol and/or estrogen receptor alpha blocks isoproterenol-induced calcium accumulation and hypertrophy via GSK3 β /PP2A/NFAT3/ANP pathway. <i>Molecular and Cellular Biochemistry</i> , 2017, 434, 181-195.	1.4	7
47	Preventive effect of celecoxib use against cancer progression and occurrence of oral squamous cell carcinoma. <i>Scientific Reports</i> , 2017, 7, 6235.	1.6	26
48	A review on the effects of current chemotherapy drugs and natural agents in treating non-small cell		

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55	Activation of estrogen receptors with E2 downregulates peroxisome proliferator-activated receptor β in hepatocellular carcinoma. <i>Oncology Reports</i> , 2013, 30, 3027-3031.	1.2	29
56	Estrogen receptor β (ESR1) over-expression mediated apoptosis in Hep3B cells by binding with SP1 proteins. <i>Journal of Molecular Endocrinology</i> , 2013, 51, 203-212.	1.1	35
57	Antroquinonol inhibits NSCLC proliferation by altering PI3K/mTOR proteins and miRNA expression profiles. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 707, 42-52.	0.4	56
58	Antiproliferative effect of <i>Toona sinensis</i> leaf extract on non-small-cell lung cancer. <i>Translational Research</i> , 2010, 155, 305-314.	2.2	20
59	Effects of serum on phagocytic activity and proteomic analysis of tilapia (<i>Oreochromis mossambicus</i>) serum after acute osmotic stress. <i>Fish and Shellfish Immunology</i> , 2009, 26, 760-767.	1.6	22
60	Acute osmotic stress affects <i>Tilapia</i> (<i>Oreochromis mossambicus</i>) innate immune responses. <i>Fish and Shellfish Immunology</i> , 2008, 25, 841-846.	1.6	69