

Bu-Miin Huang

List of Publications by Year in descending order

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57
papers

1,177
citations

361413

20
h-index

434195

31
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58
all docs

58
docs citations

58
times ranked

1175
citing authors

#	ARTICLE	IF	CITATIONS
1	BDNF reverses aging-related microglial activation. <i>Journal of Neuroinflammation</i> , 2020, 17, 210.	7.2	77
2	Cordycepin induced MA-10 mouse Leydig tumor cell apoptosis by regulating p38 MAPKs and PI3K/AKT signaling pathways. <i>Scientific Reports</i> , 2015, 5, 13372.	3.3	61
3	Cordycepin Stimulated Steroidogenesis in MA-10 Mouse Leydig Tumor Cells through the Protein Kinase C Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4905-4913.	5.2	54
4	Functional study of Cordyceps sinensis and cordycepin in male reproduction: A review. <i>Journal of Food and Drug Analysis</i> , 2017, 25, 197-205.	1.9	52
5	Corticotropin-Releasing Hormone Stimulates Steroidogenesis in Mouse Leydig Cells ¹ . <i>Biology of Reproduction</i> , 1995, 53, 620-626.	2.7	44
6	In vivo stimulatory effect of Cordyceps sinensis mycelium and its fractions on reproductive functions in male mouse. <i>Life Sciences</i> , 2004, 75, 1051-1062.	4.3	43
7	Cordyceps sinensis mycelium activates PKA and PKC signal pathways to stimulate steroidogenesis in MA-10 mouse Leydig tumor cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 214-223.	2.8	42
8	The <i>in Vivo</i> and <i>in Vitro</i> Stimulatory Effects of Cordycepin on Mouse Leydig Cell Steroidogenesis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 723-731.	1.3	42
9	Effects of Cordyceps sinensis on testosterone production in normal mouse Leydig cells. <i>Life Sciences</i> , 2001, 69, 2593-2602.	4.3	38
10	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. <i>Free Radical Biology and Medicine</i> , 2015, 89, 274-286.	2.9	38
11	In vivo and in vitro stimulatory effects of Cordyceps sinensis on testosterone production in mouse Leydig cells. <i>Life Sciences</i> , 2003, 73, 2127-2136.	4.3	36
12	Regulatory mechanism of Cordyceps sinensis mycelium on mouse Leydig cell steroidogenesis. <i>FEBS Letters</i> , 2003, 543, 140-143.	2.8	35
13	Upregulation of Steroidogenic Enzymes and Ovarian 17 β -Estradiol in Human Granulosa-Lutein Cells by Cordyceps sinensis Mycelium ¹ . <i>Biology of Reproduction</i> , 2004, 70, 1358-1364.	2.7	34
14	Fibroblast Growth Factor 9 Activates Akt and MAPK Pathways to Stimulate Steroidogenesis in Mouse Leydig Cells. <i>PLoS ONE</i> , 2014, 9, e90243.	2.5	32
15	FGF9/FGFR2 increase cell proliferation by activating ERK ^{1/2} , Rb/E2F1, and cell cycle pathways in mouse Leydig tumor cells. <i>Cancer Science</i> , 2018, 109, 3503-3518.	3.9	32
16	Effects of Extracted Cordyceps sinensis on Steroidogenesis in MA-10 Mouse Leydig Tumor Cells.. <i>Biological and Pharmaceutical Bulletin</i> , 2000, 23, 1532-1535.	1.4	30
17	Cyclic Stretch Facilitates Myogenesis in C2C12 Myoblasts and Rescues Thiazolidinedione-Inhibited Myotube Formation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2016, 4, 27.	4.1	28
18	Fibroblast growth factor 9 activates anti-oxidative functions of Nrf2 through ERK signalling in striatal cell models of Huntington's disease. <i>Free Radical Biology and Medicine</i> , 2019, 130, 256-266.	2.9	25

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19	Cordycepin Enhances Radiosensitivity in Oral Squamous Carcinoma Cells by Inducing Autophagy and Apoptosis Through Cell Cycle Arrest. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5366.	4.1	24
20	Genotoxic stress-activated DNA-PK-p53 cascade and autophagy cooperatively induce ciliogenesis to maintain the DNA damage response. <i>Cell Death and Differentiation</i> , 2021, 28, 1865-1879.	11.2	24
21	Bortezomib enhances radiosensitivity in oral cancer through inducing autophagy-mediated TRAF6 oncoprotein degradation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 91.	8.6	23
22	16-Hydroxycyclohexa-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. <i>Phytomedicine</i> , 2017, 36, 95-107.	5.3	20
23	7- <i>hydroxy</i> -staurosporine, UCN01, induces DNA damage response, and autophagy in human osteosarcoma U2OS cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4729-4741.	2.6	20
24	Anti-Cancer Effect of Cordycepin on FGF9-Induced Testicular Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8336.	4.1	20
25	Fibroblast Growth Factor 9 Suppresses Striatal Cell Death Dominantly Through ERK Signaling in Huntington's Disease. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 605-617.	1.6	19
26	FGF9/FGFR1 promotes cell proliferation, epithelial-mesenchymal transition, M2 macrophage infiltration and liver metastasis of lung cancer. <i>Translational Oncology</i> , 2021, 14, 101208.	3.7	19
27	The Effect of Cordycepin on Steroidogenesis and Apoptosis in MA-10 Mouse Leydig Tumor Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-14.	1.2	17
28	The in Vivo Effect of Cordyceps sinensis Mycelium on Plasma Corticosterone Level in Male Mouse. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 1722-1725.	1.4	16
29	Polyphenol-Rich Extracts from <i>Toona sinensis</i> Bark and Fruit Ameliorate Free Fatty Acid-Induced Lipogenesis through AMPK and LC3 Pathways. <i>Journal of Clinical Medicine</i> , 2019, 8, 1664.	2.4	16
30	Propofol may increase caspase and MAPK pathways, and suppress the Akt pathway to induce apoptosis in MA-10 mouse Leydig tumor cells. <i>Oncology Reports</i> , 2019, 41, 3565-3574.	2.6	15
31	Midazolam regulated caspase pathway, endoplasmic reticulum stress, autophagy, and cell cycle to induce apoptosis in MA-10 mouse Leydig tumor cells. <i>OncoTargets and Therapy</i> , 2016, 9, 2519.	2.0	14
32	Lysosomal activity maintains glycolysis and cyclin E1 expression by mediating Ad4BP/SF-1 stability for proper steroidogenic cell growth. <i>Scientific Reports</i> , 2017, 7, 240.	3.3	13
33	Glycine N-methyltransferase inhibits aristolochic acid nephropathy by increasing CYP3A44 and decreasing NQO1 expression in female mouse hepatocytes. <i>Scientific Reports</i> , 2018, 8, 6960.	3.3	12
34	The Role of Autophagy in Anti-Cancer and Health Promoting Effects of Cordycepin. <i>Molecules</i> , 2021, 26, 4954.	3.8	12
35	FGF9 induces neurite outgrowth upon ERK signaling in knock-in striatal Huntington's disease cells. <i>Life Sciences</i> , 2021, 267, 118952.	4.3	10
36	Regulatory Mechanisms of <i>Cordyceps sinensis</i> on Steroidogenesis in MA-10 Mouse Leydig Tumor Cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 1855-1859.	1.3	9

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37	The expression profiles of fibroblast growth factor 9 and its receptors in developing mice testes. <i>Organogenesis</i> , 2016, 12, 61-77.	1.2	9
38	16-Hydroxycyclohexa-3,13-dien-15,16-olide induces anoikis in human renal cell carcinoma cells: involvement of focal adhesion disassembly and signaling. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 7679-7690.	2.0	9
39	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. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 1475-1490.	2.0	9
40	16-Hydroxycyclohexa-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. <i>Molecules</i> , 2020, 25, 3958.	3.8	9
41	Fibroblast Growth Factor 9 Stimulates Neuronal Length Through NF- κ B Signaling in Striatal Cell Huntington's Disease Models. <i>Molecular Neurobiology</i> , 2021, 58, 2396-2406.	4.0	9
42	Arsenic compounds activate the MAPK and caspase pathways to induce apoptosis in OECM1 gingival epidermal carcinoma. <i>Oncology Reports</i> , 2020, 44, 2701-2714.	2.6	9
43	Midazolam induces apoptosis in MA-10 mouse Leydig tumor cells through caspase activation and the involvement of MAPK signaling pathway. <i>OncoTargets and Therapy</i> , 2014, 7, 211.	2.0	8
44	Cordycepin-induced unfolded protein response-dependent cell death, and AKT/MAPK-mediated drug resistance in mouse testicular tumor cells. <i>Cancer Medicine</i> , 2019, 8, 3949-3964.	2.8	8
45	Anticancer Effects of Midazolam on Lung and Breast Cancers by Inhibiting Cell Proliferation and Epithelial-Mesenchymal Transition. <i>Life</i> , 2021, 11, 1396.	2.4	8
46	Phytochemicals from <i>Polyalthia</i> Species: Potential and Implication on Anti-Oxidant, Anti-Inflammatory, Anti-Cancer, and Chemoprevention Activities. <i>Molecules</i> , 2021, 26, 5369.	3.8	7
47	Midazolam inhibits chondrogenesis via peripheral benzodiazepine receptor in human mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2896-2907.	3.6	6
48	Arsenic compounds induce apoptosis through caspase pathway activation in MA-10 Leydig tumor cells. <i>Oncology Letters</i> , 2019, 18, 944-954.	1.8	6
49	FGF9 is a downstream target of SRY and sufficient to determine male sex fate in ex vivo XX gonad culture. <i>Biology of Reproduction</i> , 2020, 103, 1300-1313.	2.7	6
50	<p></p>Cordycepin Inhibits Human Gestational Choriocarcinoma Cell Growth by Disrupting Centrosome Homeostasis</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 2987-3000.	4.3	6
51	Arsenic compounds induce apoptosis by activating the MAPK and caspase pathways in FaDu oral squamous carcinoma cells. <i>International Journal of Oncology</i> , 2022, 60, .	3.3	6
52	Apoptotic effect of cordycepin combined with cisplatin and/or paclitaxel on MA-10 mouse Leydig tumor cells. <i>OncoTargets and Therapy</i> , 2015, 8, 2345.	2.0	5
53	Propofol induces apoptosis by activating caspases and the MAPK pathways, and inhibiting the Akt pathway in TM3 mouse Leydig stem/progenitor cells. <i>International Journal of Molecular Medicine</i> , 2020, 46, 439-448.	4.0	5
54	Cross-Sectional Nakagami Images in Passive Stretches Reveal Damage of Injured Muscles. <i>BioMed Research International</i> , 2016, 2016, 1-11.	1.9	2

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55	Midazolam's Effects on Delayed-Rectifier K ⁺ Current and Intermediate-Conductance Ca ²⁺ -Activated K ⁺ Channel in Jurkat T-lymphocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7198.	4.1	2
56	Primary Culture of Rat Adrenocortical Cells and Assays of Steroidogenic Functions. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	1
57	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. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-10.	1.2	1