Susana de la Luna

List of Publications by Year
in descending order

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53	3,899	117625	168389
papers	citations	34 h-index	53 g-index

57	57	57	4252
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DSCR1, overexpressed in Down syndrome, is an inhibitor of calcineurin-mediated signaling pathways. Human Molecular Genetics, 2000, 9, 1681-1690.	2.9	426
2	DYRK family of protein kinases: evolutionary relationships, biochemical properties, and functional roles. FASEB Journal, 2011, 25, 449-462.	0.5	272
3	Eukaryotic Translation Initiation Factor 4GI Is a Cellular Target for NS1 Protein, a Translational Activator of Influenza Virus. Molecular and Cellular Biology, 2000, 20, 6259-6268.	2.3	181
4	Renaming the DSCR1 / Adapt78 gene family as RCAN : regulators of calcineurin. FASEB Journal, 2007, 21, 3023-3028.	0.5	157
5	Influenza virus NS1 protein enhances the rate of translation initiation of viral mRNAs. Journal of Virology, 1995, 69, 2427-2433.	3.4	153
6	Efficient transformation of mammalian cells with constructs containing a puromycin-resistance marker. Gene, 1988, 62, 121-126.	2.2	151
7	DYRK1A accumulates in splicing speckles through a novel targeting signal and induces speckle disassembly. Journal of Cell Science, 2003, 116, 3099-3107.	2.0	137
8	Dyrk1A expression pattern supports specific roles of this kinase in the adult central nervous system. Brain Research, 2003, 964, 250-263.	2.2	125
9	Genome-Wide Analysis of Histidine Repeats Reveals Their Role in the Localization of Human Proteins to the Nuclear Speckles Compartment. PLoS Genetics, 2009, 5, e1000397.	3.5	118
10	The Protein Kinase DYRK1A Regulates Caspase-9-Mediated Apoptosis during Retina Development. Developmental Cell, 2008, 15, 841-853.	7.0	108
11	Structural Determinants of KvLQT1 Control by the KCNE Family of Proteins. Journal of Biological Chemistry, 2001, 276, 6439-6444.	3.4	103
12	Chromatin-wide Profiling of DYRK1A Reveals a Role as a Gene-Specific RNA Polymerase II CTD Kinase. Molecular Cell, 2015, 57, 506-520.	9.7	103
13	Phosphorylation of calcipressin 1 increases its ability to inhibit calcineurin and decreases calcipressin half-life. Biochemical Journal, 2003, 374, 567-575.	3.7	94
14	Individual expression of influenza virus PA protein induces degradation of coexpressed proteins. Journal of Virology, 1995, 69, 2420-2426.	3.4	91
15	Intersectin 2, a new multimodular protein involved in clathrin-mediated endocytosis. FEBS Letters, 2000, 478, 43-51.	2.8	83
16	A new aspartyl protease on 21q22.3, BACE2, is highly similar to Alzheimerâ€™s amyloid precursor protein Î²-secretase. Cytogenetic and Genome Research, 2000, 89, 177-184.	1.1	81
17	Monoclonal antibodies against influenza virus PB2 and NP polypeptides interfere with the initiation step of viral mRNA synthesis in vitro. Journal of Virology, 1994, 68, 6900-6909.	3.4	77
18	Integration of a growth-suppressing BTB/POZ domain protein with the DP component of the E2F transcription factor. EMBO Journal, 1999, 18, 212-228.	7.8	76

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19	Alu-splice cloning of human Intersectin (ITSN), a putative multivalent binding protein expressed in proliferating and differentiating neurons and overexpressed in Down syndrome. European Journal of Human Genetics, 1999, 7, 704-712.	2.8	74
20	DYRK1A Autophosphorylation on Serine Residue 520 Modulates Its Kinase Activity via 14-3-3 Binding. Molecular Biology of the Cell, 2007, 18, 1167-1178.	2.1	73
21	Regulated Segregation of Kinase Dyrk1A during Asymmetric Neural Stem Cell Division Is Critical for EGFR-Mediated Biased Signaling. Cell Stem Cell, 2010, 7, 367-379.	11.1	71
22	Molecular cloning and sequencing of influenza virus A/Victoria/3/75 polymerase genes: sequence evolution and prediction of possible functional domains. Virus Research, 1989, 13, 143-155.	2.2	67
23	TFIIIC Binding to Alu Elements Controls Gene Expression via Chromatin Looping and Histone Acetylation. Molecular Cell, 2020, 77, 475-487.e11.	9.7	65
24	Nuclear transport of influenza virus polymerase PA protein. Virus Research, 1992, 24, 65-75.	2.2	62
25	Sprouty2-Mediated Inhibition of Fibroblast Growth Factor Signaling Is Modulated by the Protein Kinase DYRK1A. Molecular and Cellular Biology, 2008, 28, 5899-5911.	2.3	62
26	[33] pac Gene as efficient dominant marker and reporter gene in mammalian cells. Methods in Enzymology, 1992, 216, 376-385.	1.0	57
27	The molecular basis of glutamate formiminotransferase deficiency. Human Mutation, 2003, 22, 67-73.	2.5	57
28	The human intersectin genes and their spliced variants are differentially expressed. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2001, 1521, 1-11.	2.4	56
29	The DYRK Family of Kinases in Cancer: Molecular Functions and Therapeutic Opportunities. Cancers, 2020, 12, 2106.	3.7	55
30	Identification of PatL1, a human homolog to yeast P body component Pat1. Biochimica Et Biophysica Acta - Molecular Cell Research, 2007, 1773, 1786-1792.	4.1	54
31	DYRK1A modulates c-MET in pancreatic ductal adenocarcinoma to drive tumour growth. Gut, 2019, 68, 1465-1476.	12.1	52
32	Cold shock induces the insertion of a cryptic exon in the neurofibromatosis type 1 (NF1) mRNA. Nucleic Acids Research, 2000, 28, 1307-1312.	14.5	48
33	The RCAN carboxyl end mediates calcineurin docking-dependent inhibition via a site that dictates binding to substrates and regulators. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6117-6122.	7.1	45
34	Splice Variants of the Dual Specificity Tyrosine Phosphorylation-regulated Kinase 4 (DYRK4) Differ in Their Subcellular Localization and Catalytic Activity*. Journal of Biological Chemistry, 2011, 286, 5494-5505.	3.4	41
35	DYRK1A-mediated phosphorylation of GluN2A at Ser1048 regulates the surface expression and channel activity of GluN1/GluN2A receptors. Frontiers in Cellular Neuroscience, 2014, 8, 331.	3.7	39
36	Impaired development of neocortical circuits contributes to the neurological alterations in DYRK1A haploinsufficiency syndrome. Neurobiology of Disease, 2019, 127, 210-222.	4.4	35

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37	DYRK1A Kinase Positively Regulates Angiogenic Responses in Endothelial Cells. Cell Reports, 2018, 23, 1867-1878.	6.4	34
38	A comprehensive proteomics-based interaction screen that links DYRK1A to RNF169 and to the DNA damage response. Scientific Reports, 2019, 9, 6014.	3.3	34
39	Differential expression of members of the RCAN family of calcineurin regulators suggests selective functions for these proteins in the brain. European Journal of Neuroscience, 2007, 26, 1213-1226.	2.6	33
40	Cloning and characterization of human FTCD on 21q22.3, a candidate gene for glutamate formiminotransferase deficiency. Cytogenetic and Genome Research, 2000, 88, 43-49.	1.1	32
41	Resistance to foot-and-mouth disease virus mediated by trans-acting cellular products. Journal of Virology, 1989, 63, 2385-2387.	3.4	30
42	Intersectin 1 forms a complex with adaptor protein Ruk/CIN85 in vivo independently of epidermal growth factor stimulation. Cellular Signalling, 2009, 21, 753-759.	3.6	27
43	Epitope mapping of cross-reactive monoclonal antibodies specific for the influenza A virus PA and PB2 polypeptides. Virus Research, 1995, 37, 305-315.	2.2	25
44	Key Role of Amino Acid Repeat Expansions in the Functional Diversification of Duplicated Transcription Factors. Molecular Biology and Evolution, 2015, 32, 2263-2272.	8.9	24
45	Characterization of a mouse model overexpressing betaâ€site APPâ€cleaving enzyme 2 reveals a new role for BACE2. Genes, Brain and Behavior, 2010, 9, 160-172.	2.2	23
46	Eukaryotic Translation Initiation Factor 4GI Is a Cellular Target for NS1 Protein, a Translational Activator of Influenza Virus. Molecular and Cellular Biology, 2000, 20, 6259-6268.	2.3	19
47	Cooperation to amplify gene-dosage-imbalance effects. Trends in Molecular Medicine, 2006, 12, 451-454.	6.7	17
48	A novel CDC25A/DYRK2 regulatory switch modulates cell cycle and survival. Cell Death and Differentiation, 2022, 29, 105-117.	11.2	16
49	Regulation of gene amplification and expression in cells that constitutively express a temperature sensitive SV40 T-antigen. Nucleic Acids Research, 1985, 13, 7913-7927.	14.5	11
50	[21] Systems to express recombinant RNA molecules by the influenza A virus polymerase in vivo. Methods in Molecular Genetics, 1995, 7, 329-342.	0.6	9
51	Permanent cell tines established fromts-COS cells that regulate by temperature the amplification and expression of cloned genes. Nucleic Acids Research, 1987, 15, 6117-6129.	14.5	8
52	An RNA Polymerase III General Transcription Factor Engages in Cell Type-Specific Chromatin Looping. International Journal of Molecular Sciences, 2022, 23, 2260.	4.1	4
53	pac Gene as Efficient Dominant Marker and Reporter Gene in Mammalian Cells. , 1995, , 129-138.		0