

Luis Lopez-Maury

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,378
citations

331670

21
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377865

34
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37
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37
docs citations

37
times ranked

3689
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Adaptation of cyanobacterial photosynthesis to metal constraints. , 2022, , 109-128. | | 0 |
| 2 | A protease-mediated mechanism regulates the cytochrome <i>c</i> ₆ /plastocyanin switch in <i>Synechocystis</i> sp. PCC 6803. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 18 |
| 3 | Characterization of TrxC, an Atypical Thioredoxin Exclusively Present in Cyanobacteria. Antioxidants, 2018, 7, 164. | 5.1 | 6 |
| 4 | Unprecedented pathway of reducing equivalents in a diflavin-linked disulfide oxidoreductase. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12725-12730. | 7.1 | 12 |
| 5 | A New Member of the Thioredoxin Reductase Family from Early Oxygenic Photosynthetic Organisms. Molecular Plant, 2017, 10, 212-215. | 8.3 | 15 |
| 6 | Ni interferes in the Cu-regulated transcriptional switch <i>petJ/petE</i> in <i>Synechocystis</i> sp. PCC 6803. FEBS Letters, 2016, 590, 3639-3648. | 2.8 | 5 |
| 7 | CopM is a novel copper-binding protein involved in copper resistance in <i>Synechocystis</i> sp. PCC 6803. MicrobiologyOpen, 2015, 4, 167-185. | 3.0 | 30 |
| 8 | A metabolic strategy to enhance long-term survival by Phx1 through stationary phase-specific pyruvate decarboxylases in fission yeast. Aging, 2014, 6, 587-601. | 3.1 | 7 |
| 9 | Systematic screen for mutants resistant to TORC1 inhibition in fission yeast reveals genes involved in cellular ageing and growth. Biology Open, 2014, 3, 161-171. | 1.2 | 55 |
| 10 | Metals in Cyanobacteria: Analysis of the Copper, Nickel, Cobalt and Arsenic Homeostasis Mechanisms. Life, 2014, 4, 865-886. | 2.4 | 124 |
| 11 | Redox Regulation of Glycogen Biosynthesis in the Cyanobacterium <i>Synechocystis</i> sp. PCC 6803: Analysis of the AGP and Glycogen Synthases. Molecular Plant, 2014, 7, 87-100. | 8.3 | 39 |
| 12 | Proteomic pattern alterations of the cyanobacterium <i>Synechocystis</i> sp. PCC 6803 in response to cadmium, nickel and cobalt. Journal of Proteomics, 2014, 102, 98-112. | 2.4 | 21 |
| 13 | Genomic Responses to Arsenic in the Cyanobacterium <i>Synechocystis</i> sp. PCC 6803. PLoS ONE, 2014, 9, e96826. | 2.5 | 42 |
| 14 | Global Transcriptional Profiles of the Copper Responses in the Cyanobacterium <i>Synechocystis</i> sp. PCC 6803. PLoS ONE, 2014, 9, e108912. | 2.5 | 46 |
| 15 | Glutaredoxins are essential for stress adaptation in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. Frontiers in Plant Science, 2013, 4, 428. | 3.6 | 38 |
| 16 | Altered nuclear tRNA metabolism in La-deleted <i>Schizosaccharomyces pombe</i> is accompanied by a nutritional stress response involving Atf1p and Pcr1p that is suppressible by Xpo-t/Los1p. Molecular Biology of the Cell, 2012, 23, 480-491. | 2.1 | 21 |
| 17 | Histone H3 Lysine 14 Acetylation Is Required for Activation of a DNA Damage Checkpoint in Fission Yeast. Journal of Biological Chemistry, 2012, 287, 4386-4393. | 3.4 | 65 |
| 18 | The CopRS Two-Component System Is Responsible for Resistance to Copper in the Cyanobacterium <i>Synechocystis</i> sp. PCC 6803. Plant Physiology, 2012, 159, 1806-1818. | 4.8 | 88 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Redox control of copper homeostasis in cyanobacteria. <i>Plant Signaling and Behavior</i> , 2012, 7, 1712-1714. | 2.4 | 15 |
| 20 | ArSH from the Cyanobacterium <i>Synechocystis</i> sp. PCC 6803 Is an Efficient NADPH-Dependent Quinone Reductase. <i>Biochemistry</i> , 2012, 51, 1178-1187. | 2.5 | 39 |
| 21 | Redox, mutagenic and structural studies of the glutaredoxin/arsenate reductase couple from the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 392-403. | 2.3 | 15 |
| 22 | Cuf2 Is a Novel Meiosis-Specific Regulatory Factor of Meiosis Maturation. <i>PLoS ONE</i> , 2012, 7, e36338. | 2.5 | 16 |
| 23 | Transcriptional and Cellular Responses to Defective Mitochondrial Proteolysis in Fission Yeast. <i>Journal of Molecular Biology</i> , 2011, 408, 222-237. | 4.2 | 17 |
| 24 | Mfc1 Is a Novel Forespore Membrane Copper Transporter in Meiotic and Sporulating Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 34356-34372. | 3.4 | 36 |
| 25 | Characterization of an Alcohol Dehydrogenase from the Cyanobacterium <i>Synechocystis</i> sp. Strain PCC 6803 That Responds to Environmental Stress Conditions via the Hik34-Rre1 Two-Component System. <i>Journal of Bacteriology</i> , 2009, 191, 4383-4391. | 2.2 | 55 |
| 26 | The Fission Yeast HIRA Histone Chaperone Is Required for Promoter Silencing and the Suppression of Cryptic Antisense Transcripts. <i>Molecular and Cellular Biology</i> , 2009, 29, 5158-5167. | 2.3 | 54 |
| 27 | The Glutathione/Glutaredoxin System Is Essential for Arsenate Reduction in <i>Synechocystis</i> sp. Strain PCC 6803. <i>Journal of Bacteriology</i> , 2009, 191, 3534-3543. | 2.2 | 66 |
| 28 | TOR Complex 2 Controls Gene Silencing, Telomere Length Maintenance, and Survival under DNA-Damaging Conditions. <i>Molecular and Cellular Biology</i> , 2009, 29, 4584-4594. | 2.3 | 55 |
| 29 | Tuning gene expression to changing environments: from rapid responses to evolutionary adaptation. <i>Nature Reviews Genetics</i> , 2008, 9, 583-593. | 16.3 | 857 |
| 30 | urg1: A Uracil-Regulatable Promoter System for Fission Yeast with Short Induction and Repression Times. <i>PLoS ONE</i> , 2008, 3, e1428. | 2.5 | 55 |
| 31 | The diversity and complexity of the cyanobacterial thioredoxin systems. <i>Photosynthesis Research</i> , 2006, 89, 157-171. | 2.9 | 71 |
| 32 | Arsenic Sensing and Resistance System in the Cyanobacterium <i>Synechocystis</i> sp. Strain PCC 6803. <i>Journal of Bacteriology</i> , 2003, 185, 5363-5371. | 2.2 | 165 |
| 33 | A two-component signal transduction system involved in nickel sensing in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Molecular Microbiology</i> , 2002, 43, 247-256. | 2.5 | 113 |
| 34 | A Gene Cluster Involved in Metal Homeostasis in the Cyanobacterium <i>Synechocystis</i> sp. Strain PCC 6803. <i>Journal of Bacteriology</i> , 2000, 182, 1507-1514. | 2.2 | 97 |