Vanesa Olivares-Illana

List of Publications by Year
in descending order

35 papers	1,084 citations	430874 18 h-index	454955 30 g-index
36 all docs	36 docs citations	36 times ranked	1494 citing authors

#	Article	IF	Citations
1	The p53 mRNA-Mdm2 Interaction Controls Mdm2 Nuclear Trafficking and Is Required for p53 Activation following DNA Damage. Cancer Cell, 2012, 21, 25-35.	16.8	132
2	Structural Basis for the Regulation Mechanism of the Tyrosine Kinase CapB from Staphylococcus aureus. PLoS Biology, 2008, 6, e143.	5.6	89
3	Molecular Characterization of Inulosucrase from Leuconostoc citreum : a Fructosyltransferase within a Glucosyltransferase. Journal of Bacteriology, 2003, 185, 3606-3612.	2.2	82
4	MDM2â€™s social network. Oncogene, 2014, 33, 4365-4376.	5.9	79
5	Characterization of a cell-associated inulosucrase from a novel source: A Leuconostoc citreum strain isolated from Pozol, a fermented corn beverage of Mayan origin. Journal of Industrial Microbiology and Biotechnology, 2002, 28, 112-117.	3.0	65
6	Inactivation of Triosephosphate Isomerase from Trypanosoma cruzi by an Agent that Perturbs its Dimer Interface. Journal of Molecular Biology, 2004, 341, 1355-1365.	4.2	65
7	Structural Differences in Triosephosphate Isomerase from Different Species and Discovery of a Multitrypanosomatid Inhibitor. Biochemistry, 2006, 45, 2556-2560.	2.5	58
8	The p53 mRNA: an integral part of the cellular stress response. Nucleic Acids Research, 2019, 47, 3257-3271.	14.5	57
9	p53 isoforms gain functions. Oncogene, 2010, 29, 5113-5119.	5.9	49
10	Biochemical properties of inulosucrase fromLeuconostoc citreumCW28 used for inulin synthesis. Biocatalysis and Biotransformation, 2004, 22, 275-281.	2.0	45
11	Perturbation of the Dimer Interface of Triosephosphate Isomerase and its Effect on Trypanosoma cruzi. PLoS Neglected Tropical Diseases, 2007, 1, e1.	3.0	44
12	HDMX Folds the Nascent p53 mRNA following Activation by the ATM Kinase. Molecular Cell, 2014, 54, 500-511.	9.7	44
13	A single synonymous mutation determines the phosphorylation and stability of the nascent protein. Journal of Molecular Cell Biology, 2019, 11, 187-199.	3.3	34
14	Dual function of MDM2 and MDMX toward the tumor suppressors p53 and RB. Genes and Cancer, 2016, 7, 278-287.	1.9	33
15	Whisper mutations: cryptic messages within the genetic code. Oncogene, 2016, 35, 3753-3759.	5.9	27
16	A guide to the effects of a large portion of the residues of triosephosphate isomerase on catalysis, stability, druggability, and human disease. Proteins: Structure, Function and Bioinformatics, 2017, 85, 1190-1211.	2.6	27
17	Structure Analysis of the Staphylococcus aureus UDP-N-acetyl-mannosamine Dehydrogenase Cap5O Involved in Capsular Polysaccharide Biosynthesis. Journal of Biological Chemistry, 2011, 286, 17112-17121.	3.4	23
18	Allosteric Interactions by p53 mRNA Govern HDM2 E3 Ubiquitin Ligase Specificity under Different Conditions. Molecular and Cellular Biology, 2016, 36, 2195-2205.	2.3	20

#	Article	IF	Citations
19	p53 binds the mdmx mRNA and controls its translation. Oncogene, 2017, 36, 723-730.	5.9	19
20	p53 promotes its own polyubiquitination by enhancing the HDM2 and HDMX interaction. Protein Science, 2018, 27, 976-986.	7.6	17
21	Retinoblastoma: from discovery to clinical management. FEBS Journal, 2022, 289, 4371-4382.	4.7	13
22	Characterization of wildâ€type and mutant p53 protein by Raman spectroscopy and multivariate methods. Journal of Raman Spectroscopy, 2019, 50, 1388-1394.	2.5	11
23	Comparative Analysis of the Tyr-Kinases CapB1 and CapB2 Fused to Their Cognate Modulators CapA1 and CapA2 from Staphylococcus aureus. PLoS ONE, 2013, 8, e75958.	2.5	10
24	MDM2 regulates RB levels during genotoxic stress. EMBO Reports, 2021, 22, e50615.	4.5	10
25	The alternative translated MDMXp60 isoform regulates MDM2 activity. Cell Cycle, 2015, 14, 449-458.	2.6	8
26	Analysis of the p53 pathway in peripheral blood of retinoblastoma patients; potential biomarkers. PLoS ONE, 2020, 15, e0234337.	2.5	6
27	Molecular and Biochemical Techniques for Deciphering p53-MDM2 Regulatory Mechanisms. Biomolecules, 2021, 11, 36.	4.0	6
28	Expression and purification of the recombinant full-length retinoblastoma protein and characterisation of its interaction with the oncoprotein HDM2. Protein Expression and Purification, 2019, 162, 62-66.	1.3	3
29	Allosteric changes in HDM2 by the ATM phosphomimetic S395D mutation: implications on HDM2 function. Biochemical Journal, 2019, 476, 3401-3411.	3.7	3
30	Human prostate epithelial cells and prostate-derived stem cells malignantly transformed in vitro with sodium arsenite show impaired Toll like receptor -3 (TLR3)-associated anti-tumor pathway. Toxicology Letters, 2021, 350, 185-193.	0.8	2
31	Cryptic in vitro ubiquitin ligase activity of HDMX towards p53 is likely regulated by an induced fit mechanism. Bioscience Reports, 0, , .	2.4	1
32	Analysis of the p53 pathway in peripheral blood of retinoblastoma patients; potential biomarkers. , 2020, 15, e0234337.		0
33	Analysis of the p53 pathway in peripheral blood of retinoblastoma patients; potential biomarkers. , 2020, 15, e0234337.		0
34	Analysis of the p53 pathway in peripheral blood of retinoblastoma patients; potential biomarkers. , 2020, 15, e0234337.		0
35	Analysis of the p53 pathway in peripheral blood of retinoblastoma patients; potential biomarkers. , 2020, 15, e0234337.		0