

# Javier E Irazoqui

## List of Publications by Citations

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|-------------------|-------------------------|-----------------|-----------------|
| 34<br>papers      | 6,640<br>citations      | 19<br>h-index   | 37<br>g-index   |
| 37<br>ext. papers | 7,781<br>ext. citations | 12.8<br>avg, IF | 4.94<br>L-index |

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 34 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222   | 10.2 | 3838      |
| 33 | TFEB controls cellular lipid metabolism through a starvation-induced autoregulatory loop. <i>Nature Cell Biology</i> , <b>2013</b> , 15, 647-58  | 23.4 | 599       |
| 32 | The TFEB orthologue HLH-30 regulates autophagy and modulates longevity in <i>Caenorhabditis elegans</i> . <i>Nature Communications</i> , <b>2013</b> , 4, 2267   | 17.4 | 292       |
| 31 | Evolution of host innate defence: insights from <i>Caenorhabditis elegans</i> and primitive invertebrates. <i>Nature Reviews Immunology</i> , <b>2010</b> , 10, 47-58  | 36.5 | 291       |
| 30 | Scaffold-mediated symmetry breaking by Cdc42p. <i>Nature Cell Biology</i> , <b>2003</b> , 5, 1062-70   | 23.4 | 220       |
| 29 | Distinct pathogenesis and host responses during infection of <i>C. elegans</i> by <i>P. aeruginosa</i> and <i>S. aureus</i> . <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000982  | 7.6  | 212       |
| 28 | Innate host defense requires TFEB-mediated transcription of cytoprotective and antimicrobial genes. <i>Immunity</i> , <b>2014</b> , 40, 896-909  | 32.3 | 186       |
| 27 | Methicillin resistance in <i>Staphylococcus aureus</i> requires glycosylated wall teichoic acids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 18909-14   | 11.5 | 178       |
| 26 | Assembly of scaffold-mediated complexes containing Cdc42p, the exchange factor Cdc24p, and the effector Cla4p required for cell cycle-regulated phosphorylation of Cdc24p. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 7176-86                 | 5.4  | 155       |
| 25 | An image analysis toolbox for high-throughput <i>C. elegans</i> assays. <i>Nature Methods</i> , <b>2012</b> , 9, 714-6   | 21.6 | 112       |
| 24 | The role of actin in spindle orientation changes during the <i>Saccharomyces cerevisiae</i> cell cycle. <i>Journal of Cell Biology</i> , <b>1999</b> , 146, 1019-32  | 7.3  | 82        |
| 23 | Role for beta-catenin and HOX transcription factors in <i>Caenorhabditis elegans</i> and mammalian host epithelial-pathogen interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 17469-74 | 11.5 | 77        |
| 22 | Opposing roles for actin in Cdc42p polarization. <i>Molecular Biology of the Cell</i> , <b>2005</b> , 16, 1296-304   | 3.5  | 66        |
| 21 | Polarity establishment in yeast. <i>Journal of Cell Science</i> , <b>2004</b> , 117, 2169-71   | 5.3  | 54        |
| 20 | Intestinal Epithelial Wnt Signaling Mediates Acetylcholine-Triggered Host Defense against Infection. <i>Immunity</i> , <b>2018</b> , 48, 963-978.e3  | 32.3 | 40        |
| 19 | An Evolutionarily Conserved PLC-PKD-TFEB Pathway for Host Defense. <i>Cell Reports</i> , <b>2016</b> , 15, 1728-42   | 10.6 | 37        |
| 18 | EGL-9 controls <i>C. elegans</i> host defense specificity through prolyl hydroxylation-dependent and -independent HIF-1 pathways. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002798  | 7.6  | 23        |

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|----|--|------|----|
| 17 | FNDC5 relates to skeletal muscle IGF-I and mitochondrial function and gene expression in obese men with reduced growth hormone. <i>Growth Hormone and IGF Research</i> , <b>2016</b> , 26, 36-41   | 2    | 19 |
| 16 | 99th Dahlem conference on infection, inflammation and chronic inflammatory disorders: <i>Caenorhabditis elegans</i> as a model to study tissues involved in host immunity and microbial pathogenesis. <i>Clinical and Experimental Immunology</i> , <b>2010</b> , 160, 48-57 | 6.2  | 19 |
| 15 | Key Roles of MiT Transcription Factors in Innate Immunity and Inflammation. <i>Trends in Immunology</i> , <b>2020</b> , 41, 157-171  | 14.4 | 17 |
| 14 | Nervous system control of intestinal host defense in <i>C. elegans</i> . <i>Current Opinion in Neurobiology</i> , <b>2020</b> , 62, 1-9  | 7.6  | 14 |
| 13 | Transcription factor TFEB cell-autonomously modulates susceptibility to intestinal epithelial cell injury in vivo. <i>Scientific Reports</i> , <b>2017</b> , 7, 13938  | 4.9  | 13 |
| 12 | Cdc42p, GTP hydrolysis, and the cell's sense of direction. <i>Cell Cycle</i> , <b>2004</b> , 3, 861-4  | 4.7  | 10 |
| 11 | Cdc42p, GTP Hydrolysis and the Cell's Sense of Direction. <i>Cell Cycle</i> , <b>2004</b> , 3, 859-862   | 4.7  | 9  |
| 10 | Relationship between serum IGF-1 and skeletal muscle IGF-1 mRNA expression to phosphocreatine recovery after exercise in obese men with reduced GH. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, 617-25                                      | 5.6  | 7  |
| 9  | NHR-49/PPAR-1 and HLH-30/TFEB cooperate for host defense via a flavin-containing monooxygenase. <i>ELife</i> , <b>2021</b> , 10,   | 8.9  | 7  |
| 8  | A NOVEL NOX/PHOX-CD38-NAADP-TFEB AXIS IMPORTANT FOR MACROPHAGE ACTIVATION DURING BACTERIAL PHAGOCYTOSIS. <i>Autophagy</i> , <b>2021</b> , 1-18   | 10.2 | 3  |
| 7  | A unifying hypothesis on the central role of reactive oxygen species in bacterial pathogenesis and host defense in <i>C. elegans</i> . <i>Current Opinion in Immunology</i> , <b>2021</b> , 68, 9-20   | 7.8  | 3  |
| 6  | A Novel PHOX/CD38/MCOLN1/TFEB Axis Important For Macrophage Activation During Bacterial Phagocytosis 2   |      |    |
| 5  | A Nutrition-Longevity Tradeoff Enforced by Innate Immunity. <i>Molecular Cell</i> , <b>2019</b> , 74, 864-865  | 17.6 | 1  |
| 4  | Transparent worms help survey the fortress of innate immunity. <i>Virulence</i> , <b>2011</b> , 2, 83-5  | 4.7  | 1  |
| 3  | NHR-49/PPAR-1 and HLH-30/TFEB promote <i>C. elegans</i> host defense via a flavin-containing monooxygenase   |      | 1  |
| 2  | DAF-tly depart stinky situations with elegans. <i>Cell Host and Microbe</i> , <b>2014</b> , 16, 553-5  | 23.4 |    |
| 1  | Why worms watch their hemidesmosomes and why you should, too. <i>Immunity</i> , <b>2015</b> , 42, 206-208  | 32.3 |    |