Ajda Coker-Gurkan

List of Publications by Year
in descending order

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50	553	687220	677027
papers	citations	13 h-index	22 g-index

52	52	52	944
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Palbociclib negatively regulates fatty acid synthesis due to upregulation of AMPKÎ± and miRâ€33a levels to increase apoptosis in Pancâ€1 and MiaPaCaâ€2 cells. Biotechnology and Applied Biochemistry, 2022, 69, 342-354.	1.4	6
2	Synthesis and characterization of novel ssDNA X-aptamers targeting Growth Hormone Releasing Hormone (GHRH). PLoS ONE, 2022, 17, e0260144.	1.1	0
3	AMPK Is the Crucial Target for the CDK4/6 Inhibitors Mediated Therapeutic Responses in PANC-1 and MIA PaCa-2 Pancreatic Cancer Cell Lines. Stresses, 2021, 1, 48-68.	1.8	2
4	Atiprimod triggered apoptotic cell death via acting on PERK/eIF2Î±/ATF4/CHOP and STAT3/NF-ÎšB axis in MDA-MB-231 and MDA-MB-468 breast cancer cells. Molecular Biology Reports, 2021, 48, 5233-5247.	1.0	9
5	Epibrassinolide prevents tau hyperphosphorylation via GSK3Î² inhibition in vitro and improves Caenorhabditis elegans lifespan and motor deficits in combination with roscovitine. Amino Acids, 2021, 53, 1373-1389.	1.2	4
6	In Vitro Investigations of miR-33a Expression in Estrogen Receptor-Targeting Therapies in Breast Cancer Cells. Cancers, 2021, 13, 5322.	1.7	2
7	miR27a, a fine-tuning molecule, interacts with growth hormone (GH) signaling and ornithine decarboxylase (ODC) via targeting STAT5. Amino Acids, 2021, , 1.	1.2	0
8	Palbociclib, a selective CDK4/6 inhibitor, restricts cell survival and epithelialâ€mesenchymal transition in Pancâ€1 and MiaPaCaâ€2 pancreatic cancer cells. Journal of Cellular Biochemistry, 2020, 121, 508-523.	1.2	16
9	Specific c-Jun N-Terminal Kinase Inhibitor, JNK-IN-8 Suppresses Mesenchymal Profile of PTX-Resistant MCF-7 Cells through Modulating PI3K/Akt, MAPK and Wnt Signaling Pathways. Biology, 2020, 9, 320.	1.3	6
10	The role of the PI3K/AKT/mTOR signaling axis in the decision of the celastrol-induced cell death mechanism related to the lipid regulatory pathway in prostate cancer cells. Phytochemistry Letters, 2020, 39, 73-83.	0.6	3
11	Proinflammatory cytokine profile is critical in autocrine GH-triggered curcumin resistance engulf by atiprimod cotreatment in MCF-7 and MDA-MB-231 breast cancer cells. Molecular Biology Reports, 2020, 47, 8797-8808.	1.0	3
12	Epibrassinolide-induced autophagy occurs in an Atg5-independent manner due to endoplasmic stress induction in MEF cells. Amino Acids, 2020, 52, 871-891.	1.2	5
13	Cisplatin and Paclitaxel Modulated the Cell Survival Potential of Prostate Cancer Cells. Proceedings (mdpi), 2020, 40, .	0.2	0
14	Atiprimod induce apoptosis in pituitary adenoma: Endoplasmic reticulum stress and autophagy pathways. Journal of Cellular Biochemistry, 2019, 120, 19749-19763.	1.2	13
15	Autocrine Growth Hormone (GH)-Mediated Triptolide Resistance Overcame by Metformin Co-Treatment in MDA-MB231 Breast Cancer Cells Through ER Stress Pathway. Proceedings (mdpi), 2019, 40, 9.	0.2	0
16	Triptolide Resistance Was Prevented by Metformin Co-Treatment Under Increased Growth Hormone Signaling Conditions in MDA-MB-231 Cells. Proceedings (mdpi), 2019, 40, .	0.2	0
17	Triptolide-Mediated Apoptotic Cell Death Accelerated by Metformin Co-Treatment in MiaPaca-2 Cells. Proceedings (mdpi), 2019, 40, .	0.2	0
18	Epibrassinolide Promotes the Apoptotic Potential of Gemcitabine in Pancreatic Cancer Cells. Proceedings (mdpi), 2019, 40, .	0.2	1

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19	The molecular targets of diclofenac differs from ibuprofen to induce apoptosis and epithelial mesenchymal transition due to alternation on oxidative stress management p53 independently in PC3 prostate cancer cells. Prostate International, 2019, 7, 156-165.	1.2	9
20	Curcumin prevented human autocrine growth hormone (GH) signaling mediated NF-ÎºB activation and miR-183-96-182 cluster stimulated epithelial mesenchymal transition in T47D breast cancer cells. Molecular Biology Reports, 2019, 46, 355-369.	1.0	32
21	Inhibition of extracellular signalâ€regulated kinase potentiates the apoptotic and antimetastatic effects of cyclinâ€dependent kinase inhibitors on metastatic DU145 and PC3 prostate cancer cells. Journal of Cellular Biochemistry, 2019, 120, 5558-5569.	1.2	2
22	Inhibition of autophagy enhances DENSpm-induced apoptosis in human colon cancer cells in a p53 independent manner. Cellular Oncology (Dordrecht), 2018, 41, 297-317.	2.1	10
23	Autocrine Growth Hormone Mediated Curcumin Resistance Overcame by Autophagy Inhibition via Bafilomycin in MDA-MB-231 and T47D Breast Cancer Cells. Proceedings (mdpi), 2018, 2, .	0.2	0
24	Bafilomycin Prevented Curcumin-Induced Endoplasmic Reticulum (ER) Stress and Autophagy in MCF-7 Growth Hormone Positive (GH+) Breast Cancer Cells. Proceedings (mdpi), 2018, 2, 1568.	0.2	0
25	Diclofenac induced apoptosis via altering PI3K/Akt/MAPK signaling axis in HCT 116 more efficiently compared to SW480 colon cancer cells. Molecular Biology Reports, 2018, 45, 2175-2184.	1.0	23
26	Curcumin inhibits autocrine growth hormone-mediated invasion and metastasis by targeting NF-ÎºB signaling and polyamine metabolism in breast cancer cells. Amino Acids, 2018, 50, 1045-1069.	1.2	36
27	Cyclin-dependent kinase inhibitors, roscovitine and purvalanol, induce apoptosis and autophagy related to unfolded protein response in HeLa cervical cancer cells. Molecular Biology Reports, 2018, 45, 815-828.	1.0	6
28	Calreticulin is a fine tuning molecule in epibrassinolideâ€induced apoptosis through activating endoplasmic reticulum stress in colon cancer cells. Molecular Carcinogenesis, 2017, 56, 1603-1619.	1.3	22
29	Aging-Related Diseases and Autophagy. , 2016, , .		0
30	mTOR is a fine tuning molecule in CDK inhibitors-induced distinct cell death mechanisms via PI3K/AKT/mTOR signaling axis in prostate cancer cells. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 1158-1178.	2.2	15
31	DENSpm overcame Bcl-2 mediated resistance against Paclitaxel treatment in MCF-7 breast cancer cells via activating polyamine catabolic machinery. Biomedicine and Pharmacotherapy, 2016, 84, 2029-2041.	2.5	13
32	The inhibition of PI3K and NFÎºB promoted curcumin-induced cell cycle arrest at G2/M via altering polyamine metabolism in Bcl-2 overexpressing MCF-7 breast cancer cells. Biomedicine and Pharmacotherapy, 2016, 77, 150-160.	2.5	51
33	Fetuin-A 742 (C/T) and 766 (C/G) polymorphic sites are associated with increased risk of myocardial infarction in older patients (â‰¥40 years of age). Molecular Medicine Reports, 2015, 12, 1356-1362.	1.1	3
34	Polyamines modulate the roscovitine-induced cell death switch decision autophagy vs. apoptosis in MCF-7 and MDA-MB-231 breast cancer cells. Molecular Medicine Reports, 2015, 11, 4532-4540.	1.1	7
35	CDK inhibitorsâ€“induced SSAT expression requires NFÎºB and PPARÎ³ inMCF-7 breast cancer cells. Turkish Journal of Biology, 2015, 39, 712-721.	2.1	2
36	SILAC-Based Mass Spectrometry Analysis Reveals That Epibrassinolide Induces Apoptosis via Activating Endoplasmic Reticulum Stress in Prostate Cancer Cells. PLoS ONE, 2015, 10, e0135788.	1.1	15

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37	Roscovitine-treated HeLa cells finalize autophagy later than apoptosis by downregulating Bcl-2. Molecular Medicine Reports, 2015, 11, 1968-1974.	1.1	5
38	Purvalanol induces endoplasmic reticulum stress-mediated apoptosis and autophagy in a time-dependent manner in HCT116 colon cancer cells. Oncology Reports, 2015, 33, 2761-2770.	1.2	14
39	Inhibition of PI3K signaling triggered apoptotic potential of curcumin which is hindered by Bcl-2 through activation of autophagy in MCF-7 cells. Biomedicine and Pharmacotherapy, 2015, 71, 161-171.	2.5	61
40	Epibrassinolide alters PI3K/MAPK signaling axis via activating Foxo3a-induced mitochondria-mediated apoptosis in colon cancer cells. Experimental Cell Research, 2015, 338, 10-21.	1.2	20
41	Lack of functional p53 renders DENSpm-induced autophagy and apoptosis in time dependent manner in colon cancer cells. Amino Acids, 2015, 47, 87-100.	1.2	5
42	Lack of evidence for the association of ornithine decarboxylase (+316 G>A), spermidine/spermine acetyl transferase (â^'1415 T>C) gene polymorphisms with calcium oxalate stone disease. Biomedical Reports, 2014, 2, 69-74.	0.9	3
43	Downregulation of c-Myc mediated ODC expression after purvalanol treatment is under control of upstream MAPK signaling axis in MCF-7 breast cancer cells. Turkish Journal of Biology, 2014, 38, 867-879.	2.1	3
44	Inhibition of autophagy by 3-MA potentiates purvalanol-induced apoptosis in Bax deficient HCT 116 colon cancer cells. Experimental Cell Research, 2014, 328, 87-98.	1.2	27
45	Epibrassinolide-induced apoptosis regardless of p53 expression via activating polyamine catabolic machinery, a common target for androgen sensitive and insensitive prostate cancer cells. Prostate, 2014, 74, 1622-1633.	1.2	16
46	Purvalanol A is a strong apoptotic inducer via activating polyamine catabolic pathway in MCF-7 estrogen receptor positive breast cancer cells. Molecular Biology Reports, 2014, 41, 145-154.	1.0	14
47	CDK Inhibitors Induce Mitochondria-mediated Apoptosis Through the Activation of Polyamine Catabolic Pathway in LNCaP, DU145 and PC3 Prostate Cancer Cells. Current Pharmaceutical Design, 2014, 20, 180-188.	0.9	34
48	Inhibition of polyamine oxidase prevented cyclin-dependent kinase inhibitor-induced apoptosis in HCT 116 colon carcinoma cells. Apoptosis: an International Journal on Programmed Cell Death, 2013, 18, 1536-1547.	2.2	10
49	Multiple sclerosis: association with the interleukin-1 gene family polymorphisms in the Turkish population. International Journal of Neuroscience, 2013, 123, 711-718.	0.8	16
50	Association between IL-1RN VNTR, IL-1ï¿½ -511 and IL-6 (-174, -572, -597) Gene Polymorphisms and Urolithiasis. Urologia Internationalis, 2013, 91, 220-226.	0.6	8