Sonia Castillo-LLuva

List of Publications by Year
in descending order

23 papers	913 citations	567281 15 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	2032 citing authors

#	Article	IF	Citations
1	Pathophysiological Integration of Metabolic Reprogramming in Breast Cancer. Cancers, 2022, 14, 322.	3.7	9
2	PANDEMIC: THE PHANTOM MENACE: LEARNING GENETIC ENGINEERING BY A GAME-BASED METHODOLOGY. , 2021, , .		0
3	Inhibition of RAC1 activity in cancer associated fibroblasts favours breast tumour development through IL-1Î² upregulation. Cancer Letters, 2021, 521, 14-28.	7.2	5
4	The Pseudokinase TRIB3 Negatively Regulates the HER2 Receptor Pathway and Is a Biomarker of Good Prognosis in Luminal Breast Cancer. Cancers, 2021, 13, 5307.	3.7	7
5	Stromal SNAI2 Is Required for ERBB2 Breast Cancer Progression. Cancer Research, 2020, 80, 5216-5230.	0.9	17
6	Synthesis and Evaluation of Ginkgolic Acid Derivatives as SUMOylation Inhibitors. ACS Medicinal Chemistry Letters, 2020, 11, 2221-2226.	2.8	12
7	Inhibiting SUMO1-mediated SUMOylation induces autophagy-mediated cancer cell death and reduces tumour cell invasion via RAC1. Journal of Cell Science, 2019, 132, .	2.0	29
8	Lung Surfactant Lipids Provide Immune Protection Against Haemophilus influenzae Respiratory Infection. Frontiers in Immunology, 2019, 10, 458.	4.8	18
9	The biological age linked to oxidative stress modifies breast cancer aggressiveness. Free Radical Biology and Medicine, 2018, 120, 133-146.	2.9	17
10	Supplementary data for the biological age linked to oxidative stress modifies breast cancer aggressiveness. Data in Brief, 2018, 18, 1172-1184.	1.0	2
11	Missing heritability of complex diseases: Enlightenment by genetic variants from intermediate phenotypes. BioEssays, 2016, 38, 664-673.	2.5	52
12	Activation of the orphan receptor GPR55 by lysophosphatidylinositol promotes metastasis in triple-negative breast cancer. Oncotarget, 2016, 7, 47565-47575.	1.8	40
13	Unraveling heterogeneous susceptibility and the evolution of breast cancer using a systems biology approach. Genome Biology, 2015, 16, 40.	8.8	23
14	Hace1 controls ROS generation of vertebrate Rac1-dependent NADPH oxidase complexes. Nature Communications, 2013, 4, 2180.	12.8	94
15	The diverse roles of Rac signaling in tumorigenesis. Cell Cycle, 2011, 10, 1571-1581.	2.6	133
16	SUMOylation of the GTPase Rac1 is required for optimal cell migration. Nature Cell Biology, 2010, 12, 1078-1085.	10.3	149
17	Connections between polar growth and cell cycle arrest during the induction of the virulence program in the phytopathogenic fungusUstilago maydis. Plant Signaling and Behavior, 2008, 3, 480-481.	2.4	15
18	Sustained cell polarity and virulence in the phytopathogenic fungus Ustilago maydis depends on an essential cyclin-dependent kinase from the Cdk5/Pho85 family. Journal of Cell Science, 2007, 120, 1584-1595.	2.0	79

#	Article	IF	Citations
19	Polar Growth in the Infectious Hyphae of the PhytopathogenUstilago maydisDepends on a Virulence-Specific Cyclin. Plant Cell, 2007, 19, 3280-3296.	6.6	36
20	Pathocycles: Ustilago maydis as a model to study the relationships between cell cycle and virulence in pathogenic fungi. Molecular Genetics and Genomics, 2006, 276, 211-229.	2.1	53
21	The Induction of the Mating Program in the Phytopathogen Ustilago maydis Is Controlled by a G1 Cyclin[W]. Plant Cell, 2005, 17, 3544-3560.	6.6	26
22	The induction of sexual development and virulence in the smut fungus Ustilago maydis depends on Crk1, a novel MAPK protein. Genes and Development, 2004, 18, 3117-3130.	5.9	76
23	A member of the Fizzy-related family of APC activators is regulated by cAMP and is required at different stages of plant infection by Ustilago maydis. Journal of Cell Science, 2004, 117, 4143-4156.	2.0	20