Mercedes Dosil

List of Publications by Year
in descending order

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26	894	567281 15	580821 25
papers	citations	h-index	g-index

26	26	26	1033
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The 90S Preribosome Is a Multimodular Structure That Is Assembled through a Hierarchical Mechanism. Molecular and Cellular Biology, 2007, 27, 5414-5429.	2.3	155
2	Structural Determinants for the Biological Activity of Vav Proteins. Journal of Biological Chemistry, 2002, 277, 45377-45392.	3.4	112
3	Functional Characterization of Pwp2, a WD Family Protein Essential for the Assembly of the 90 S Pre-ribosomal Particle. Journal of Biological Chemistry, 2004, 279, 37385-37397.	3.4	76
4	The C Terminus of the Saccharomyces cerevisiae Î±-Factor Receptor Contributes to the Formation of Preactivation Complexes with Its Cognate G Protein. Molecular and Cellular Biology, 2000, 20, 5321-5329.	2.3	65
5	Control of lymphocyte shape and the chemotactic response by the GTP exchange factor Vav. Blood, 2005, 105, 3026-3034.	1.4	65
6	How Vav proteins discriminate the GTPases Rac1 and RhoA from Cdc42. Oncogene, 2001, 20, 8057-8065.	5.9	64
7	Dominant-Negative Mutations in the G-Protein-Coupled Î±-Factor Receptor Map to the Extracellular Ends of the Transmembrane Segments. Molecular and Cellular Biology, 1998, 18, 5981-5991.	2.3	59
8	Ribosome biogenesis and cancer: basic and translational challenges. Current Opinion in Genetics and Development, 2018, 48, 22-29.	3.3	57
9	Elucidation of the assembly events required for the recruitment of Utp20, Imp4 and Bms1 onto nascent pre-ribosomes. Nucleic Acids Research, 2011, 39, 8105-8121.	14.5	46
10	Contribution of the R-Ras2 GTP-binding protein to primary breast tumorigenesis and late-stage metastatic disease. Nature Communications, 2014, 5, 3881.	12.8	28
11	Differentiation-Linked Expression of Prothymosin Î± Gene in Human Myeloid Leukemic Cells. Experimental Cell Research, 1993, 204, 94-101.	2.6	25
12	Tissue-specific and differential expression of prothymosin Î± gene during rat development. FEBS Letters, 1990, 269, 373-376.	2.8	22
13	Identification of distinct maturation steps involved in human 40S ribosomal subunit biosynthesis. Nature Communications, 2020, 11, 156.	12.8	19
14	Rrp12 and the Exportin Crm1 Participate in Late Assembly Events in the Nucleolus during 40S Ribosomal Subunit Biogenesis. PLoS Genetics, 2014, 10, e1004836.	3.5	17
15	Functional Assays for Mammalian G-Protein-Coupled Receptors in Yeast. Methods in Enzymology, 2002, 344, 92-111.	1.0	16
16	Vav proteins maintain epithelial traits in breast cancer cells using miR-200c-dependent and independent mechanisms. Oncogene, 2019, 38, 209-227.	5.9	11
17	Ribosome Synthesis-Unrelated Functions of the Preribosomal Factor Rrp12 in Cell Cycle Progression and the DNA Damage Response. Molecular and Cellular Biology, 2011, 31, 2422-2438.	2.3	10
18	Vav2 pharmaco-mimetic mice reveal the therapeutic value and caveats of the catalytic inactivation of a Rho exchange factor. Oncogene, 2020, 39, 5098-5111.	5.9	10

#	Article	IF	Citations
19	Pol5 is an essential ribosome biogenesis factor required for 60S ribosomal subunit maturation in Saccharomyces cerevisiae. Rna, 2019, 25, 1561-1575.	3.5	9
20	New Functions of Vav Family Proteins in Cardiovascular Biology, Skeletal Muscle, and the Nervous System. Biology, 2021, 10, 857.	2.8	7
21	A hotspot mutation targeting the R-RAS2 GTPase acts as a potent oncogenic driver in a wide spectrum of tumors. Cell Reports, 2022, 38, 110522.	6.4	7
22	Efficient fractionation and analysis of ribosome assembly intermediates in human cells. RNA Biology, 2021, 18, 182-197.	3.1	5
23	Strategies for Isolating Constitutively Active and Dominant-Negative Pheromone Receptor Mutants in Yeast. Methods in Enzymology, 2010, 485, 329-348.	1.0	3
24	The Rho guanosine nucleotide exchange factors Vav2 and Vav3 modulate epidermal stem cell function. Oncogene, 2022, 41, 3341-3354.	5.9	3
25	The levels of cytochrome c oxidase subunit II mRNA change during the rat T-cell development. Biochimica Et Biophysica Acta - Bioenergetics, 1989, 977, 341-343.	1.0	2
26	Focal accumulation of preribosomes outside the nucleolus during metaphaseâ€“anaphase in budding yeast. Rna, 2017, 23, 1432-1443.	3.5	1