

Juan Carlos Fierro-González

List of Publications by Year in descending order

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15
papers

910
citations

840119

11
h-index

1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	Redox-dependent and redox-independent functions of <i>Caenorhabditis elegans</i> thioredoxin 1. <i>Redox Biology</i> , 2019, 24, 101178.	3.9	9
2	Defining the human copper proteome and analysis of its expression variation in cancers. <i>Metallomics</i> , 2017, 9, 112-123.	1.0	168
3	Copper chaperone ATOX1 regulates pluripotency factor OCT4 in preimplantation mouse embryos. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 147-153.	1.0	6
4	TRX-1 Regulates SKN-1 Nuclear Localization Cell Non-autonomously in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2016, 203, 387-402.	1.2	18
5	<i>Cis</i> - and <i>Trans</i> -Regulatory Mechanisms of Gene Expression in the ASJ Sensory Neuron of <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2015, 200, 123-134.	1.2	14
6	Cortical Tension Allocates the First Inner Cells of the Mammalian Embryo. <i>Developmental Cell</i> , 2015, 34, 435-447.	3.1	154
7	Functional characterization of thioredoxin 3 (TRX-3), a <i>Caenorhabditis elegans</i> intestine-specific thioredoxin. <i>Free Radical Biology and Medicine</i> , 2014, 68, 205-219.	1.3	19
8	Cadherin-dependent filopodia control preimplantation embryo compaction. <i>Nature Cell Biology</i> , 2013, 15, 1424-1433.	4.6	200
9	Probing transcription factor diffusion dynamics in the living mammalian embryo with photoactivatable fluorescence correlation spectroscopy. <i>Nature Communications</i> , 2013, 4, 1637.	5.8	74
10	The Characterization of the <i>Caenorhabditis elegans</i> Mitochondrial Thioredoxin System Uncovers an Unexpected Protective Role of Thioredoxin Reductase 2 in β -Amyloid Peptide Toxicity. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 1384-1400.	2.5	46
11	The thioredoxin TRX-1 regulates adult lifespan extension induced by dietary restriction in <i>Caenorhabditis elegans</i> . <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 478-482.	1.0	36
12	The Thioredoxin TRX-1 Modulates the Function of the Insulin-Like Neuropeptide DAF-28 during Dauer Formation in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2011, 6, e16561.	1.1	18
13	Selenoprotein TRXR-1 and GSR-1 are essential for removal of old cuticle during molting in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1064-1069.	3.3	69
14	Lifespan decrease in a <i>Caenorhabditis elegans</i> mutant lacking TRX-1, a thioredoxin expressed in ASJ sensory neurons. <i>FEBS Letters</i> , 2006, 580, 484-490.	1.3	78
15	Methods for Spatio-Temporal Analysis of Embryo Cleavage In Vitro. , 0, , .		1