

# Appu Rathinavelu

## List of Publications by Year in descending order

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33  
papers

619  
citations

759233

12  
h-index

580821

25  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix Metalloproteinases: A challenging paradigm of cancer management. <i>Seminars in Cancer Biology</i> , 2019, 56, 100-115.	9.6	169
2	Phycocyanin Induces Apoptosis and Enhances the Effect of Topotecan on Prostate Cell Line LNCaP. <i>Journal of Medicinal Food</i> , 2012, 15, 1091-1095.	1.5	68
3	Bromelain-Induced Apoptosis in GI-101A Breast Cancer Cells. <i>Journal of Medicinal Food</i> , 2012, 15, 344-349.	1.5	48
4	Induction of Apoptosis in HeLa Cells via Caspase Activation by Resveratrol and Genistein. <i>Journal of Medicinal Food</i> , 2013, 16, 139-146.	1.5	48
5	Anticancer activities of genistein+topotecan combination in prostate cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2631-2636.	3.6	46
6	Differential Mechanisms of Cell Death Induced by HDAC Inhibitor SAHA and MDM2 Inhibitor RG7388 in MCF-7 Cells. <i>Cells</i> , 2019, 8, 8.	4.1	32
7	A novel regulation of VEGF expression by HIF-1 $\alpha$ and STAT3 in HDM2 transfected prostate cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1750-1757.	3.6	24
8	MDM2 Overexpression Modulates the Angiogenesis-Related Gene Expression Profile of Prostate Cancer Cells. <i>Cells</i> , 2018, 7, 41.	4.1	22
9	Apoptosis Induction by Ocimum sanctum Extract in LNCaP Prostate Cancer Cells. <i>Journal of Medicinal Food</i> , 2015, 18, 776-785.	1.5	20
10	Cell Cycle Arrest and Cytotoxic Effects of SAHA and RG7388 Mediated through p21WAF1/CIP1 and p27KIP1 in Cancer Cells. <i>Medicina (Lithuania)</i> , 2019, 55, 30.	2.0	18
11	Molecular mechanism of C-phycocyanin induced apoptosis in LNCaP cells. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115272.	3.0	15
12	Regulation of cell cycle by MDM2 in prostate cancer cells through Aurora Kinase-B and p21WAF1/CIP1 mediated pathways. <i>Cellular Signalling</i> , 2020, 66, 109435.	3.6	13
13	Anti-cancer effects of F16: A novel vascular endothelial growth factor receptor-specific inhibitor. <i>Tumor Biology</i> , 2017, 39, 101042831772684.	1.8	12
14	Detection of HDM2 and VEGF co-expression in cancer cell lines: novel effect of HDM2 antisense treatment on VEGF expression. <i>Life Sciences</i> , 2007, 81, 1362-1372.	4.3	11
15	Expression of Vascular Endothelial Growth Factor mRNA in GI-101A and HL-60 Cell Lines. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 709-713.	2.1	10
16	Identification of novel angiogenesis inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4125-4129.	2.2	10
17	Identification of HDM2 as a regulator of VEGF expression in cancer cells. <i>Life Sciences</i> , 2008, 82, 1231-1241.	4.3	10
18	Pro-angiogenic effects of MDM2 through HIF-1 $\alpha$ and NF- $\kappa$ B mediated mechanisms in LNCaP prostate cancer cells. <i>Molecular Biology Reports</i> , 2014, 41, 5533-5541.	2.3	8

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19	The Effects of the Herbal Enzyme Bromelain Against Breast Cancer Cell Line GI101A. FASEB Journal, 2009, 23, LB18.	0.5	8
20	Differential mechanisms involved in RG-7388 and Nutlin-3 induced cell death in SJS-A1 osteosarcoma cells. Cellular Signalling, 2020, 75, 109742.	3.6	6
21	The apoptotic effect of GSK-3 inhibitors: BIO and CHIR 98014 on H1975 lung cancer cells through ROS generation and mitochondrial dysfunction. Biotechnology Letters, 2020, 42, 1351-1368.	2.2	4
22	Effect of the HDAC Inhibitor on Histone Acetylation and Methyltransferases in A2780 Ovarian Cancer Cells. Medicina (Lithuania), 2021, 57, 456.	2.0	4
23	Liquid Chromatographic Method with Electrochemical Detection for Determination of Cisapride in Serum. Journal of AOAC INTERNATIONAL, 2001, 84, 9-12.	1.5	2
24	Anti-angiogenic and pro-apoptotic effects of a small-molecule JFD-WS in in vitro and breast cancer xenograft mouse models. Oncology Reports, 2018, 39, 1711-1724.	2.6	2
25	Abstract 80: Analysis of the regulation of angiogenesis pathway by inhibiting MDM2 function in LNCaP-MST prostate cancer cells using PCR array. , 2015, , .		2
26	Activation of the intrinsic-apoptotic pathway in LNCaP prostate cancer cells by genistein- topotecan combination treatments. Functional Foods in Health and Disease, 2013, 3, 66.	0.6	2
27	Abstract 5318: Effect of C-phycoyanin on the anticancer properties of taxol and topotecan in lung cancer implanted athymic nude mice. , 2015, , .		1
28	Abstract 195: Evaluation of the cell surface binding of phycocyanin and associated mechanisms causing cell death in prostate cancer cells. , 2017, , .		1
29	Comparative Effects of HDAC Inhibitor SAHA and MDM2 Inhibitor RG7388 in LNCaP Prostate Cancer Cells. Biomedical Journal of Scientific & Technical Research, 2018, 8, .	0.1	1
30	Evaluation of antitumor effects of VEGFR-2 inhibitor F16 in a colorectal xenograft model. Biotechnology Letters, 2022, 44, 787-801.	2.2	1
31	Evaluation of anti-angiogenic agent F16 for targeting glioblastoma xenograft tumors. Cancer Genetics, 2022, 264-265, 71-89.	0.4	1
32	REGULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) EXPRESSION BY AP-1 PROMOTER PATHWAY. Biochemical Society Transactions, 2000, 28, A237-A237.	3.4	0
33	Key Genes in Prostate Cancer Progression: Role of MDM2, PTEN, and TMPRSS2-ERG Fusions. , 2016, , .		0