

# Sonia Castillo-LLuva

## List of Publications by Year in descending order

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Version: 2024-02-01

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	SUMOylation of the GTPase Rac1 is required for optimal cell migration. <i>Nature Cell Biology</i> , 2010, 12, 1078-1085.	10.3	149
2	The diverse roles of Rac signaling in tumorigenesis. <i>Cell Cycle</i> , 2011, 10, 1571-1581.	2.6	133
3	Hace1 controls ROS generation of vertebrate Rac1-dependent NADPH oxidase complexes. <i>Nature Communications</i> , 2013, 4, 2180.	12.8	94
4	Sustained cell polarity and virulence in the phytopathogenic fungus <i>Ustilago maydis</i> depends on an essential cyclin-dependent kinase from the Cdk5/Pho85 family. <i>Journal of Cell Science</i> , 2007, 120, 1584-1595.	2.0	79
5	The induction of sexual development and virulence in the smut fungus <i>Ustilago maydis</i> depends on Crk1, a novel MAPK protein. <i>Genes and Development</i> , 2004, 18, 3117-3130.	5.9	76
6	Pathocycles: <i>Ustilago maydis</i> as a model to study the relationships between cell cycle and virulence in pathogenic fungi. <i>Molecular Genetics and Genomics</i> , 2006, 276, 211-229.	2.1	53
7	Missing heritability of complex diseases: Enlightenment by genetic variants from intermediate phenotypes. <i>BioEssays</i> , 2016, 38, 664-673.	2.5	52
8	Activation of the orphan receptor GPR55 by lysophosphatidylinositol promotes metastasis in triple-negative breast cancer. <i>Oncotarget</i> , 2016, 7, 47565-47575.	1.8	40
9	Polar Growth in the Infectious Hyphae of the Phytopathogen <i>Ustilago maydis</i> Depends on a Virulence-Specific Cyclin. <i>Plant Cell</i> , 2007, 19, 3280-3296.	6.6	36
10	Inhibiting SUMO1-mediated SUMOylation induces autophagy-mediated cancer cell death and reduces tumour cell invasion via RAC1. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	29
11	The Induction of the Mating Program in the Phytopathogen <i>Ustilago maydis</i> Is Controlled by a G1 Cyclin[W]. <i>Plant Cell</i> , 2005, 17, 3544-3560.	6.6	26
12	Unraveling heterogeneous susceptibility and the evolution of breast cancer using a systems biology approach. <i>Genome Biology</i> , 2015, 16, 40.	8.8	23
13	A member of the Fizzy-related family of APC activators is regulated by cAMP and is required at different stages of plant infection by <i>Ustilago maydis</i> . <i>Journal of Cell Science</i> , 2004, 117, 4143-4156.	2.0	20
14	Lung Surfactant Lipids Provide Immune Protection Against <i>Haemophilus influenzae</i> Respiratory Infection. <i>Frontiers in Immunology</i> , 2019, 10, 458.	4.8	18
15	The biological age linked to oxidative stress modifies breast cancer aggressiveness. <i>Free Radical Biology and Medicine</i> , 2018, 120, 133-146.	2.9	17
16	Stromal SNAI2 Is Required for ERBB2 Breast Cancer Progression. <i>Cancer Research</i> , 2020, 80, 5216-5230.	0.9	17
17	Connections between polar growth and cell cycle arrest during the induction of the virulence program in the phytopathogenic fungus <i>Ustilago maydis</i> . <i>Plant Signaling and Behavior</i> , 2008, 3, 480-481.	2.4	15
18	Synthesis and Evaluation of Ginkgolic Acid Derivatives as SUMOylation Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 2221-2226.	2.8	12

#	ARTICLE	IF	CITATIONS
19	Pathophysiological Integration of Metabolic Reprogramming in Breast Cancer. <i>Cancers</i> , 2022, 14, 322.	3.7	9
20	The Pseudokinase TRIB3 Negatively Regulates the HER2 Receptor Pathway and Is a Biomarker of Good Prognosis in Luminal Breast Cancer. <i>Cancers</i> , 2021, 13, 5307.	3.7	7
21	Inhibition of RAC1 activity in cancer associated fibroblasts favours breast tumour development through IL-1 $\beta$ upregulation. <i>Cancer Letters</i> , 2021, 521, 14-28.	7.2	5
22	Supplementary data for the biological age linked to oxidative stress modifies breast cancer aggressiveness. <i>Data in Brief</i> , 2018, 18, 1172-1184.	1.0	2
23	PANDEMIC: THE PHANTOM MENACE: LEARNING GENETIC ENGINEERING BY A GAME-BASED METHODOLOGY. , 2021, , .		0