

Ajay Pratap Singh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

2,194
citations

28
h-index

46
g-index

64
ext. papers

2,671
ext. citations

5.8
avg, IF

5.09
L-index

#	Paper	IF	Citations
61	Comparative analysis of exosome isolation methods using culture supernatant for optimum yield, purity and downstream applications. <i>Scientific Reports</i> , 2019 , 9, 5335	4.9	229
60	Exosomes confer chemoresistance to pancreatic cancer cells by promoting ROS detoxification and miR-155-mediated suppression of key gemcitabine-metabolising enzyme, DCK. <i>British Journal of Cancer</i> , 2017 , 116, 609-619	8.7	159
59	An undesired effect of chemotherapy: gemcitabine promotes pancreatic cancer cell invasiveness through reactive oxygen species-dependent, nuclear factor B- and hypoxia-inducible factor 1-mediated up-regulation of CXCR4. <i>Journal of Biological Chemistry</i> , 2013 , 288, 21197-21207	5.4	122
58	Honokiol arrests cell cycle, induces apoptosis, and potentiates the cytotoxic effect of gemcitabine in human pancreatic cancer cells. <i>PLoS ONE</i> , 2011 , 6, e21573	3.7	104
57	CXCL12/CXCR4 protein signaling axis induces sonic hedgehog expression in pancreatic cancer cells via extracellular regulated kinase- and Akt kinase-mediated activation of nuclear factor B: implications for bidirectional tumor-stromal interactions. <i>Journal of Biological Chemistry</i> , 2012 , 287, 39115-24	5.4	92
56	p-21 activated kinase 4 promotes proliferation and survival of pancreatic cancer cells through AKT- and ERK-dependent activation of NF-B pathway. <i>Oncotarget</i> , 2014 , 5, 8778-89	3.3	90
55	Resistin and interleukin-6 exhibit racially-disparate expression in breast cancer patients, display molecular association and promote growth and aggressiveness of tumor cells through STAT3 activation. <i>Oncotarget</i> , 2015 , 6, 11231-41	3.3	76
54	Cancer Chemoprevention by Phytochemicals: Nature's Healing Touch. <i>Molecules</i> , 2017 , 22,	4.8	75
53	MicroRNAs in gynecological cancers: Small molecules with big implications. <i>Cancer Letters</i> , 2017 , 407, 123-138	9.9	67
52	Racial disparities in prostate cancer: a molecular perspective. <i>Frontiers in Bioscience - Landmark</i> , 2017 , 22, 772-782	2.8	57
51	Drug-loaded exosomal preparations from different cell types exhibit distinctive loading capability, yield, and antitumor efficacies: a comparative analysis. <i>International Journal of Nanomedicine</i> , 2019 , 14, 531-541	7.3	56
50	Silver nanoparticles protect human keratinocytes against UVB radiation-induced DNA damage and apoptosis: potential for prevention of skin carcinogenesis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 1265-75	6	55
49	Hypoxia alters the release and size distribution of extracellular vesicles in pancreatic cancer cells to support their adaptive survival. <i>Journal of Cellular Biochemistry</i> , 2020 , 121, 828-839	4.7	53
48	MicroRNA-345 induces apoptosis in pancreatic cancer cells through potentiation of caspase-dependent and -independent pathways. <i>British Journal of Cancer</i> , 2015 , 113, 660-8	8.7	51
47	p-21 activated kinase 4 (PAK4) maintains stem cell-like phenotypes in pancreatic cancer cells through activation of STAT3 signaling. <i>Cancer Letters</i> , 2016 , 370, 260-7	9.9	50
46	MicroRNAs in pancreatic malignancy: progress and promises. <i>Cancer Letters</i> , 2014 , 347, 167-74	9.9	45
45	Modulation of protein phosphatase 2A activity alters androgen-independent growth of prostate cancer cells: therapeutic implications. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 720-31	6.1	45

44	Comparative analysis of the relative potential of silver, Zinc-oxide and titanium-dioxide nanoparticles against UVB-induced DNA damage for the prevention of skin carcinogenesis. <i>Cancer Letters</i> , 2016 , 383, 53-61	9.9	45
43	CXCL12/CXCR4 signaling counteracts docetaxel-induced microtubule stabilization via p21-activated kinase 4-dependent activation of LIM domain kinase 1. <i>Oncotarget</i> , 2014 , 5, 11490-500	3.3	44
42	Molecular Drivers of Pancreatic Cancer Pathogenesis: Looking Inward to Move Forward. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	42
41	Modulation of microRNAs by phytochemicals in cancer: underlying mechanisms and translational significance. <i>BioMed Research International</i> , 2015 , 2015, 848710	3	42
40	Synthesis, characterization, and evaluation of poly (D,L-lactide-co-glycolide)-based nanoformulation of miRNA-150: potential implications for pancreatic cancer therapy. <i>International Journal of Nanomedicine</i> , 2014 , 9, 2933-42	7.3	42
39	Myb overexpression overrides androgen depletion-induced cell cycle arrest and apoptosis in prostate cancer cells, and confers aggressive malignant traits: potential role in castration resistance. <i>Carcinogenesis</i> , 2012 , 33, 1149-57	4.6	39
38	Hydroxytyrosol Induces Apoptosis and Cell Cycle Arrest and Suppresses Multiple Oncogenic Signaling Pathways in Prostate Cancer Cells. <i>Nutrition and Cancer</i> , 2017 , 69, 932-942	2.8	37
37	Insights into the Role of microRNAs in Pancreatic Cancer Pathogenesis: Potential for Diagnosis, Prognosis, and Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 889, 71-87	3.6	36
36	MYB is a novel regulator of pancreatic tumour growth and metastasis. <i>British Journal of Cancer</i> , 2015 , 113, 1694-703	8.7	35
35	Gemcitabine treatment promotes immunosuppressive microenvironment in pancreatic tumors by supporting the infiltration, growth, and polarization of macrophages. <i>Scientific Reports</i> , 2018 , 8, 12000	4.9	33
34	Pancreatic Cancer Exosomes: Shedding Off for a Meaningful Journey. <i>Pancreatic Disorders & Therapy</i> , 2016 , 6, e148		33
33	Resistin potentiates chemoresistance and stemness of breast cancer cells: Implications for racially disparate therapeutic outcomes. <i>Cancer Letters</i> , 2017 , 396, 21-29	9.9	28
32	Epigenetic basis of cancer health disparities: Looking beyond genetic differences. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017 , 1868, 16-28	11.2	26
31	Glucose Metabolism Reprogrammed by Overexpression of IKK Promotes Pancreatic Tumor Growth. <i>Cancer Research</i> , 2016 , 76, 7254-7264	10.1	26
30	Honokiol suppresses pancreatic tumor growth, metastasis and desmoplasia by interfering with tumor-stromal cross-talk. <i>Carcinogenesis</i> , 2016 , 37, 1052-1061	4.6	25
29	Therapies Targeted to Androgen Receptor Signaling Axis in Prostate Cancer: Progress, Challenges, and Hope. <i>Cancers</i> , 2019 , 12,	6.6	23
28	Epigallocatechin Gallate-Gold Nanoparticles Exhibit Superior Antitumor Activity Compared to Conventional Gold Nanoparticles: Potential Synergistic Interactions. <i>Nanomaterials</i> , 2019 , 9,	5.4	21
27	Deep sequencing and in silico analyses identify MYB-regulated gene networks and signaling pathways in pancreatic cancer. <i>Scientific Reports</i> , 2016 , 6, 28446	4.9	19

26	Co-targeting of CXCR4 and hedgehog pathways disrupts tumor-stromal crosstalk and improves chemotherapeutic efficacy in pancreatic cancer. <i>Journal of Biological Chemistry</i> , 2020 , 295, 8413-8424	5.4	18
25	Gemcitabine triggers angiogenesis-promoting molecular signals in pancreatic cancer cells: Therapeutic implications. <i>Oncotarget</i> , 2015 , 6, 39140-50	3.3	17
24	MYB Promotes Desmoplasia in Pancreatic Cancer through Direct Transcriptional Up-regulation and Cooperative Action of Sonic Hedgehog and Adrenomedullin. <i>Journal of Biological Chemistry</i> , 2016 , 291, 16263-70	5.4	14
23	Racial health disparities in ovarian cancer: not just black and white. <i>Journal of Ovarian Research</i> , 2017 , 10, 58	5.5	13
22	Mobilization of Intracellular Copper by Gossypol and Apogossypolone Leads to Reactive Oxygen Species-Mediated Cell Death: Putative Anticancer Mechanism. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	13
21	Dysregulation of metabolic enzymes in tumor and stromal cells: Role in oncogenesis and therapeutic opportunities. <i>Cancer Letters</i> , 2020 , 473, 176-185	9.9	12
20	Resistin: An inflammatory cytokine with multi-faceted roles in cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020 , 1874, 188419	11.2	12
19	Modulation of the tumor microenvironment by natural agents: implications for cancer prevention and therapy. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	9
18	Molecular Targets of Honokiol: A Promising Phytochemical for Effective Cancer Management. <i>The Enzymes</i> , 2014 , 36, 175-93	2.3	9
17	Exosomal Formulation Escalates Cellular Uptake of Honokiol Leading to the Enhancement of Its Antitumor Efficacy. <i>ACS Omega</i> , 2020 , 5, 23299-23307	3.9	9
16	Cellular and Molecular Progression of Prostate Cancer: Models for Basic and Preclinical Research. <i>Cancers</i> , 2020 , 12,	6.6	9
15	Comprehensive Analysis of Expression, Clinicopathological Association and Potential Prognostic Significance of RABs in Pancreatic Cancer. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
14	Proteomic Analysis of MYB-Regulated Secretome Identifies Functional Pathways and Biomarkers: Potential Pathobiological and Clinical Implications. <i>Journal of Proteome Research</i> , 2020 , 19, 794-804	5.6	7
13	Platinum-resistant ovarian cancer: From drug resistance mechanisms to liquid biopsy-based biomarkers for disease management. <i>Seminars in Cancer Biology</i> , 2021 , 77, 99-109	12.7	5
12	Extracellular Nanovesicles: From Intercellular Messengers to Efficient Drug Delivery Systems. <i>ACS Omega</i> , 2021 , 6, 1773-1779	3.9	5
11	Cancer Stem Cells 2016 , 375-413		3
10	Nicotine causes alternative polarization of macrophages via Src-mediated STAT3 activation: Potential pathobiological implications. <i>Journal of Cellular Physiology</i> , 2021 ,	7	3
9	Exosomes 2018 , 261-283		2

8	Clinicopathologic significance and race-specific prognostic association of MYB overexpression in ovarian cancer. <i>Scientific Reports</i> , 2021 , 11, 12901	4.9	2
7	Looking at cancer health disparities without the colored lenses. <i>Cancer Health Disparities</i> , 2019 , 3, e1-e9	1.1	1
6	MYB interacts with androgen receptor, sustains its ligand-independent activation and promotes castration resistance in prostate cancer. <i>British Journal of Cancer</i> , 2021 ,	8.7	1
5	Determining the Size Distribution and Integrity of Extracellular Vesicles by Dynamic Light Scattering.. <i>Methods in Molecular Biology</i> , 2022 , 2413, 165-175	1.4	0
4	The impact of neoadjuvant concurrent chemoradiation on exosomal markers (CD63 and CD9) expression and their prognostic significance in patients with rectal adenocarcinoma. <i>Oncotarget</i> , 2021 , 12, 1490-1498	3.3	0
3	Current and Futuristic Roadmap of Ovarian Cancer Management: An Overview. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1330, 1-19	3.6	0
2	The prevalence and clinical relevance of 2R/2R TYMS genotype in patients with gastrointestinal malignancies treated with fluoropyrimidine-based chemotherapy regimens. <i>Pharmacogenomics Journal</i> , 2021 , 21, 308-317	3.5	0
1	microRNAs in Cancer Stem Cells: Micromanagers of Malignancy	269-284	