

Sudharsana Rao Ande

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

4,372
citations

236833

25
h-index

254106

43
g-index

55
all docs

55
docs citations

55
times ranked

7526
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy and apoptosis dysfunction in neurodegenerative disorders. <i>Progress in Neurobiology</i> , 2014, 112, 24-49.	2.8	957
2	Apoptosis and cancer: mutations within caspase genes. <i>Journal of Medical Genetics</i> , 2009, 46, 497-510.	1.5	587
3	Cell survival, cell death and cell cycle pathways are interconnected: Implications for cancer therapy. <i>Drug Resistance Updates</i> , 2007, 10, 13-29.	6.5	381
4	Cancer stem cell markers in common cancers – therapeutic implications. <i>Trends in Molecular Medicine</i> , 2008, 14, 450-460.	3.5	353
5	Glioblastoma and chemoresistance to alkylating agents: Involvement of apoptosis, autophagy, and unfolded protein response. , 2018, 184, 13-41.		230
6	S100A8/A9 induces autophagy and apoptosis via ROS-mediated cross-talk between mitochondria and lysosomes that involves BNIP3. <i>Cell Research</i> , 2010, 20, 314-331.	5.7	198
7	The roles of apoptosis, autophagy and unfolded protein response in arbovirus, influenza virus, and HIV infections. <i>Virulence</i> , 2019, 10, 376-413.	1.8	165
8	Akt-mediated phosphorylation of CDK2 regulates its dual role in cell cycle progression and apoptosis. <i>Journal of Cell Science</i> , 2008, 121, 979-988.	1.2	160
9	The role of prohibitin in cell signaling. <i>FEBS Journal</i> , 2010, 277, 3937-3946.	2.2	134
10	Targeting the mevalonate cascade as a new therapeutic approach in heart disease, cancer and pulmonary disease. , 2014, 143, 87-110.		131
11	Mechanisms of cell death induction by L-amino acid oxidase, a major component of ophidian venom. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1439-1451.	2.2	97
12	Prohibitin interacts with phosphatidylinositol 3,4,5-triphosphate (PIP3) and modulates insulin signaling. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 1023-1028.	1.0	67
13	O-GlcNAc modification: why so intimately associated with phosphorylation?. <i>Cell Communication and Signaling</i> , 2011, 9, 1.	2.7	58
14	Insulin induced phosphorylation of prohibitin at tyrosine114 recruits Shp1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1372-1378.	1.9	57
15	Prohibitin has an important role in adipocyte differentiation. <i>International Journal of Obesity</i> , 2012, 36, 1236-1244.	1.6	54
16	Prohibitin Overexpression in Adipocytes Induces Mitochondrial Biogenesis, Leads to Obesity Development, and Affects Glucose Homeostasis in a Sex-Specific Manner. <i>Diabetes</i> , 2014, 63, 3734-3741.	0.3	54
17	Interaction between O-GlcNAc Modification and Tyrosine Phosphorylation of Prohibitin: Implication for a Novel Binary Switch. <i>PLoS ONE</i> , 2009, 4, e4586.	1.1	52
18	Apoptosis, autophagy and unfolded protein response pathways in Arbovirus replication and pathogenesis. <i>Expert Reviews in Molecular Medicine</i> , 2016, 18, e1.	1.6	48

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19	Akt is transferred to the nucleus of cells treated with apoptin, and it participates in apoptin-induced cell death. <i>Cell Proliferation</i> , 2007, 40, 835-848.	2.4	45
20	Virus-triggered autophagy in viral hepatitis - possible novel strategies for drug development. <i>Journal of Viral Hepatitis</i> , 2011, 18, 821-830.	1.0	44
21	Induction of apoptosis in yeast by <i>Calloselasma rhodostoma</i> amino acid oxidase from the Malayan pit viper. <i>Yeast</i> , 2008, 25, 349-357.	0.8	42
22	The ubiquitin pathway: An emerging drug target in cancer therapy. <i>European Journal of Pharmacology</i> , 2009, 625, 199-205.	1.7	41
23	Interaction with PI3-kinase contributes to the cytotoxic activity of Apoptin. <i>Oncogene</i> , 2008, 27, 3060-3065.	2.6	40
24	Altered O-GlcNAc modification and phosphorylation of mitochondrial proteins in myoblast cells exposed to high glucose. <i>Archives of Biochemistry and Biophysics</i> , 2011, 505, 98-104.	1.4	39
25	Prohibitin-induced, obesity-associated insulin resistance and accompanying low-grade inflammation causes NASH and HCC. <i>Scientific Reports</i> , 2016, 6, 23608.	1.6	37
26	Prohibitin: a potential therapeutic target in tyrosine kinase signaling. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, 17059.	7.1	37
27	Phosphorylation of transglutaminase 2 (TG2) at serine-216 has a role in TG2 mediated activation of nuclear factor-kappa B and in the downregulation of PTEN. <i>BMC Cancer</i> , 2012, 12, 277.	1.1	26
28	Prohibitin in Adipose and Immune Functions. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 531-541.	3.1	25
29	Palmitoylation of prohibitin at cysteine 69 facilitates its membrane translocation and interaction with Eps 15 homology domain protein 2 (EHD2). <i>Biochemistry and Cell Biology</i> , 2010, 88, 553-558.	0.9	24
30	Mechanisms Targeting the Unfolded Protein Response in Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 29-38.	1.4	24
31	Expression of a mutant prohibitin from the aP2 gene promoter leads to obesity-linked tumor development in insulin resistance-dependent manner. <i>Oncogene</i> , 2016, 35, 4459-4470.	2.6	22
32	Mevalonate Cascade and its Regulation in Cholesterol Metabolism in Different Tissues in Health and Disease. <i>Current Molecular Pharmacology</i> , 2017, 10, 13-26.	0.7	21
33	Prohibitin: A new player in immunometabolism and in linking obesity and inflammation with cancer. <i>Cancer Letters</i> , 2018, 415, 208-216.	3.2	16
34	Obesity-related abnormalities couple environmental triggers with genetic susceptibility in adult-onset T1D. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 94-100.	1.0	13
35	Nuclear coded mitochondrial protein prohibitin is an iron regulated iron binding protein. <i>Mitochondrion</i> , 2011, 11, 40-47.	1.6	12
36	Myocardial Cell Signaling During the Transition to Heart Failure. , 2018, 9, 75-125.		12

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37	Functional characterization of naturally occurring transglutaminase 2 mutants implicated in early-onset type 2 diabetes. <i>Journal of Molecular Endocrinology</i> , 2012, 48, 203-216.	1.1	11
38	Temporal analysis of protein lysine acetylation during adipocyte differentiation. <i>Adipocyte</i> , 2013, 2, 33-40.	1.3	11
39	Gonadectomy in Mito-Ob mice revealed a sex-dimorphic relationship between prohibitin and sex steroids in adipose tissue biology and glucose homeostasis. <i>Biology of Sex Differences</i> , 2018, 9, 37.	1.8	10
40	Early diagnosis of mortality using admission CT perfusion in severe traumatic brain injury patients (ACT-TBI): protocol for a prospective cohort study. <i>BMJ Open</i> , 2021, 11, e047305.	0.8	8
41	Overexpression of phospho mutant forms of transglutaminase 2 downregulates epidermal growth factor receptor. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 251-255.	1.0	6
42	Mutually exclusive acetylation and ubiquitylation among enzymes involved in glucose metabolism. <i>Adipocyte</i> , 2013, 2, 256-261.	1.3	6
43	Imaging for Predicting Hemorrhagic Transformation of Acute Ischemic Stroke – A Narrative Review. <i>Canadian Association of Radiologists Journal</i> , 2022, 73, 194-202.	1.1	5
44	Prohibitin: an unexpected role in sex dimorphic functions. <i>Biology of Sex Differences</i> , 2016, 7, 30.	1.8	4
45	Prohibitin-induced obesity leads to anovulation and polycystic ovary in mice. <i>Biology Open</i> , 2017, 6, 825-831.	0.6	2
46	Apoptosis-Inducing Activity of the S100A8/A9 Heterodimer. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2009, 8, 318-328.	1.1	2
47	Prohibitin plays a role in the functional plasticity of macrophages. <i>Molecular Immunology</i> , 2022, 144, 152-165.	1.0	2
48	Peptides and Peptidomimetics as Cancer Therapy Sensitizing Agents. , 2008, , 279-303.		1
49	Ancillary Imaging Tests for Confirmation of Brain Death. , 0, , .		1
50	Protein Modification by γ -N-Acetyl Glucosamine (O-GlcNAc) in Insulin Signaling and Insulin Resistance. <i>Recent Patents on Endocrine, Metabolic & Immune Drug Discovery</i> , 2010, 4, 161-171.	0.7	0
51	Assessment of Posttranslational Modification of Mitochondrial Proteins. <i>Methods in Molecular Biology</i> , 2015, 1264, 331-341.	0.4	0
52	Prohibitin interacts with phosphatidylinositol 3,4,5-triphosphate (PIP3) and modulates insulin signaling. <i>FASEB Journal</i> , 2010, 24, 848.1.	0.2	0
53	Prohibitin Plays an Important Role in Adipocyte Differentiation. <i>FASEB Journal</i> , 2012, 26, 567.1.	0.2	0
54	The Measurement of Whole-Body Glucose Homeostasis in Mice. <i>Methods in Molecular Biology</i> , 2020, 2184, 225-231.	0.4	0

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55	Safety and effectiveness of vascular closure devices in interventional radiological procedures. <i>Interventional Neuroradiology</i> , 2022, , 159101992211006.	0.7	0