

Juan Carlos Fierro-González

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Cadherin-dependent filopodia control preimplantation embryo compaction. <i>Nature Cell Biology</i> , 2013, 15, 1424-1433. | 4.6 | 200 |
| 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 | Cortical Tension Allocates the First Inner Cells of the Mammalian Embryo. <i>Developmental Cell</i> , 2015, 34, 435-447. | 3.1 | 154 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | <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 |
| 13 | Redox-dependent and redox-independent functions of <i>Caenorhabditis elegans</i> thioredoxin 1. <i>Redox Biology</i> , 2019, 24, 101178. | 3.9 | 9 |
| 14 | 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 |
| 15 | Methods for Spatio-Temporal Analysis of Embryo Cleavage In Vitro. , 0, , . | | 1 |