

Gaurisankar Sa

List of Publications by Year in descending order

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81
papers

4,154
citations

117625

34
h-index

118850

62
g-index

83
all docs

83
docs citations

83
times ranked

5787
citing authors

#	ARTICLE	IF	CITATIONS
1	Curcumin induces apoptosis in human breast cancer cells through p53-dependent Bax induction. <i>FEBS Letters</i> , 2002, 512, 334-340.	2.8	358
2	Anti cancer effects of curcumin: cycle of life and death. <i>Cell Division</i> , 2008, 3, 14.	2.4	296
3	Curcumin Selectively Induces Apoptosis in Deregulated Cyclin D1-expressed Cells at G2 Phase of Cell Cycle in a p53-dependent Manner. <i>Journal of Biological Chemistry</i> , 2005, 280, 20059-20068.	3.4	279
4	Curcumin reverses T cell-mediated adaptive immune dysfunctions in tumor-bearing hosts. <i>Cellular and Molecular Immunology</i> , 2010, 7, 306-315.	10.5	158
5	New insights into therapeutic activity and anticancer properties of curcumin. <i>Journal of Experimental Pharmacology</i> , 2017, Volume 9, 31-45.	3.2	155
6	Activation of Cytosolic Phospholipase A by Basic Fibroblast Growth Factor via a p42 Mitogen-activated Protein Kinase-dependent Phosphorylation Pathway in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 2360-2366.	3.4	150
7	Pomegranate reverses methotrexate-induced oxidative stress and apoptosis in hepatocytes by modulating Nrf2-NF- κ B pathways. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 2040-2050.	4.2	126
8	Mechanisms of Curcumin-Induced Apoptosis of Ehrlich's Ascites Carcinoma Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 288, 658-665.	2.1	118
9	Curcumin and tumor immune-editing: resurrecting the immune system. <i>Cell Division</i> , 2015, 10, 6.	2.4	105
10	Tumor-Induced Oxidative Stress Perturbs Nuclear Factor- κ B Activity-Augmenting Tumor Necrosis Factor- α -Mediated T-Cell Death: Protection by Curcumin. <i>Cancer Research</i> , 2007, 67, 362-370.	0.9	99
11	Curcumin Prevents Tumor-induced T Cell Apoptosis through Stat-5a-mediated Bcl-2 Induction. <i>Journal of Biological Chemistry</i> , 2007, 282, 15954-15964.	3.4	96
12	Curcumin Enhances the Efficacy of Chemotherapy by Tailoring p53-NF- κ B-p300 Cross-talk in Favor of p53-p300 in Breast Cancer. <i>Journal of Biological Chemistry</i> , 2011, 286, 42232-42247.	3.4	95
13	Inhibition of Epithelial to Mesenchymal Transition by E-cadherin Up-regulation via Repression of Slug Transcription and Inhibition of E-cadherin Degradation. <i>Journal of Biological Chemistry</i> , 2014, 289, 25431-25444.	3.4	86
14	GM2 Expression in Renal Cell Carcinoma: Potential Role in Tumor-Induced T-Cell Dysfunction. <i>Cancer Research</i> , 2006, 66, 6816-6825.	0.9	82
15	Immunosuppression, hepatotoxicity and depression of antioxidant status by arecoline in albino mice. <i>Toxicology</i> , 2006, 227, 94-104.	4.2	69
16	Capsaicin-Induced Activation of p53-SMAR1 Auto-Regulatory Loop Down-Regulates VEGF in Non-Small Cell Lung Cancer to Restrain Angiogenesis. <i>PLoS ONE</i> , 2014, 9, e99743.	2.5	63
17	Apoptogenic effects of black tea on Ehrlich's ascites carcinoma cell. <i>Carcinogenesis</i> , 2003, 24, 75-80.	2.8	62
18	Contribution of p53-mediated Bax transactivation in theaflavin-induced mammary epithelial carcinoma cell apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 771-781.	4.9	61

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19	GD3, an Overexpressed Tumor-Derived Ganglioside, Mediates the Apoptosis of Activated but not Resting T Cells. <i>Cancer Research</i> , 2009, 69, 3095-3104.	0.9	57
20	Multifocal signal modulation therapy of cancer: ancient weapon, modern targets. <i>Molecular and Cellular Biochemistry</i> , 2010, 336, 85-95.	3.1	57
21	Theaflavins target Fas/caspase-8 and Akt/pBad pathways to induce apoptosis in p53-mutated human breast cancer cells. <i>Carcinogenesis</i> , 2010, 31, 259-268.	2.8	57
22	Black tea protects immunocytes from tumor-induced apoptosis by changing Bcl-2/Bax ratio. <i>Cancer Letters</i> , 2004, 209, 147-154.	7.2	52
23	Role of Cyclooxygenase 2 (COX-2) in Prognosis of Breast Cancer. <i>Indian Journal of Surgical Oncology</i> , 2014, 5, 59-65.	0.7	49
24	Death by design: where curcumin sensitizes drug-resistant tumours. <i>Anticancer Research</i> , 2012, 32, 2567-84.	1.1	49
25	Structural and sequential context of p53: A review of experimental and theoretical evidence. <i>Progress in Biophysics and Molecular Biology</i> , 2015, 117, 250-263.	2.9	48
26	Crocin exploits p53-induced death domain (PIDD) and FAS-associated death domain (FADD) proteins to induce apoptosis in colorectal cancer. <i>Scientific Reports</i> , 2016, 6, 32979.	3.3	46
27	Renal Cell Carcinoma Tumors Induce T Cell Apoptosis through Receptor-Dependent and Receptor-Independent Pathways. <i>Journal of Immunology</i> , 2008, 180, 4687-4696.	0.8	43
28	Transcriptional regulation of FOXP3 requires integrated activation of both promoter and CNS regions in tumor-induced CD8+ Treg cells. <i>Scientific Reports</i> , 2017, 7, 1628.	3.3	41
29	Mithramycin A sensitizes therapy-resistant breast cancer stem cells toward genotoxic drug doxorubicin. <i>Translational Research</i> , 2015, 165, 558-577.	5.0	40
30	Curcumin The multi-targeted therapy for cancer regression. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 335-355.	2.1	39
31	GM1 and Tumor Necrosis Factor- α , Overexpressed in Renal Cell Carcinoma, Synergize to Induce T-Cell Apoptosis. <i>Cancer Research</i> , 2008, 68, 2014-2023.	0.9	38
32	MEK inhibition prevents tumour shed transforming growth factor- β induced Tregulatory cell augmentation in tumour milieu. <i>Immunology</i> , 2015, 144, 561-573.	4.4	38
33	P27 expression is regulated by separate signaling pathways, downstream of Ras, in each cell cycle phase. <i>Experimental Cell Research</i> , 2004, 300, 427-439.	2.6	36
34	Gain of Cellular Adaptation Due to Prolonged p53 Impairment Leads to Functional Switchover from p53 to p73 during DNA Damage in Acute Myeloid Leukemia Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 33104-33112.	3.4	34
35	Integrin-EGFR interaction regulates anoikis resistance in colon cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 958-971.	4.9	34
36	Calcarea carbonica induces apoptosis in cancer cells in p53-dependent manner via an immuno-modulatory circuit. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 230.	3.7	33

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37	Targeting RET to induce medullary thyroid cancer cell apoptosis: an antagonistic interplay between PI3K/Akt and p38MAPK/caspase-8 pathways. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 589-604.	4.9	33
38	Nuclear Matrix Protein SMAR1 Represses c-Fos-mediated HPV18 E6 Transcription through Alteration of Chromatin Histone Deacetylation. <i>Journal of Biological Chemistry</i> , 2014, 289, 29074-29085.	3.4	31
39	Induction of Cell Proliferation and Apoptosis: Dependence on the Dose of the Inducer. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 105-110.	2.1	30
40	Curcumin: The multi-targeted therapy for cancer regression. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 335.	2.1	30
41	Protein A of <i>Staphylococcus aureus</i> evokes Th1 type response in mice. <i>Immunology Letters</i> , 1999, 67, 157-165.	2.5	29
42	Contribution of the ROS-p53 feedback loop in thuja-induced apoptosis of mammary epithelial carcinoma cells. <i>Oncology Reports</i> , 2014, 31, 1589-1598.	2.6	28
43	G-actin guides p53 nuclear transport: potential contribution of monomeric actin in altered localization of mutant p53. <i>Scientific Reports</i> , 2016, 6, 32626.	3.3	28
44	Ras Is Active Throughout the Cell Cycle, but Is Able to Induce Cyclin D1 Only During G2 Phase. <i>Cell Cycle</i> , 2002, 1, 46-54.	2.6	27
45	Tumor-infiltrating T-regulatory cells adapt to altered metabolism to promote tumor-immune escape. <i>Current Research in Immunology</i> , 2021, 2, 132-141.	2.8	27
46	Curcumin as an Adjuvant to Cancer Immunotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 675923.	2.8	27
47	Tumor-Shed PGE2 Impairs IL2R β -Signaling to Inhibit CD4+ T Cell Survival: Regulation by Theaflavins. <i>PLoS ONE</i> , 2009, 4, e7382.	2.5	27
48	TNF- α Induction of GM2 Expression on Renal Cell Carcinomas Promotes T Cell Dysfunction. <i>Journal of Immunology</i> , 2007, 178, 6642-6652.	0.8	25
49	Andrographolide binds to ATP-binding pocket of VEGFR2 to impede VEGFA-mediated tumor-angiogenesis. <i>Scientific Reports</i> , 2019, 9, 4073.	3.3	25
50	Truncated G-Quadruplex Isomers Cross-Talk with the Transcription Factors To Maintain Homeostatic Equilibria in <i>c-MYC</i> Transcription. <i>Biochemistry</i> , 2019, 58, 1975-1991.	2.5	25
51	FOXP3/HAT1 Axis Controls Treg Infiltration in the Tumor Microenvironment by Inducing CCR4 Expression in Breast Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 740588.	4.8	23
52	Basic fibroblast growth factor stimulates cytosolic phospholipase A2, phospholipase C-gamma1 and phospholipase D through distinguishable signaling mechanisms. , 1999, 198, 19-30.		22
53	GBM Derived Gangliosides Induce T Cell Apoptosis through Activation of the Caspase Cascade Involving Both the Extrinsic and the Intrinsic Pathway. <i>PLoS ONE</i> , 2015, 10, e0134425.	2.5	22
54	Protein A Induces NO Production: Involvement of Tyrosine Kinase, Phospholipase C, and Protein Kinase C. <i>Biochemical and Biophysical Research Communications</i> , 1998, 250, 425-429.	2.1	21

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55	Black tea induces tumor cell apoptosis by Bax translocation, loss in mitochondrial transmembrane potential, cytochrome c release and caspase activation. <i>International Journal of Cancer</i> , 2005, 117, 308-315.	5.1	21
56	Nifetepimine, a Dihydropyrimidone, Ensures CD4+ T Cell Survival in a Tumor Microenvironment by Maneuvering Sarco(endo)plasmic Reticulum Ca ²⁺ ATPase (SERCA). <i>Journal of Biological Chemistry</i> , 2012, 287, 32881-32896.	3.4	21
57	Characterization of cardiac fatty-acid-binding protein from human placenta. Comparison with placenta hepatic types. <i>FEBS Journal</i> , 1993, 211, 725-730.	0.2	20
58	Sulphur alters NF κ B-p300 cross-talk in favour of p53 $\hat{=}$ p300 to induce apoptosis in non-small cell lung carcinoma. <i>International Journal of Oncology</i> , 2015, 47, 573-582.	3.3	20
59	Tumor-induced thymic involution via inhibition of IL-7 $\hat{=}$ and its JAK-STAT signaling pathway: Protection by black tea. <i>International Immunopharmacology</i> , 2006, 6, 433-444.	3.8	19
60	Mechanisms of protein A superantigen-induced signal transduction for proliferation of mouse B cell. <i>Immunology Letters</i> , 1999, 70, 43-51.	2.5	18
61	Protein A-induced apoptosis of cancer cells is effected by soluble immune mediators. <i>Cancer Immunology, Immunotherapy</i> , 2002, 51, 376-380.	4.2	18
62	Over-expressed IgG2 antibodies against O-acetylated sialoglycoconjugates incapable of proper effector functioning in childhood acute lymphoblastic leukemia. <i>International Immunology</i> , 2004, 17, 177-191.	4.0	17
63	Ras is active throughout the cell cycle, but is able to induce cyclin D1 only during G2 phase. <i>Cell Cycle</i> , 2002, 1, 50-8.	2.6	17
64	The novel immunotherapeutic molecule T11TS modulates glioma-induced changes of key components of the immunological synapse in favor of T cell activation and glioma abrogation. <i>Journal of Neuro-Oncology</i> , 2014, 120, 19-31.	2.9	16
65	T-memory cells against cancer: Remembering the enemy. <i>Cellular Immunology</i> , 2019, 338, 27-31.	3.0	16
66	The Regulation of S Phase Initiation by p27Kip1 in NIH3T3 Cells. <i>Cell Cycle</i> , 2005, 4, 611-620.	2.6	15
67	<i>S. aureus</i> Superantigen Protein A Expands CD4+/CD8+/CD19+/CD34+ Cells in Mice: A Potential Immunorestorator. <i>Biochemical and Biophysical Research Communications</i> , 1999, 256, 142-146.	2.1	12
68	Protection by Protein A of Apoptotic Cell Death Caused by Anti-AIDS Drug Zidovudine. <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 601-604.	2.1	12
69	Failure in peripheral immuno-surveillance due to thymic atrophy: Importance of thymocyte maturation and apoptosis in adult tumor-bearer. <i>Life Sciences</i> , 2005, 77, 2703-2716.	4.3	12
70	Providence of the CD25 ⁺ KIR ⁺ CD127 ⁺ FOXP3 ⁺ CD8 ⁺ T $\hat{=}$ cell subset determines the dynamics of tumor immune surveillance. <i>Immunology and Cell Biology</i> , 2018, 96, 1035-1048.	2.3	8
71	Transcriptional regulation of VEGFA expression in T-regulatory cells from breast cancer patients. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 1877-1891.	4.2	8
72	Regulatory lymphocytes: the dice that resolve the tumor endgame. <i>Applied Cancer Research</i> , 2020, 40, .	1.0	7

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73	The Adroitness of Andrographolide as a Natural Weapon Against Colorectal Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 731492.	3.5	7
74	Protection of apoptotic cell death by protein A. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2000, 5, 509-514.	4.9	6
75	Black Tea-Induced Decrease in IL-10 and TGF- β 2 of Tumor Cells Promotes Th1/Tc1 Response in Tumor Bearer. <i>Nutrition and Cancer</i> , 2007, 58, 213-221.	2.0	6
76	GFI1/HDAC1 axis differentially regulates immunosuppressive CD73 in human tumor-associated FOXP3 ⁺ Th17 and inflammation-linked Th17 cells. <i>European Journal of Immunology</i> , 2021, 51, 1206-1217.	2.9	6
77	Relationship between fatty acid binding proteins, acetyl-CoA formation and fatty acid synthesis in developing human placenta. <i>Journal of Biosciences</i> , 1991, 16, 235-242.	1.1	4
78	Cancer-immune therapy: restoration of immune response in cancer by immune cell modulation. <i>Nucleus (India)</i> , 2017, 60, 93-109.	2.2	4
79	Republished: Sulphur alters NF κ B-p300 cross-talk in favour of p53-p300 to induce apoptosis in non-small cell lung carcinoma. <i>Indian Journal of Research in Homoeopathy</i> , 2015, 9, 288.	0.1	2
80	Characterization and binding properties of human fetal lung fatty acid-binding proteins. <i>Molecular and Cellular Biochemistry</i> , 1993, 129, 67-75.	3.1	1
81	Cancer immunotherapy: present scenarios and the future of immunotherapy. <i>Nucleus (India)</i> , 2019, 62, 143-154.	2.2	0