

Jesusa L Rosales

List of Publications by Year in descending order

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43
papers

1,325
citations

394421

19
h-index

361022

35
g-index

45
all docs

45
docs citations

45
times ranked

1819
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated neuronal Cdc2-like kinase activity in the Alzheimer disease brain. <i>Neuroscience Research</i> , 1999, 34, 21-29.	1.9	154
2	ROS-Mediated Cancer Cell Killing through Dietary Phytochemicals. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	4.0	131
3	Extraneuronal roles of cyclin-dependent kinase 5. <i>BioEssays</i> , 2006, 28, 1023-1034.	2.5	107
4	Interaction of Cyclin-dependent Kinase 5 (Cdk5) and Neuronal Cdk5 Activator in Bovine Brain. <i>Journal of Biological Chemistry</i> , 1996, 271, 1538-1543.	3.4	87
5	Loss of Cdk5 in breast cancer cells promotes ROS-mediated cell death through dysregulation of the mitochondrial permeability transition pore. <i>Oncogene</i> , 2018, 37, 1788-1804.	5.9	58
6	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. <i>Journal of Neurochemistry</i> , 2003, 87, 1345-1353.	3.9	56
7	Novel role for non-homologous end joining in the formation of double minutes in methotrexate-resistant colon cancer cells. <i>Journal of Medical Genetics</i> , 2015, 52, 135-144.	3.2	56
8	Cdk5/p25nck5a interaction with synaptic proteins in bovine brain. , 2000, 78, 151-159.		55
9	Reduced expression and novel splice variants of <i>ING4</i> in human gastric adenocarcinoma. <i>Journal of Pathology</i> , 2009, 219, 87-95.	4.5	53
10	Preparation and Characterization of an Endogenously Fluorescent Annexin for Detection of Apoptotic Cells. <i>Analytical Biochemistry</i> , 1998, 260, 18-23.	2.4	51
11	Cyclin E in breast tumors is cleaved into its low molecular weight forms by calpain. <i>Oncogene</i> , 2003, 22, 769-774.	5.9	49
12	GTP-dependent Secretion from Neutrophils Is Regulated by Cdk5. <i>Journal of Biological Chemistry</i> , 2004, 279, 53932-53936.	3.4	40
13	Viewpoint: Crosstalks between neurofibrillary tangles and amyloid plaque formation. <i>Ageing Research Reviews</i> , 2013, 12, 174-181.	10.9	35
14	HAP1 loss confers l-asparaginase resistance in ALL by downregulating the calpain-1-Bid-caspase-3/12 pathway. <i>Blood</i> , 2019, 133, 2222-2232.	1.4	35
15	Outer Dense Fibers Serve as a Functional Target for Cdk5-p35 in the Developing Sperm Tail. <i>Journal of Biological Chemistry</i> , 2004, 279, 1224-1232.	3.4	34
16	Level of cdk5 expression predicts the survival of relapsed multiple myeloma patients. <i>Cell Cycle</i> , 2012, 11, 4093-4095.	2.6	33
17	mPTP opening caused by Cdk5 loss is due to increased mitochondrial Ca ²⁺ uptake. <i>Oncogene</i> , 2020, 39, 2797-2806.	5.9	33
18	Controversies over p25 in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2002, 4, 123-126.	2.6	30

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19	Cdk7 Functions as a Cdk5 Activating Kinase in Brain. <i>Cellular Physiology and Biochemistry</i> , 2003, 13, 285-296.	1.6	22
20	ODF1 Phosphorylation by Cdk5/p35 Enhances ODF1-OIP1 Interaction. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 311-318.	1.6	22
21	Cdk5 mediates vimentin ser56 phosphorylation during GTP-induced secretion by neutrophils. <i>Journal of Cellular Physiology</i> , 2012, 227, 739-750.	4.1	19
22	Neutrophil TLR4 and PKR are targets of breast cancer cell glycosaminoglycans and effectors of glycosaminoglycan-induced APRIL secretion. <i>Oncogenesis</i> , 2018, 7, 45.	4.9	19
23	Novel Functional MAR Elements of Double Minute Chromosomes in Human Ovarian Cells Capable of Enhancing Gene Expression. <i>PLoS ONE</i> , 2012, 7, e30419.	2.5	18
24	The primary microcephaly 3 (MCPH3) interacting protein, p35 and its catalytic subunit, Cdk5, are centrosomal proteins. <i>Cell Cycle</i> , 2010, 9, 618-620.	2.6	16
25	Cdk5/p35 expression in the mouse ovary. <i>Molecules and Cells</i> , 2004, 17, 17-22.	2.6	13
26	GTP-dependent permeabilized neutrophil secretion requires a freely diffusible cytosolic protein. <i>Journal of Cellular Biochemistry</i> , 2001, 80, 37-45.	2.6	10
27	Targeting Cdk5 for killing of breast cancer cells via perturbation of redox homeostasis. <i>Oncoscience</i> , 2018, 5, 152-154.	2.2	10
28	d,l-Methadone causes leukemic cell apoptosis via an OPRM1-triggered increase in IP3R-mediated ER Ca ²⁺ release and decrease in Ca ²⁺ efflux, elevating [Ca ²⁺] _i . <i>Scientific Reports</i> , 2021, 11, 1009.	3.3	10
29	Cdk5 in the centriolar appendages mediates cenexin1 localization and primary cilia formation. <i>Cell Cycle</i> , 2010, 9, 2037-2039.	2.6	9
30	Clues for c-Yes involvement in the cell cycle and cytokinesis. <i>Cell Cycle</i> , 2011, 10, 1502-1503.	2.6	9
31	Purification of Dual-Tagged Intact Recombinant Proteins. <i>Biochemical and Biophysical Research Communications</i> , 2000, 273, 1058-1062.	2.1	8
32	Thrombin Enhances NGF-Mediated Neurite Extension via Increased and Sustained Activation of p44/42 MAPK and p38 MAPK. <i>PLoS ONE</i> , 2014, 9, e103530.	2.5	8
33	Cdk5 variant 1 (cdk5-v1), but not full-length cdk5, is a centrosomal protein. <i>Cell Cycle</i> , 2010, 9, 2251-2253.	2.6	7
34	Novel alternatively spliced variant form of human CDK5RAP2. <i>Cell Cycle</i> , 2011, 10, 1010-1012.	2.6	5
35	Centromeric chromatin integrity is compromised by loss of Cdk5rap2, a transcriptional activator of CENP-A. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111463.	5.6	5
36	Primary microcephaly 3 (MCPH3): Revisiting two critical mutations. <i>Cell Cycle</i> , 2011, 10, 1331-1333.	2.6	4

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37	Species-Specific Expression of Full-Length and Alternatively Spliced Variant Forms of CDK5RAP2. PLoS ONE, 2015, 10, e0142577.	2.5	4
38	Localization of CDK5 in the midbody and increased aneuploidy in CDK5-/-cells. Cell Cycle, 2010, 9, 3629-3630.	2.6	3
39	Tyrosine hydroxylase expression and Cdk5 kinase activity in ataxic cerebellum. Molecular and Cellular Biochemistry, 2008, 318, 7-12.	3.1	2
40	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
41	CDK5RAP2 loss-of-function causes premature cell senescence via the GSK3 β / β -catenin-WIP1 pathway. Cell Death and Disease, 2022, 13, 9.	6.3	2
42	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
43	ROS-Mediated Apoptosis in Cancer. , 2022, , 599-618.		0