Rahul Kumar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3640737/publications.pdf

Version: 2024-02-01

45 papers	1,312 citations	331670 21 h-index	361022 35 g-index
47 all docs	47 docs citations	47 times ranked	2151 citing authors

#	Article	IF	Citations
1	Slow-cycling (dormant) cancer cells in therapy resistance, cancer relapse and metastasis. Seminars in Cancer Biology, 2022, 78, 90-103.	9.6	53
2	LRIG1, a regulator of stem cell quiescence and a pleiotropic feedback tumor suppressor. Seminars in Cancer Biology, 2022, 82, 120-133.	9.6	14
3	Mechanistic and therapeutic implications of EphAâ€4 receptor tyrosine kinase in the pathogenesis of Alzheimer's disease. European Journal of Neuroscience, 2022, 56, 5532-5546.	2.6	8
4	Role of prolineâ€rich tyrosine kinase 2 (Pyk2) in the pathogenesis of Alzheimer's disease. European Journal of Neuroscience, 2022, 56, 5442-5452.	2.6	2
5	Mechanistic and therapeutic role of Drp1 in the pathogenesis of Alzheimer's disease. European Journal of Neuroscience, 2022, 56, 5516-5531.	2.6	13
6	Editorial: Early Detection and Diagnosis of Cancer. Frontiers in Genetics, 2022, 13, 875421.	2.3	0
7	A mitochondrial unfolded protein response inhibitor suppresses prostate cancer growth in mice via HSP60. Journal of Clinical Investigation, 2022, 132, .	8.2	21
8	Mitochondrial Regulation of Inflammation in Cancer. Physiology in Health and Disease, 2021, , 377-393.	0.3	0
9	A Single-Organelle Optical Omics Platform for Cell Science and Biomarker Discovery. Analytical Chemistry, 2021, 93, 8281-8290.	6.5	11
10	Targeting the mitochondrial unfolded protein response in cancer: opportunities and challenges. Trends in Cancer, 2021, 7, 1050-1053.	7.4	7
11	Molecular insights on cytochrome c and nucleotide regulation of apoptosome function and its implication in cancer. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118573.	4.1	23
12	Mitochondrial Stress Response and Cancer. Trends in Cancer, 2020, 6, 688-701.	7.4	70
13	Evidence for context-dependent functions of KDM5B in prostate development and prostate cancer. Oncotarget, 2020, 11, 4243-4252.	1.8	10
14	Cytochrome c Deficiency Confers Apoptosome and Mitochondrial Dysfunction in African-American Men with Prostate Cancer. Cancer Research, 2019, 79, 1353-1368.	0.9	22
15	Hsp60 and IL-8 axis promotes apoptosis resistance in cancer. British Journal of Cancer, 2019, 121, 934-943.	6.4	31
16	Evaluation of end use quality and root traits in wheat cultivars associated with 1RS.1BL translocation. Euphytica, 2018, 214, 1.	1.2	17
17	Development of intron targeted amplified polymorphic markers of metal homeostasis genes for monitoring their introgression from Aegilops species to wheat. Molecular Breeding, 2018, 38, 1.	2.1	7
18	Nimbolide reduces CD44 positive cell population and induces mitochondrial apoptosis in pancreatic cancer cells. Cancer Letters, 2018, 413, 82-93.	7.2	23

#	Article	IF	Citations
19	Procyanidin B2 3,3â€³â€diâ€Oâ€gallate induces oxidative stressâ€mediated cell death in prostate cancer cells via inhibiting MAP kinase phosphatase activity and activating ERK1/2 and AMPK. Molecular Carcinogenesis, 2018, 57, 57-69.	2.7	22
20	HSP60 IS A NOVEL TARGET IN LETHAL PROSTATE CANCER. FASEB Journal, 2018, 32, 804.29.	0.5	0
21	Lipid quantification by Raman microspectroscopy as a potential biomarker in prostate cancer. Cancer Letters, 2017, 397, 52-60.	7.2	37
22	Endoplasmic reticulum-mediated unfolded protein response and mitochondrial apoptosis in cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1867, 58-66.	7.4	95
23	Uptake, distribution, and remobilization of iron and zinc among various tissues of wheatâ€“Aegilops substitution lines at different growth stages. Acta Physiologiae Plantarum, 2017, 39, 1.	2.1	11
24	Understanding nucleosomal histone and DNA interactions: a biophysical study. Journal of Biomolecular Structure and Dynamics, 2017, 35, 2531-2538.	3.5	2
25	Silibinin inhibits hypoxiaâ€induced HIFâ€1Î±â€mediated signaling, angiogenesis and lipogenesis in prostate cancer cells: In vitro evidence and in vivo functional imaging and metabolomics. Molecular Carcinogenesis, 2017, 56, 833-848.	2.7	49
26	Mitochondrial dysfunction and prostate cancer racial disparities among American men. Frontiers in Bioscience - Scholar, 2017, 9, 154-164.	2.1	9
27	Nexrutine inhibits azoxymethaneâ€induced colonic aberrant crypt formation in rat colon and induced apoptotic cell death in colon adenocarcinoma cells. Molecular Carcinogenesis, 2016, 55, 1262-1274.	2.7	12
28	Combination therapy induces unfolded protein response andÂcytoskeletal rearrangement leading to mitochondrial apoptosis in prostate cancer. Molecular Oncology, 2016, 10, 949-965.	4.6	9
29	Mitochondrial dysfunction-mediated apoptosis resistance associates with defective heat shock protein response in Africanâ€“American men with prostate cancer. British Journal of Cancer, 2016, 114, 1090-1100.	6.4	27
30	Graviola inhibits hypoxia-induced NADPH oxidase activity in prostate cancer cells reducing their proliferation and clonogenicity. Scientific Reports, 2016, 6, 23135.	3.3	42
31	Mechanism of neem limonoids-induced cell death in cancer: Role of oxidative phosphorylation. Free Radical Biology and Medicine, 2016, 90, 261-271.	2.9	13
32	Phylogenetic and chemical diversity of fungal endophytes isolated fromSilybum marianum(L) Gaertn. (milk thistle). Mycology, 2015, 6, 8-27.	4.4	29
33	An Overview of Ultraviolet B Radiation-Induced Skin Cancer Chemoprevention by Silibinin. Current Pharmacology Reports, 2015, 1, 206-215.	3.0	49
34	Hypoxia induces triglycerides accumulation in prostate cancer cells and extracellular vesicles supporting growth and invasiveness following reoxygenation. Oncotarget, 2015, 6, 22836-22856.	1.8	85
35	EGFRâ€mediated Akt and MAPKs signal pathways play a crucial role in patulinâ€induced cell proliferation in primary murine keratinocytes via modulation of Cyclin D1 and COXâ€2 expression. Molecular Carcinogenesis, 2014, 53, 988-998.	2.7	20
36	Ochratoxin A-induced cell proliferation and tumor promotion in mouse skin by activating the expression of cyclin-D1 and cyclooxygenase-2 through nuclear factor-kappa B and activator protein-1. Carcinogenesis, 2013, 34, 647-657.	2.8	29

#	Article	IF	Citations
37	Nexrutine(R) inhibits tumorigenesis in mouse skin and induces apoptotic cell death in human squamous carcinoma A431 and human melanoma A375 cells. Carcinogenesis, 2012, 33, 1909-1918.	2.8	28
38	Detection of Ochratoxin A in wheat samples in different regions of India. Food Control, 2012, 26, 63-67.	5.5	24
39	Characterization and molecular mapping of EMS-induced brittle culm mutants of diploid wheat (Triticum monococcum L.). Euphytica, 2012, 186, 165-176.	1.2	18
40	Topical Application of Ochratoxin A Causes DNA Damage and Tumor Initiation in Mouse Skin. PLoS ONE, 2012, 7, e47280.	2.5	42
41	Role of mitogen activated protein kinases in skin tumorigenicity of Patulin. Toxicology and Applied Pharmacology, 2011, 257, 264-271.	2.8	46
42	Pyramiding of two bacterial blight resistance and a semidwarfing gene in Type 3 Basmati using marker-assisted selection. Euphytica, 2011, 178, 111-126.	1.2	83
43	Citrinin-Generated Reactive Oxygen Species Cause Cell Cycle Arrest Leading to Apoptosis via the Intrinsic Mitochondrial Pathway in Mouse Skin. Toxicological Sciences, 2011, 122, 557-566.	3.1	68
44	Patulin causes DNA damage leading to cell cycle arrest and apoptosis through modulation of Bax, p53 and p21/WAF1 proteins in skin of mice. Toxicology and Applied Pharmacology, 2009, 234, 192-201.	2.8	75
45	Influence of nitrogen on the expression of TaDof1 transcription factor in wheat and its relationship with photo synthetic and ammonium assimilating efficiency. Molecular Biology Reports, 2009, 36, 2209-2220.	2.3	54