

Rupesh Dash

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

4,656
citations

94269

37
h-index

102304

66
g-index

79
all docs

79
docs citations

79
times ranked

8547
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural protective glue protein, sericin bioengineered by silkworms: Potential for biomedical and biotechnological applications. <i>Progress in Polymer Science</i> , 2008, 33, 998-1012.	11.8	316
2	Role of Excitatory Amino Acid Transporter (EAAT2) and glutamate in neurodegeneration: Opportunities for developing novel therapeutics. <i>Journal of Cellular Physiology</i> , 2011, 226, 2484-2493.	2.0	308
3	The potential of celecoxib-loaded hydroxyapatite-chitosan nanocomposite for the treatment of colon cancer. <i>Biomaterials</i> , 2011, 32, 3794-3806.	5.7	214
4	Targeting the Bcl-2 family for cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 61-75.	1.5	213
5	Targeting Mcl-1 for the therapy of cancer. <i>Expert Opinion on Investigational Drugs</i> , 2011, 20, 1397-1411.	1.9	173
6	Targeted Activation of Innate Immunity for Therapeutic Induction of Autophagy and Apoptosis in Melanoma Cells. <i>Cancer Cell</i> , 2009, 16, 103-114.	7.7	163
7	Antioxidant potential of silk protein sericin against hydrogen peroxide-induced oxidative stress in skin fibroblasts. <i>BMB Reports</i> , 2008, 41, 236-241.	1.1	160
8	Bcl-2 Antiapoptotic Family Proteins and Chemoresistance in Cancer. <i>Advances in Cancer Research</i> , 2018, 137, 37-75.	1.9	153
9	IL-6 promotes prostate tumorigenesis and progression through autocrine cross-activation of IGF-IR. <i>Oncogene</i> , 2011, 30, 2345-2355.	2.6	136
10	Silk sericin protein of tropical tasar silkworm inhibits UVB-induced apoptosis in human skin keratinocytes. <i>Molecular and Cellular Biochemistry</i> , 2008, 311, 111-119.	1.4	133
11	Apogossypol derivative BI-97C1 (Sabutoclax) targeting Mcl-1 sensitizes prostate cancer cells to IL-24-mediated toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8785-8790.	3.3	112
12	Mechanism of Autophagy to Apoptosis Switch Triggered in Prostate Cancer Cells by Antitumor Cytokine Melanoma Differentiation-Associated Gene 7/Interleukin-24. <i>Cancer Research</i> , 2010, 70, 3667-3676.	0.4	109
13	DDX3 modulates cisplatin resistance in OSCC through ALKBH5-mediated m6A-demethylation of FOXM1 and NANOG. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 233-246.	2.2	104
14	Astrocyte Elevated Gene-1: A Novel Target for Human Glioma Therapy. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 79-88.	1.9	102
15	BI-97C1, an Optically Pure Apogossypol Derivative as Pan-Active Inhibitor of Antiapoptotic B-Cell Lymphoma/Leukemia-2 (Bcl-2) Family Proteins. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4166-4176.	2.9	102
16	mda-7/IL-24: A unique member of the IL-10 gene family promoting cancer-targeted toxicity. <i>Cytokine and Growth Factor Reviews</i> , 2010, 21, 381-391.	3.2	95
17	PERK-Dependent Regulation of Ceramide Synthase 6 and Thioredoxin Play a Key Role in mda-7/IL-24-Induced Killing of Primary Human Glioblastoma Multiforme Cells. <i>Cancer Research</i> , 2010, 70, 1120-1129.	0.4	95
18	Oncogene AEG-1 Promotes Glioma-Induced Neurodegeneration by Increasing Glutamate Excitotoxicity. <i>Cancer Research</i> , 2011, 71, 6514-6523.	0.4	95

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19	Purification and biochemical characterization of a 70kDa sericin from tropical tasar silkworm, <i>Antheraea mylitta</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 147, 129-134.	0.7	92
20	ZD6474, a dual tyrosine kinase inhibitor of EGFR and VEGFR-2, inhibits MAPK/ERK and AKT/PI3-K and induces apoptosis in breast cancer cells. <i>Cancer Biology and Therapy</i> , 2010, 9, 592-603.	1.5	83
21	Historical perspective and recent insights into our understanding of the molecular and biochemical basis of the antitumor properties of mda-7/IL-24. <i>Cancer Biology and Therapy</i> , 2009, 8, 402-411.	1.5	81
22	Isolation, purification and characterization of silk protein sericin from cocoon peduncles of tropical tasar silkworm, <i>Antheraea mylitta</i> . <i>International Journal of Biological Macromolecules</i> , 2006, 38, 255-258.	3.6	80
23	MDA-9/Syntenin and IGFBP-2 Promote Angiogenesis in Human Melanoma. <i>Cancer Research</i> , 2013, 73, 844-854.	0.4	78
24	Mechanism by Which Mcl-1 Regulates Cancer-Specific Apoptosis Triggered by mda-7/IL-24, an IL-10-Related Cytokine. <i>Cancer Research</i> , 2010, 70, 5034-5045.	0.4	66
25	Ketorolac salt is a newly discovered DDX3 inhibitor to treat oral cancer. <i>Scientific Reports</i> , 2015, 5, 9982.	1.6	61
26	MDA-9/syntenin: a positive gatekeeper of melanoma metastasis. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 1.	3.0	58
27	Ceramide plays a prominent role in MDA-7/IL-24-induced cancer-specific apoptosis. <i>Journal of Cellular Physiology</i> , 2010, 222, 546-555.	2.0	54
28	The development of MDA-7/IL-24 as a cancer therapeutic. , 2010, 128, 375-384.		54
29	Mcl-1 is an important therapeutic target for oral squamous cell carcinomas. <i>Oncotarget</i> , 2015, 6, 16623-16637.	0.8	50
30	MDA-7/IL-24 as a cancer therapeutic: from bench to bedside. <i>Anti-Cancer Drugs</i> , 2010, 21, 725-731.	0.7	48
31	Analysis of Indian SARS-CoV-2 Genomes Reveals Prevalence of D614G Mutation in Spike Protein Predicting an Increase in Interaction With TMPRSS2 and Virus Infectivity. <i>Frontiers in Microbiology</i> , 2020, 11, 594928.	1.5	47
32	Enhanced delivery of mda-7/IL-24 using a serotype chimeric adenovirus (Ad.5/3) improves therapeutic efficacy in low CAR prostate cancer cells. <i>Cancer Gene Therapy</i> , 2010, 17, 447-456.	2.2	45
33	An Optically Pure Apogossypolone Derivative as Potent Pan-Active Inhibitor of Anti-Apoptotic Bcl-2 Family Proteins. <i>Frontiers in Oncology</i> , 2011, 1, 28.	1.3	43
34	Enhanced delivery of mda-7/IL-24 using a serotype chimeric adenovirus (Ad.5/3) in combination with the apogossypol derivative BI-97C1 (Sabutoclax) improves therapeutic efficacy in low CAR colorectal cancer cells. <i>Journal of Cellular Physiology</i> , 2012, 227, 2145-2153.	2.0	43
35	Autophagy switches to apoptosis in prostate cancer cells infected with melanoma differentiation associated gene-7/interleukin-24 (mda-7/IL-24). <i>Autophagy</i> , 2011, 7, 1076-1077.	4.3	42
36	Novel Mechanism of MDA-7/IL-24 Cancer-Specific Apoptosis through SARI Induction. <i>Cancer Research</i> , 2014, 74, 563-574.	0.4	41

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37	Inhibition of AP-1 by SARI negatively regulates transformation progression mediated by CCN1. <i>Oncogene</i> , 2010, 29, 4412-4423.	2.6	40
38	Inhibition of Multiple Protective Signaling Pathways and Ad.5/3 Delivery Enhances mda-7/IL-24 Therapy of Malignant Glioma. <i>Molecular Therapy</i> , 2010, 18, 1130-1142.	3.7	40
39	The Impact of m6A RNA Modification in Therapy Resistance of Cancer: Implication in Chemotherapy, Radiotherapy, and Immunotherapy. <i>Frontiers in Oncology</i> , 2020, 10, 612337.	1.3	40
40	STAT3- and GSK3 β -mediated Mcl-1 regulation modulates TPF resistance in oral squamous cell carcinoma. <i>Carcinogenesis</i> , 2019, 40, 173-183.	1.3	38
41	Melanoma Differentiation Associated Gene-7/Interleukin-24 Potently Induces Apoptosis in Human Myeloid Leukemia Cells through a Process Regulated by Endoplasmic Reticulum Stress. <i>Molecular Pharmacology</i> , 2010, 78, 1096-1104.	1.0	34
42	Pancreatic Cancer Combination Therapy Using a BH3 Mimetic and a Synthetic Tetracycline. <i>Cancer Research</i> , 2015, 75, 2305-2315.	0.4	34
43	Cisplatin Enhances Protein Kinase R-Like Endoplasmic Reticulum Kinase- and CD95-Dependent Melanoma Differentiation-Associated Gene-7/Interleukin-24-Induced Killing in Ovarian Carcinoma Cells. <i>Molecular Pharmacology</i> , 2010, 77, 298-310.	1.0	33
44	MDA-7/IL-24 differentially regulates soluble and nuclear clusterin in prostate cancer. <i>Journal of Cellular Physiology</i> , 2012, 227, 1805-1813.	2.0	33
45	A First-Generation Multi-Functional Cytokine for Simultaneous Optical Tracking and Tumor Therapy. <i>PLoS ONE</i> , 2012, 7, e40234.	1.1	31
46	Repetitive DNA in tropical tasar silkworm <i>Antheraea mylitta</i> . <i>Gene</i> , 2006, 370, 51-57.	1.0	28
47	FOXO1 expression mediates growth suppression during terminal differentiation of HO-1 human metastatic melanoma cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 194-204.	2.0	28
48	ZD6474 enhances paclitaxel antiproliferative and apoptotic effects in breast carcinoma cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 375-384.	2.0	28
49	A Serotype 5/3 Adenovirus Expressing MDA-7/IL-24 Infects Renal Carcinoma Cells and Promotes Toxicity of Agents That Increase Ros and Ceramide Levels. <i>Molecular Pharmacology</i> , 2011, 79, 368-380.	1.0	28
50	Good's buffer derived highly emissive carbon quantum dots: excellent biocompatible anticancer drug carrier. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2412-2420.	2.9	28
51	Identification of oral cancer related candidate genes by integrating protein-protein interactions, gene ontology, pathway analysis and immunohistochemistry. <i>Scientific Reports</i> , 2017, 7, 2472.	1.6	27
52	CMTM6 drives cisplatin resistance by regulating Wnt signaling through ENO-1/AKT/GSK3 β axis. <i>JCI Insight</i> , 2021, 6, .	2.3	27
53	Therapy of prostate cancer using a novel cancer terminator virus and a small molecule BH-3 mimetic. <i>Oncotarget</i> , 2015, 6, 10712-10727.	0.8	27
54	Cancer Terminator Viruses and Approaches for Enhancing Therapeutic Outcomes. <i>Advances in Cancer Research</i> , 2012, 115, 1-38.	1.9	26

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55	Developing an effective gene therapy for prostate cancer: New technologies with potential to translate from the laboratory into the clinic. <i>Discovery Medicine</i> , 2011, 11, 46-56.	0.5	23
56	Quantitative proteomics of hamster lung tissues infected with SARS-CoV-2 reveal host factors having implication in the disease pathogenesis and severity. <i>FASEB Journal</i> , 2021, 35, e21713.	0.2	22
57	Human polynucleotide phosphorylase (hPNPaseold-35): an evolutionary conserved gene with an expanding repertoire of RNA degradation functions. <i>Oncogene</i> , 2011, 30, 1733-1743.	2.6	21
58	Enhanced prostate cancer gene transfer and therapy using a novel serotype chimera cancer terminator virus (Ad.5/3-CTV). <i>Journal of Cellular Physiology</i> , 2013, 229, n/a-n/a.	2.0	21
59	Selected Approaches for Rational Drug Design and High Throughput Screening to Identify Anti-Cancer Molecules. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 1143-1155.	0.9	19
60	Emerging strategies for the early detection and prevention of head and neck squamous cell cancer. <i>Journal of Cellular Physiology</i> , 2012, 227, 467-473.	2.0	19
61	RRBP1 rewires cisplatin resistance in oral squamous cell carcinoma by regulating Hippo pathway. <i>British Journal of Cancer</i> , 2021, 124, 2004-2016.	2.9	17
62	mda-7/IL-24 Expression Inhibits Breast Cancer through Upregulation of Growth Arrest-Specific Gene 3 (gas3) and Disruption of β 1 Integrin Function. <i>Molecular Cancer Research</i> , 2013, 11, 593-603.	1.5	16
63	RNA-Binding RING E3-Ligase DZIP3/hRUL138 Stabilizes Cyclin D1 to Drive Cell-Cycle and Cancer Progression. <i>Cancer Research</i> , 2021, 81, 315-331.	0.4	14
64	AEE788 potentiates celecoxib-induced growth inhibition and apoptosis in human colon cancer cells. <i>Life Sciences</i> , 2012, 91, 789-799.	2.0	13
65	BI-69A11 enhances susceptibility of colon cancer cells to mda-7/IL-24-induced growth inhibition by targeting Akt. <i>British Journal of Cancer</i> , 2014, 111, 101-111.	2.9	10
66	Chemoprevention Gene Therapy (CGT): Novel Combinatorial Approach for Preventing and Treating Pancreatic Cancer. <i>Current Molecular Medicine</i> , 2013, 13, 1140-1159.	0.6	10
67	Polyacryloyl hydrazide based injectable & stimuli responsive hydrogels with tunable properties. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7429-7439.	2.9	9
68	Establishing Fascin over-expression as a strategic regulator of neoplastic aggression and lymph node metastasis in oral squamous cell carcinoma tumor microenvironment. <i>Annals of Diagnostic Pathology</i> , 2017, 30, 36-41.	0.6	8
69	SARI inhibits growth and reduces survival of oral squamous cell carcinomas (OSCC) by inducing endoplasmic reticulum stress. <i>Life Sciences</i> , 2021, 287, 120141.	2.0	5
70	Microtubule-targeting agents impair kinesin-dependent nuclear transport of β -catenin: Evidence of inhibition of Wnt/ β -catenin signaling as an important antitumor mechanism of microtubule-targeting agents. <i>FASEB Journal</i> , 2021, 35, e21539.	0.2	3
71	An integrated approach for identification of a panel of candidate genes arbitrated for invasion and metastasis in oral squamous cell carcinoma. <i>Scientific Reports</i> , 2021, 11, 6208.	1.6	3
72	IDENTIFICATION AND ASSESSMENT OF CANDIDATE BIOMARKERS IN EARLY DETECTION AND PROGRESSION OF ORAL SQUAMOUS CELL CARCINOMA. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2021, 132, e38.	0.2	0

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73	Potential role of TIGAR in OSCC: tumorigenesis and survival. Canadian Journal of Biotechnology, 2017, 1, 71-71.	0.3	0