Bu-Miin Huang

List of Publications by Year
in descending order

57	1,177	361413	434195
papers	citations	20 h-index	31 g-index

58	58	58	1175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Arsenic compounds induce apoptosis by activating the MAPK and caspase pathways in FaDu oral squamous carcinoma cells. International Journal of Oncology, 2022, 60, .	3.3	6
2	Genotoxic stress-activated DNA-PK-p53 cascade and autophagy cooperatively induce ciliogenesis to maintain the DNA damage response. Cell Death and Differentiation, 2021, 28, 1865-1879.	11.2	24
3	Fibroblast Growth Factor 9 Stimulates Neuronal Length Through NF-kB Signaling in Striatal Cell Huntingtonâ€™s Disease Models. Molecular Neurobiology, 2021, 58, 2396-2406.	4.0	9
4	FGF9 induces neurite outgrowth upon ERK signaling in knock-in striatal Huntington's disease cells. Life Sciences, 2021, 267, 118952.	4.3	10
5	Midazolamâ€™s Effects on Delayed-Rectifier K+ Current and Intermediate-Conductance Ca2+-Activated K+ Channel in Jurkat T-lymphocytes. International Journal of Molecular Sciences, 2021, 22, 7198.	4.1	2
6	The Role of Autophagy in Anti-Cancer and Health Promoting Effects of Cordycepin. Molecules, 2021, 26, 4954.	3.8	12
7	Phytochemicals from Polyalthia Species: Potential and Implication on Anti-Oxidant, Anti-Inflammatory, Anti-Cancer, and Chemoprevention Activities. Molecules, 2021, 26, 5369.	3.8	7
8	FGF9/FGFR1 promotes cell proliferation, epithelial-mesenchymal transition, M2 macrophage infiltration and liver metastasis of lung cancer. Translational Oncology, 2021, 14, 101208.	3.7	19
9	Qing Yan Li Ge Tang, a Chinese Herbal Formula, Induces Autophagic Cell Death through the PI3K/Akt/mTOR Pathway in Nasopharyngeal Carcinoma Cells In Vitro. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-10.	1.2	1
10	Anticancer Effects of Midazolam on Lung and Breast Cancers by Inhibiting Cell Proliferation and Epithelial-Mesenchymal Transition. Life, 2021, 11, 1396.	2.4	8
11	BDNF reverses aging-related microglial activation. Journal of Neuroinflammation, 2020, 17, 210.	7.2	77
12	Anti-Cancer Effect of Cordycepin on FGF9-Induced Testicular Tumorigenesis. International Journal of Molecular Sciences, 2020, 21, 8336.	4.1	20
13	16-Hydroxycleroda-3,13-Dien-15,16-Olide Induces Apoptosis in Human Bladder Cancer Cells through Cell Cycle Arrest, Mitochondria ROS Overproduction, and Inactivation of EGFR-Related Signalling Pathways. Molecules, 2020, 25, 3958.	3.8	9
14	FGF9 is a downstream target of SRY and sufficient to determine male sex fate in ex vivo XX gonad culture. Biology of Reproduction, 2020, 103, 1300-1313.	2.7	6
15	Cordycepin Inhibits Human Gestational Choriocarcinoma Cell Growth by Disrupting Centrosome Homeostasis . Drug Design, Development and Therapy, 2020, Volume 14, 2987-3000.	4.3	6
16	Propofol induces apoptosis by activating caspases and the MAPK pathways, and inhibiting the Akt pathway in TM3 mouse Leydig stem/progenitor cells. International Journal of Molecular Medicine, 2020, 46, 439-448.	4.0	5
17	Arsenic compounds activate the MAPK and caspase pathways to induce apoptosis in OECâ€˜M1 gingival epidermal carcinoma. Oncology Reports, 2020, 44, 2701-2714.	2.6	9
18	Arsenic compounds induce apoptosis through caspase pathway activation in MAâ€‘10 Leydig tumor cells. Oncology Letters, 2019, 18, 944-954.	1.8	6

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19	Polyphenol-Rich Extracts from Toona sinensis Bark and Fruit Ameliorate Free Fatty Acid-Induced Lipogenesis through AMPK and LC3 Pathways. Journal of Clinical Medicine, 2019, 8, 1664.	2.4	16
20	Cordycepin Enhances Radiosensitivity in Oral Squamous Carcinoma Cells by Inducing Autophagy and Apoptosis Through Cell Cycle Arrest. International Journal of Molecular Sciences, 2019, 20, 5366.	4.1	24
21	Cordycepinâ€induced unfolded protein responseâ€dependent cell death, and AKT/MAPKâ€mediated drug resistance in mouse testicular tumor cells. Cancer Medicine, 2019, 8, 3949-3964.	2.8	8
22	Primary Culture of Rat Adrenocortical Cells and Assays of Steroidogenic Functions. Journal of Visualized Experiments, 2019, , .	0.3	1
23	Fibroblast growth factor 9 activates anti-oxidative functions of Nrf2 through ERK signalling in striatal cell models of Huntington's disease. Free Radical Biology and Medicine, 2019, 130, 256-266.	2.9	25
24	Propofol may increase caspase and MAPK pathways, and suppress the Akt pathway to induce apoptosis in MAâ€10 mouse Leydig tumor cells. Oncology Reports, 2019, 41, 3565-3574.	2.6	15
25	Midazolam inhibits chondrogenesis via peripheral benzodiazepine receptor in human mesenchymal stem cells. Journal of Cellular and Molecular Medicine, 2018, 22, 2896-2907.	3.6	6
26	7â€hydroxyâ€staurosporine, UCNâ€01, induces DNA damage response, and autophagy in human osteosarcoma U2â€OS cells. Journal of Cellular Biochemistry, 2018, 119, 4729-4741.	2.6	20
27	16-Hydroxycleroda-3,13-dien-15,16-olide induces anoikis in human renal cell carcinoma cells: involvement of focal adhesion disassembly and signaling. OncoTargets and Therapy, 2018, Volume 11, 7679-7690.	2.0	9
28	FGF9/FGFR2 increase cell proliferation by activating <scp>ERK</scp>1/2, Rb/E2F1, and cell cycle pathways in mouse Leydig tumor cells. Cancer Science, 2018, 109, 3503-3518.	3.9	32
29	Fibroblast Growth Factor 9 Suppresses Striatal Cell Death Dominantly Through ERK Signaling in Huntingtonâ€™s Disease. Cellular Physiology and Biochemistry, 2018, 48, 605-617.	1.6	19
30	Glycine N-methyltransferase inhibits aristolochic acid nephropathy by increasing CYP3A44 and decreasing NQO1 expression in female mouse hepatocytes. Scientific Reports, 2018, 8, 6960.	3.3	12
31	Bortezomib enhances radiosensitivity in oral cancer through inducing autophagy-mediated TRAF6 oncoprotein degradation. Journal of Experimental and Clinical Cancer Research, 2018, 37, 91.	8.6	23
32	Midazolam activates caspase, MAPKs and endoplasmic reticulum stress pathways, and inhibits cell cycle and Akt pathway, to induce apoptosis in TM3 mouse Leydig progenitor cells. OncoTargets and Therapy, 2018, Volume 11, 1475-1490.	2.0	9
33	Functional study of Cordyceps sinensis and cordycepin in male reproduction: A review. Journal of Food and Drug Analysis, 2017, 25, 197-205.	1.9	52
34	16-Hydroxycleroda-3, 13-dien-15, 16-olide inhibits the proliferation and induces mitochondrial-dependent apoptosis through Akt, mTOR, and MEK-ERK pathways in human renal carcinoma cells. Phytomedicine, 2017, 36, 95-107.	5.3	20
35	Lysosomal activity maintains glycolysis and cyclin E1 expression by mediating Ad4BP/SF-1 stability for proper steroidogenic cell growth. Scientific Reports, 2017, 7, 240.	3.3	13
36	Cross-Sectional Nakagami Images in Passive Stretches Reveal Damage of Injured Muscles. BioMed Research International, 2016, 2016, 1-11.	1.9	2

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37	Midazolam regulated caspase pathway, endoplasmic reticulum stress, autophagy, and cell cycle to induce apoptosis in MA-10 mouse Leydig tumor cells. OncoTargets and Therapy, 2016, 9, 2519.	2.0	14
38	Cyclic Stretch Facilitates Myogenesis in C2C12 Myoblasts and Rescues Thiazolidinedione-Inhibited Myotube Formation. Frontiers in Bioengineering and Biotechnology, 2016, 4, 27.	4.1	28
39	The expression profiles of fibroblast growth factor 9 and its receptors in developing mice testes. Organogenesis, 2016, 12, 61-77.	1.2	9
40	Cordycepin induced MA-10 mouse Leydig tumor cell apoptosis by regulating p38 MAPKs and PI3K/AKT signaling pathways. Scientific Reports, 2015, 5, 13372.	3.3	61
41	Apoptotic effect of cordycepin combined with cisplatin and/or paclitaxel on MA-10 mouse Leydig tumor cells. OncoTargets and Therapy, 2015, 8, 2345.	2.0	5
42	FGF9-induced changes in cellular redox status and HO-1 upregulation are FGFR-dependent and proceed through both ERK and AKT to induce CREB and Nrf2 activation. Free Radical Biology and Medicine, 2015, 89, 274-286.	2.9	38
43	Fibroblast Growth Factor 9 Activates Akt and MAPK Pathways to Stimulate Steroidogenesis in Mouse Leydig Cells. PLoS ONE, 2014, 9, e90243.	2.5	32
44	Midazolam induces apoptosis in MA-10 mouse Leydig tumor cells through caspase activation and the involvement of MAPK signaling pathway. OncoTargets and Therapy, 2014, 7, 211.	2.0	8
45	Cordycepin Stimulated Steroidogenesis in MA-10 Mouse Leydig Tumor Cells through the Protein Kinase C Pathway. Journal of Agricultural and Food Chemistry, 2012, 60, 4905-4913.	5.2	54
46	Thein Vivoandin VitroStimulatory Effects of Cordycepin on Mouse Leydig Cell Steroidogenesis. Bioscience, Biotechnology and Biochemistry, 2011, 75, 723-731.	1.3	42
47	The Effect of Cordycepin on Steroidogenesis and Apoptosis in MA-10 Mouse Leydig Tumor Cells. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-14.	1.2	17
48	Regulatory Mechanisms ofCordyceps sinensison Steroidogenesis in MA-10 Mouse Leydig Tumor Cells. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1855-1859.	1.3	9
49	The in Vivo Effect of Cordyceps sinensis Mycelium on Plasma Corticosterone Level in Male Mouse. Biological and Pharmaceutical Bulletin, 2005, 28, 1722-1725.	1.4	16
50	Cordyceps sinensis mycelium activates PKA and PKC signal pathways to stimulate steroidogenesis in MA-10 mouse Leydig tumor cells. International Journal of Biochemistry and Cell Biology, 2005, 37, 214-223.	2.8	42
51	Upregulation of Steroidogenic Enzymes and Ovarian 17Î²-Estradiol in Human Granulosa-Lutein Cells by Cordyceps sinensis Mycelium1. Biology of Reproduction, 2004, 70, 1358-1364.	2.7	34
52	In vivo stimulatory effect of Cordyceps sinensis mycelium and its fractions on reproductive functions in male mouse. Life Sciences, 2004, 75, 1051-1062.	4.3	43
53	Regulatory mechanism of Cordyceps sinensis mycelium on mouse Leydig cell steroidogenesis. FEBS Letters, 2003, 543, 140-143.	2.8	35
54	In vivo and in vitro stimulatory effects of Cordyceps sinensis on testosterone production in mouse Leydig cells. Life Sciences, 2003, 73, 2127-2136.	4.3	36

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55	Effects of Cordyceps sinensis on testosterone production in normal mouse Leydig cells. Life Sciences, 2001, 69, 2593-2602.	4.3	38
56	Effects of Extracted Cordyceps sinensis on Steroidogenesis in MA-10 Mouse Leydig Tumor Cells.. Biological and Pharmaceutical Bulletin, 2000, 23, 1532-1535.	1.4	30
57	Corticotropin-Releasing Hormone Stimulates Steroidogenesis in Mouse Leydig Cells1. Biology of Reproduction, 1995, 53, 620-626.	2.7	44