

Kritarth Singh

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,449
citations

361413

20
h-index

345221

36
g-index

38
all docs

38
docs citations

38
times ranked

2361
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic Analysis of Small RNAs Associated with Human Mitochondria by Deep Sequencing: Detailed Analysis of Mitochondrial Associated miRNA. PLoS ONE, 2012, 7, e44873.	2.5	167
2	TLRs: Linking inflammation and breast cancer. Cellular Signalling, 2014, 26, 2350-2357.	3.6	154
3	Mitochondria: One of the destinations of miRNAs. Mitochondrion, 2012, 12, 593-599.	3.4	95
4	TNF- α regulates miRNA targeting mitochondrial complex-I and induces cell death in dopaminergic cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 451-461.	3.8	92
5	TRIM family proteins: emerging class of RING E3 ligases as regulator of NF- κ B pathway. Biology of the Cell, 2015, 107, 22-40.	2.0	78
6	TRIM13 regulates ER stress induced autophagy and clonogenic ability of the cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 316-326.	4.1	75
7	Severe hyperthyroidism induces mitochondria-mediated apoptosis in rat liver. Hepatology, 2004, 39, 1120-1130.	7.3	74
8	hsa-miR-4485 regulates mitochondrial functions and inhibits the tumorigenicity of breast cancer cells. Journal of Molecular Medicine, 2017, 95, 641-651.	3.9	55
9	TRIM13 regulates caspase-8 ubiquitination, translocation to autophagosomes and activation during ER stress induced cell death. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3134-3144.	4.1	51
10	NLRX1 acts as tumor suppressor by regulating TNF- α induced apoptosis and metabolism in cancer cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1073-1086.	4.1	51
11	Nucleo-Cytoplasmic Trafficking of TRIM8, a Novel Oncogene, Is Involved in Positive Regulation of TNF Induced NF- κ B Pathway. PLoS ONE, 2012, 7, e48662.	2.5	46
12	MitoSegNet: Easy-to-use Deep Learning Segmentation for Analyzing Mitochondrial Morphology. IScience, 2020, 23, 101601.	4.1	44
13	TRIM13 regulates ubiquitination and turnover of NEMO to suppress TNF induced NF- κ B activation. Cellular Signalling, 2014, 26, 2606-2613.	3.6	37
14	Antiviral signaling protein MITA acts as a tumor suppressor in breast cancer by regulating NF- κ B induced cell death. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 144-153.	3.8	34
15	Hyperthyroidism induces apoptosis in rat liver through activation of death receptor-mediated pathways. Journal of Hepatology, 2007, 46, 888-898.	3.7	33
16	TRIM4; a novel mitochondrial interacting RING E3 ligase, sensitizes the cells to hydrogen peroxide (H ₂ O ₂) induced cell death. Free Radical Biology and Medicine, 2015, 89, 1036-1048.	2.9	32
17	NLRX1 regulates TNF- α -induced mitochondria-lysosomal crosstalk to maintain the invasive and metastatic potential of breast cancer cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1460-1476.	3.8	32
18	NLRX1 resides in mitochondrial RNA granules and regulates mitochondrial RNA processing and bioenergetic adaptation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1260-1276.	4.1	31

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19	FMRpolyG alters mitochondrial transcripts level and respiratory chain complex assembly in Fragile X associated tremor/ataxia syndrome [FXTAS]. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1379-1388.	3.8	25
20	The leucine aminopeptidase of <i>Staphylococcus aureus</i> is secreted and contributes to biofilm formation. <i>International Journal of Infectious Diseases</i> , 2012, 16, e375-e381.	3.3	23
21	TRIM8 regulated autophagy modulates the level of cleaved Caspase-3 subunit to inhibit genotoxic stress induced cell death. <i>Cellular Signalling</i> , 2018, 48, 1-12.	3.6	23
22	Systemic Analysis of miRNAs in PD Stress Condition: miR-5701 Modulates Mitochondrial-Lysosomal Cross Talk to Regulate Neuronal Death. <i>Molecular Neurobiology</i> , 2018, 55, 4689-4701.	4.0	19
23	Heterogeneous surface architected pH responsive Metal-Drug Nano-conjugates for mitochondria targeted therapy of Glioblastomas: A multimodal intranasal approach. <i>Chemical Engineering Journal</i> , 2020, 394, 124419.	12.7	19
24	Constitutive activation of the PI3K-Akt-mTORC1 pathway sustains the m.3243A>G mtDNA mutation. <i>Nature Communications</i> , 2021, 12, 6409.	12.8	19
25	The spectrum of neurodevelopmental, neuromuscular and neurodegenerative disorders due to defective autophagy. <i>Autophagy</i> , 2022, 18, 496-517.	9.1	18
26	MITA modulated autophagy flux promotes cell death in breast cancer cells. <i>Cellular Signalling</i> , 2017, 35, 73-83.	3.6	17
27	TRIM32 regulates mitochondrial mediated ROS levels and sensitizes the oxidative stress induced cell death. <i>Cellular Signalling</i> , 2020, 76, 109777.	3.6	15
28	TRIM-NHL as RNA Binding Ubiquitin E3 Ligase (RBUL): Implication in development and disease pathogenesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166066.	3.8	15
29	TRIMs: selective recruitment at different steps of the NF- κ B pathway as determinant of activation or resolution of inflammation. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6069-6086.	5.4	11
30	Enforced lysosomal biogenesis rescues erythromycin- and clindamycin-induced mitochondria-mediated cell death in human cells. <i>Molecular and Cellular Biochemistry</i> , 2019, 461, 23-36.	3.1	10
31	Mitohormesis; Potential implications in neurodegenerative diseases. <i>Mitochondrion</i> , 2021, 56, 40-46.	3.4	10
32	Expression of expanded FMR1-CGG repeats alters mitochondrial miRNAs and modulates mitochondrial functions and cell death in cellular model of FXTAS. <i>Free Radical Biology and Medicine</i> , 2021, 165, 100-110.	2.9	9
33	The analog of cGAMP, c-di-AMP, activates STING mediated cell death pathway in estrogen-receptor negative breast cancer cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2021, 26, 293-306.	4.9	9
34	TNF- α -induced E3 ligase, TRIM15 inhibits TNF- α -regulated NF- κ B pathway by promoting turnover of K63 linked ubiquitination of TAK1. <i>Cellular Signalling</i> , 2022, 91, 110210.	3.6	9
35	The emerging molecular mechanisms for mitochondrial dysfunctions in FXTAS. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165918.	3.8	8
36	TNF- α differentially modulates subunit levels of respiratory electron transport complexes of ER/PR +ve/-ve breast cancer cells to regulate mitochondrial complex activity and tumorigenic potential. <i>Cancer & Metabolism</i> , 2021, 9, 19.	5.0	8

#	ARTICLE	IF	CITATIONS
37	TRIM13, Novel Tumor Suppressor. , 2014, , 293-304.		1