

Jesusa L Rosales

List of Publications by Year in descending order

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43
papers

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citations

394421

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35
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45
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docs citations

45
times ranked

1819
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS-Mediated Apoptosis in Cancer. , 2022, , 599-618.		0
2	CDK5RAP2 loss-of-function causes premature cell senescence via the GSK3 β /I χ 2-catenin-WIP1 pathway. Cell Death and Disease, 2022, 13, 9.	6.3	2
3	Centromeric chromatin integrity is compromised by loss of Cdk5rap2, a transcriptional activator of CENP-A. Biomedicine and Pharmacotherapy, 2021, 138, 111463.	5.6	5
4	d,l-Methadone causes leukemic cell apoptosis via an OPRM1-triggered increase in IP3R-mediated ER Ca2+ release and decrease in Ca2+ efflux, elevating [Ca2+]i. Scientific Reports, 2021, 11, 1009.	3.3	10
5	mPTP opening caused by Cdk5 loss is due to increased mitochondrial Ca2+ uptake. Oncogene, 2020, 39, 2797-2806.	5.9	33
6	ROS-Mediated Cancer Cell Killing through Dietary Phytochemicals. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-16.	4.0	131
7	HAP1 loss confers l-asparaginase resistance in ALL by downregulating the calpain-1-Bid-caspase-3/12 pathway. Blood, 2019, 133, 2222-2232.	1.4	35
8	Loss of Cdk5 in breast cancer cells promotes ROS-mediated cell death through dysregulation of the mitochondrial permeability transition pore. Oncogene, 2018, 37, 1788-1804.	5.9	58
9	Targeting Cdk5 for killing of breast cancer cells via perturbation of redox homeostasis. Oncoscience, 2018, 5, 152-154.	2.2	10
10	Neutrophil TLR4 and PKR are targets of breast cancer cell glycosaminoglycans and effectors of glycosaminoglycan-induced APRIL secretion. Oncogenesis, 2018, 7, 45.	4.9	19
11	Integration of a bacterial gene sequence into a chronic eosinophilic leukemia patient's genome as part of a fusion gene linker. Biomarker Research, 2017, 5, 20.	6.8	1
12	Enhancement of Peripheral Nerve Regrowth by the Purine Nucleoside Analog and Cell Cycle Inhibitor, Roscovitine. Frontiers in Cellular Neuroscience, 2016, 10, 238.	3.7	2
13	Novel role for non-homologous end joining in the formation of double minutes in methotrexate-resistant colon cancer cells. Journal of Medical Genetics, 2015, 52, 135-144.	3.2	56
14	Species-Specific Expression of Full-Length and Alternatively Spliced Variant Forms of CDK5RAP2. PLoS ONE, 2015, 10, e0142577.	2.5	4
15	Thrombin Enhances NGF-Mediated Neurite Extension via Increased and Sustained Activation of p44/42 MAPK and p38 MAPK. PLoS ONE, 2014, 9, e103530.	2.5	8
16	Viewpoint: Crosstalks between neurofibrillary tangles and amyloid plaque formation. Ageing Research Reviews, 2013, 12, 174-181.	10.9	35
17	Level of cdk5 expression predicts the survival of relapsed multiple myeloma patients. Cell Cycle, 2012, 11, 4093-4095.	2.6	33
18	Novel Functional MAR Elements of Double Minute Chromosomes in Human Ovarian Cells Capable of Enhancing Gene Expression. PLoS ONE, 2012, 7, e30419.	2.5	18

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19	Cdk5 mediates vimentin ser56 phosphorylation during GTP-induced secretion by neutrophils. Journal of Cellular Physiology, 2012, 227, 739-750.	4.1	19
20	Primary microcephaly 3 (MCPH3): Revisiting two critical mutations. Cell Cycle, 2011, 10, 1331-1333.	2.6	4
21	Clues for c-Yes involvement in the cell cycle and cytokinesis. Cell Cycle, 2011, 10, 1502-1503.	2.6	9
22	Novel alternatively spliced variant form of human CDK5RAP2. Cell Cycle, 2011, 10, 1010-1012.	2.6	5
23	The primary microcephaly 3 (MCPH3) interacting protein, p35 and its catalytic subunit, Cdk5, are centrosomal proteins. Cell Cycle, 2010, 9, 618-620.	2.6	16
24	Cdk5 variant 1 (cdk5-v1), but not full-length cdk5, is a centrosomal protein. Cell Cycle, 2010, 9, 2251-2253.	2.6	7
25	Cdk5 in the centriolar appendages mediates cenexin1 localization and primary cilia formation. Cell Cycle, 2010, 9, 2037-2039.	2.6	9
26	Localization of CDK5 in the midbody and increased aneuploidy in CDK5 ^{-/-} cells. Cell Cycle, 2010, 9, 3629-3630.	2.6	3
27	Reduced expression and novel splice variants of <i>ING4</i> in human gastric adenocarcinoma. Journal of Pathology, 2009, 219, 87-95.	4.5	53
28	Tyrosine hydroxylase expression and Cdk5 kinase activity in ataxic cerebellum. Molecular and Cellular Biochemistry, 2008, 318, 7-12.	3.1	2
29	ODF1 Phosphorylation by Cdk5/p35 Enhances ODF1-OIP1 Interaction. Cellular Physiology and Biochemistry, 2007, 20, 311-318.	1.6	22
30	Extraneuronal roles of cyclin-dependent kinase 5. BioEssays, 2006, 28, 1023-1034.	2.5	107
31	GTP-dependent Secretion from Neutrophils Is Regulated by Cdk5. Journal of Biological Chemistry, 2004, 279, 53932-53936.	3.4	40
32	Outer Dense Fibers Serve as a Functional Target for Cdk5-p35 in the Developing Sperm Tail. Journal of Biological Chemistry, 2004, 279, 1224-1232.	3.4	34
33	Cdk5/p35 expression in the mouse ovary. Molecules and Cells, 2004, 17, 17-22.	2.6	13
34	Ebselen inhibits NO-induced apoptosis of differentiated PC12 cells via inhibition of ASK1-p38 MAPK-p53 and JNK signaling and activation of p44/42 MAPK and Bcl-2. Journal of Neurochemistry, 2003, 87, 1345-1353.	3.9	56
35	Cyclin E in breast tumors is cleaved into its low molecular weight forms by calpain. Oncogene, 2003, 22, 769-774.	5.9	49
36	Cdk7 Functions as a Cdk5 Activating Kinase in Brain. Cellular Physiology and Biochemistry, 2003, 13, 285-296.	1.6	22

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37	Controversies over p25 in Alzheimer's disease. Journal of Alzheimer's Disease, 2002, 4, 123-126.	2.6	30
38	GTP-dependent permeabilized neutrophil secretion requires a freely diffusible cytosolic protein. Journal of Cellular Biochemistry, 2001, 80, 37-45.	2.6	10
39	Cdk5/p25nck5a interaction with synaptic proteins in bovine brain. , 2000, 78, 151-159.		55
40	Purification of Dual-Tagged Intact Recombinant Proteins. Biochemical and Biophysical Research Communications, 2000, 273, 1058-1062.	2.1	8
41	Elevated neuronal Cdc2-like kinase activity in the Alzheimer disease brain. Neuroscience Research, 1999, 34, 21-29.	1.9	154
42	Preparation and Characterization of an Endogenously Fluorescent Annexin for Detection of Apoptotic Cells. Analytical Biochemistry, 1998, 260, 18-23.	2.4	51
43	Interaction of Cyclin-dependent Kinase 5 (Cdk5) and Neuronal Cdk5 Activator in Bovine Brain. Journal of Biological Chemistry, 1996, 271, 1538-1543.	3.4	87