

Ajda Coker-Gurkan

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

553
citations

687220

13
h-index

677027

22
g-index

52
all docs

52
docs citations

52
times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of PI3K signaling triggered apoptotic potential of curcumin which is hindered by Bcl-2 through activation of autophagy in MCF-7 cells. <i>Biomedicine and Pharmacotherapy</i> , 2015, 71, 161-171.	2.5	61
2	The inhibition of PI3K and NF- κ B promoted curcumin-induced cell cycle arrest at G2/M via altering polyamine metabolism in Bcl-2 overexpressing MCF-7 breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2016, 77, 150-160.	2.5	51
3	Curcumin inhibits autocrine growth hormone-mediated invasion and metastasis by targeting NF- κ B signaling and polyamine metabolism in breast cancer cells. <i>Amino Acids</i> , 2018, 50, 1045-1069.	1.2	36
4	CDK Inhibitors Induce Mitochondria-mediated Apoptosis Through the Activation of Polyamine Catabolic Pathway in LNCaP, DU145 and PC3 Prostate Cancer Cells. <i>Current Pharmaceutical Design</i> , 2014, 20, 180-188.	0.9	34
5	Curcumin prevented human autocrine growth hormone (GH) signaling mediated NF- κ B activation and miR-183-96-182 cluster stimulated epithelial mesenchymal transition in T47D breast cancer cells. <i>Molecular Biology Reports</i> , 2019, 46, 355-369.	1.0	32
6	Inhibition of autophagy by 3-MA potentiates purvalanol-induced apoptosis in Bax deficient HCT 116 colon cancer cells. <i>Experimental Cell Research</i> , 2014, 328, 87-98.	1.2	27
7	Diclofenac induced apoptosis via altering PI3K/Akt/MAPK signaling axis in HCT 116 more efficiently compared to SW480 colon cancer cells. <i>Molecular Biology Reports</i> , 2018, 45, 2175-2184.	1.0	23
8	Calreticulin is a fine tuning molecule in epibrassinolide-induced apoptosis through activating endoplasmic reticulum stress in colon cancer cells. <i>Molecular Carcinogenesis</i> , 2017, 56, 1603-1619.	1.3	22
9	Epibrassinolide alters PI3K/MAPK signaling axis via activating Foxo3a-induced mitochondria-mediated apoptosis in colon cancer cells. <i>Experimental Cell Research</i> , 2015, 338, 10-21.	1.2	20
10	Multiple sclerosis: association with the interleukin-1 gene family polymorphisms in the Turkish population. <i>International Journal of Neuroscience</i> , 2013, 123, 711-718.	0.8	16
11	Epibrassinolide-induced apoptosis regardless of p53 expression via activating polyamine catabolic machinery, a common target for androgen sensitive and insensitive prostate cancer cells. <i>Prostate</i> , 2014, 74, 1622-1633.	1.2	16
12	Palbociclib, a selective CDK4/6 inhibitor, restricts cell survival and epithelial-mesenchymal transition in Pancâ€1 and MiaPaCaâ€2 pancreatic cancer cells. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 508-523.	1.2	16
13	SILAC-Based Mass Spectrometry Analysis Reveals That Epibrassinolide Induces Apoptosis via Activating Endoplasmic Reticulum Stress in Prostate Cancer Cells. <i>PLoS ONE</i> , 2015, 10, e0135788.	1.1	15
14	mTOR is a fine tuning molecule in CDK inhibitors-induced distinct cell death mechanisms via PI3K/AKT/mTOR signaling axis in prostate cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 1158-1178.	2.2	15
15	Purvalanol A is a strong apoptotic inducer via activating polyamine catabolic pathway in MCF-7 estrogen receptor positive breast cancer cells. <i>Molecular Biology Reports</i> , 2014, 41, 145-154.	1.0	14
16	Purvalanol induces endoplasmic reticulum stress-mediated apoptosis and autophagy in a time-dependent manner in HCT116 colon cancer cells. <i>Oncology Reports</i> , 2015, 33, 2761-2770.	1.2	14
17	DENSpm overcame Bcl-2 mediated resistance against Paclitaxel treatment in MCF-7 breast cancer cells via activating polyamine catabolic machinery. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 2029-2041.	2.5	13
18	Atiprimod induce apoptosis in pituitary adenoma: Endoplasmic reticulum stress and autophagy pathways. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19749-19763.	1.2	13

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19	Inhibition of polyamine oxidase prevented cyclin-dependent kinase inhibitor-induced apoptosis in HCT 116 colon carcinoma cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1536-1547.	2.2	10
20	Inhibition of autophagy enhances DENSp ^m -induced apoptosis in human colon cancer cells in a p53 independent manner. <i>Cellular Oncology (Dordrecht)</i> , 2018, 41, 297-317.	2.1	10
21	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. <i>Prostate International</i> , 2019, 7, 156-165.	1.2	9
22	Atiprimod triggered apoptotic cell death via acting on PERK/eIF2 [±] /ATF4/CHOP and STAT3/NF- κ B axis in MDA-MB-231 and MDA-MB-468 breast cancer cells. <i>Molecular Biology Reports</i> , 2021, 48, 5233-5247.	1.0	9
23	Association between IL-1RN VNTR, IL-1 β -511 and IL-6 (-174, -572, -597) Gene Polymorphisms and Urolithiasis. <i>Urologia Internationalis</i> , 2013, 91, 220-226.	0.6	8
24	Polyamines modulate the roscovitine-induced cell death switch decision autophagy vs. apoptosis in MCF-7 and MDA-MB-231 breast cancer cells. <i>Molecular Medicine Reports</i> , 2015, 11, 4532-4540.	1.1	7
25	Cyclin-dependent kinase inhibitors, roscovitine and purvalanol, induce apoptosis and autophagy related to unfolded protein response in HeLa cervical cancer cells. <i>Molecular Biology Reports</i> , 2018, 45, 815-828.	1.0	6
26	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. <i>Biology</i> , 2020, 9, 320.	1.3	6
27	Palbociclib negatively regulates fatty acid synthesis due to upregulation of AMPK [±] and miR-33a levels to increase apoptosis in Panc-1 and MiaPaCa-2 cells. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 342-354.	1.4	6
28	Roscovitine-treated HeLa cells finalize autophagy later than apoptosis by downregulating Bcl-2. <i>Molecular Medicine Reports</i> , 2015, 11, 1968-1974.	1.1	5
29	Lack of functional p53 renders DENSp ^m -induced autophagy and apoptosis in time dependent manner in colon cancer cells. <i>Amino Acids</i> , 2015, 47, 87-100.	1.2	5
30	Epibrassinolide-induced autophagy occurs in an Atg5-independent manner due to endoplasmic stress induction in MEF cells. <i>Amino Acids</i> , 2020, 52, 871-891.	1.2	5
31	Epibrassinolide prevents tau hyperphosphorylation via GSK3 [±] inhibition in vitro and improves <i>Caenorhabditis elegans</i> lifespan and motor deficits in combination with roscovitine. <i>Amino Acids</i> , 2021, 53, 1373-1389.	1.2	4
32	Lack of evidence for the association of ornithine decarboxylase (+316 G>A), spermidine/spermine acetyl transferase (\sim 1415 T>C) gene polymorphisms with calcium oxalate stone disease. <i>Biomedical Reports</i> , 2014, 2, 69-74.	0.9	3
33	Downregulation of c-Myc mediated ODC expression after purvalanol treatment is under control of upstream MAPK signaling axis in MCF-7 breast cancer cells. <i>Turkish Journal of Biology</i> , 2014, 38, 867-879.	2.1	3
34	Fetuin-A 742 (C/T) and 766 (C/G) polymorphic sites are associated with increased risk of myocardial infarction in older patients (\geq 40 years of age). <i>Molecular Medicine Reports</i> , 2015, 12, 1356-1362.	1.1	3
35	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. <i>Phytochemistry Letters</i> , 2020, 39, 73-83.	0.6	3
36	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. <i>Molecular Biology Reports</i> , 2020, 47, 8797-8808.	1.0	3

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37	CDK inhibitors-induced SSAT expression requires NF κ B and PPAR γ 3 in MCF-7 breast cancer cells. Turkish Journal of Biology, 2015, 39, 712-721.	2.1	2
38	Inhibition of extracellular signal-regulated kinase potentiates the apoptotic and antimetastatic effects of cyclin-dependent kinase inhibitors on metastatic DU145 and PC3 prostate cancer cells. Journal of Cellular Biochemistry, 2019, 120, 5558-5569.	1.2	2
39	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
40	In Vitro Investigations of miR-33a Expression in Estrogen Receptor-Targeting Therapies in Breast Cancer Cells. Cancers, 2021, 13, 5322.	1.7	2
41	Epibrassinolide Promotes the Apoptotic Potential of Gemcitabine in Pancreatic Cancer Cells. Proceedings (mdpi), 2019, 40, .	0.2	1
42	Aging-Related Diseases and Autophagy. , 2016, , .		0
43	Autocrine Growth Hormone Mediated Curcumin Resistance Overcome by Autophagy Inhibition via Bafilomycin in MDA-MB-231 and T47D Breast Cancer Cells. Proceedings (mdpi), 2018, 2, .	0.2	0
44	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
45	Autocrine Growth Hormone (GH)-Mediated Triptolide Resistance Overcome by Metformin Co-Treatment in MDA-MB231 Breast Cancer Cells Through ER Stress Pathway. Proceedings (mdpi), 2019, 40, 9.	0.2	0
46	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
47	Triptolide-Mediated Apoptotic Cell Death Accelerated by Metformin Co-Treatment in MiaPaca-2 Cells. Proceedings (mdpi), 2019, 40, .	0.2	0
48	Cisplatin and Paclitaxel Modulated the Cell Survival Potential of Prostate Cancer Cells. Proceedings (mdpi), 2020, 40, .	0.2	0
49	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
50	Synthesis and characterization of novel ssDNA X-aptamers targeting Growth Hormone Releasing Hormone (GHRH). PLoS ONE, 2022, 17, e0260144.	1.1	0