

# Emilio Fernández Reyes

## List of Publications by Year in descending order

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Version: 2024-02-01

115  
papers

8,770  
citations

66343

42  
h-index

45317

90  
g-index

116  
all docs

116  
docs citations

116  
times ranked

7828  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Chlamydomonas-Methylobacterium oryzae cooperation leads to increased biomass, nitrogen removal and hydrogen production. <i>Bioresource Technology</i> , 2022, 352, 127088.   | 9.6  | 19        |
| 2  | Responses of <i>Chlamydomonas reinhardtii</i> during the transition from deficient to sufficient growth (the overflow response): The roles of the vacuolar transport chaperones and polyphosphate synthesis. <i>Journal of Phycology</i> , 2021, 57, 988-1003.   | 2.3  | 15        |
| 3  | <i>Chlamydomonas reinhardtii</i> , an Algal Model in the Nitrogen Cycle. <i>Plants</i> , 2020, 9, 903.   | 3.5  | 22        |
| 4  | Identification of the MAPK Cascade and its Relationship with Nitrogen Metabolism in the Green Alga <i>Chlamydomonas reinhardtii</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 3417.   | 4.1  | 9         |
| 5  | Algae-Bacteria Consortia as a Strategy to Enhance H <sub>2</sub> Production. <i>Cells</i> , 2020, 9, 1353.   | 4.1  | 48        |
| 6  | Validation of a New Multicistronic Plasmid for the Efficient and Stable Expression of Transgenes in Microalgae. <i>International Journal of Molecular Sciences</i> , 2020, 21, 718.  | 4.1  | 3         |
| 7  | Origin Recognition Complex (ORC) Evolution Is Influenced by Global Gene Duplication/Loss Patterns in Eukaryotic Genomes. <i>Genome Biology and Evolution</i> , 2020, 12, 3878-3889.  | 2.5  | 9         |
| 8  | Nitrogen scavenging from amino acids and peptides in the model alga <i>Chlamydomonas reinhardtii</i> . The role of extracellular L-amino oxidase. <i>Algal Research</i> , 2019, 38, 101395.  | 4.6  | 24        |
| 9  | Role of Nitrate Reductase in NO Production in Photosynthetic Eukaryotes. <i>Plants</i> , 2019, 8, 56.  | 3.5  | 57        |
| 10 | OK, thanks! A new mutualism between <i>Chlamydomonas</i> and methylobacteria facilitates growth on amino acids and peptides. <i>FEMS Microbiology Letters</i> , 2018, 365, .   | 1.8  | 33        |
| 11 | From the Eukaryotic Molybdenum Cofactor Biosynthesis to the Moonlighting Enzyme mARC. <i>Molecules</i> , 2018, 23, 3287.   | 3.8  | 30        |
| 12 | Arginine is a component of the ammonium-CYG56 signalling cascade that represses genes of the nitrogen assimilation pathway in <i>Chlamydomonas reinhardtii</i> . <i>PLoS ONE</i> , 2018, 13, e0196167.   | 2.5  | 6         |
| 13 | Nitrogen isotope signature evidences ammonium deprotonation as a common transport mechanism for the AMT-Mep-Rh protein superfamily. <i>Science Advances</i> , 2018, 4, eaar3599.   | 10.3 | 33        |
| 14 | Nitrate Reductase Regulates Plant Nitric Oxide Homeostasis. <i>Trends in Plant Science</i> , 2017, 22, 163-174.  | 8.8  | 338       |
| 15 | The molybdenum cofactor enzyme mARC: Moonlighting or promiscuous enzyme?. <i>BioFactors</i> , 2017, 43, 486-494.   | 5.4  | 40        |
| 16 | How <i>Chlamydomonas</i> handles nitrate and the nitric oxide cycle. <i>Journal of Experimental Botany</i> , 2017, 68, 2593-2602.  | 4.8  | 34        |
| 17 | The biosynthesis of nitrous oxide in the green alga <i>Chlamydomonas reinhardtii</i> . <i>Plant Journal</i> , 2017, 91, 45-56.   | 5.7  | 26        |
| 18 | H <sub>2</sub> production pathways in nutrient-replete mixotrophic <i>Chlamydomonas</i> cultures under low light. Response to the commentary article "On the pathways feeding the H <sub>2</sub> production process in nutrient-replete, hypoxic conditions," by Alberto Scoma and Szilvia Z. Táth. <i>Biotechnology for Biofuels</i> , 2017, 10, 117. | 6.2  | 5         |

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|----|---|-----|-----------|
| 19 | Study of Different Variants of Mo Enzyme crARC and the Interaction with Its Partners crCytb5-R and crCytb5-1. <i>International Journal of Molecular Sciences</i> , 2017, 18, 670.   | 4.1 | 8         |
| 20 | NRT2.4 and NRT2.5 Are Two Half-Size Transporters from the Chlamydomonas NRT2 Family. <i>Agronomy</i> , 2016, 6, 20.   | 3.0 | 7         |
| 21 | A dual system formed by the ARC and NR molybdoenzymes mediates nitrite-dependent NO production in <i>Chlamydomonas</i> . <i>Plant, Cell and Environment</i> , 2016, 39, 2097-2107.  | 5.7 | 130       |
| 22 | Characterization of a Mutant Deficient for Ammonium and Nitric Oxide Signalling in the Model System <i>Chlamydomonas reinhardtii</i> . <i>PLoS ONE</i> , 2016, 11, e0155128.  | 2.5 | 11        |
| 23 | Low oxygen levels contribute to improve photohydrogen production in mixotrophic non-stressed <i>Chlamydomonas</i> cultures. <i>Biotechnology for Biofuels</i> , 2015, 8, 149.   | 6.2 | 38        |
| 24 | Understanding nitrate assimilation and its regulation in microalgae. <i>Frontiers in Plant Science</i> , 2015, 6, 899.  | 3.6 | 261       |
| 25 | Relevance of nutrient media composition for hydrogen production in <i>Chlamydomonas</i> . <i>Photosynthesis Research</i> , 2015, 125, 395-406.  | 2.9 | 33        |
| 26 | THB1 regulates nitrate reductase activity and THB1 and THB2 transcription differentially respond to NO and the nitrate/ammonium balance in <i>Chlamydomonas</i> . <i>Plant Signaling and Behavior</i> , 2015, 10, e1042638. | 2.4 | 12        |
| 27 | THB1, a truncated hemoglobin, modulates nitric oxide levels and nitrate reductase activity. <i>Plant Journal</i> , 2015, 81, 467-479.   | 5.7 | 87        |
| 28 | Chlamydomonas NZF1, a tandem-repeated zinc finger factor involved in nitrate signalling by controlling the regulatory gene NIT2. <i>Plant, Cell and Environment</i> , 2014, 37, 2139-2150.                                  | 5.7 | 11        |
| 29 | A unified nomenclature of NITRATE TRANSPORTER 1/PEPTIDE TRANSPORTER family members in plants. <i>Trends in Plant Science</i> , 2014, 19, 5-9.   | 8.8 | 581       |
| 30 | Nitric oxide controls nitrate and ammonium assimilation in <i>Chlamydomonas reinhardtii</i> . <i>Journal of Experimental Botany</i> , 2013, 64, 3373-3383.  | 4.8 | 67        |
| 31 | Molybdenum metabolism in plants. <i>Metallomics</i> , 2013, 5, 1191.  | 2.4 | 86        |
| 32 | Characterization of <i>Chlamydomonas</i> 102 and 104 Mutants Reveals Intermolecular Complementation in the Molybdenum Cofactor Protein CNX1E. <i>Protist</i> , 2013, 164, 116-128.  | 1.5 | 8         |
| 33 | Ketocarotenoid Biosynthesis in Transgenic Microalgae Expressing a Foreign $\beta$ -C-4-carotene Oxygenase Gene. <i>Methods in Molecular Biology</i> , 2012, 892, 283-295.   | 0.9 | 9         |
| 34 | Molybdenum metabolism in the alga <i>Chlamydomonas</i> stands at the crossroad of those in <i>Arabidopsis</i> and humans. <i>Metallomics</i> , 2011, 3, 578.  | 2.4 | 24        |
| 35 | Reverse genetics in <i>Chlamydomonas</i> : a platform for isolating insertional mutants. <i>Plant Methods</i> , 2011, 7, 24.  | 4.3 | 87        |
| 36 | Transcriptional regulation of CDP1 and CYG56 is required for proper NH <sub>4</sub> <sup>+</sup> sensing in <i>Chlamydomonas</i> . <i>Journal of Experimental Botany</i> , 2011, 62, 1425-1437.                             | 4.8 | 19        |

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|----|---|------|-----------|
| 37 | The <i>Chlamydomonas reinhardtii</i> Molybdenum Cofactor Enzyme crARC Has a Zn-Dependent Activity and Protein Partners Similar to Those of Its Human Homologue. <i>Eukaryotic Cell</i> , 2011, 10, 1270-1282. | 3.4  | 44        |
| 38 | Algae and humans share a molybdate transporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6420-6425.  | 7.1  | 97        |
| 39 | Regulation by light of ammonium transport systems in <i>Chlamydomonas reinhardtii</i> . <i>Plant, Cell and Environment</i> , 2010, 33, 1049-1056.   | 5.7  | 22        |
| 40 | A Soluble Guanylate Cyclase Mediates Negative Signaling by Ammonium on Expression of Nitrate Reductase in <i>Chlamydomonas</i> . <i>Plant Cell</i> , 2010, 22, 1532-1548.                                     | 6.6  | 86        |
| 41 | Homeostasis of the micronutrients Ni, Mo and Cl with specific biochemical functions. <i>Current Opinion in Plant Biology</i> , 2009, 12, 358-363.   | 7.1  | 43        |
| 42 | The nodule inception-like protein 7 modulates nitrate sensing and metabolism in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2009, 57, 426-435.  | 5.7  | 384       |
| 43 | Nitrogen Assimilation and its Regulation. , 2009, , 69-113.   |      | 21        |
| 44 | Nitrate Assimilation in <i>Chlamydomonas</i> . <i>Eukaryotic Cell</i> , 2008, 7, 555-559.   | 3.4  | 114       |
| 45 | Inorganic nitrogen assimilation in <i>Chlamydomonas</i> . <i>Journal of Experimental Botany</i> , 2007, 58, 2279-2287.  | 4.8  | 136       |
| 46 | <i>Chlamydomonas reinhardtii</i> CNX1E Reconstitutes Molybdenum Cofactor Biosynthesis in <i>Escherichia coli</i> Mutants. <i>Eukaryotic Cell</i> , 2007, 6, 1063-1067.  | 3.4  | 23        |
| 47 | Insertional Mutagenesis as a Tool to Study Genes/Functions in <i>Chlamydomonas</i> . <i>Advances in Experimental Medicine and Biology</i> , 2007, 616, 77-89.   | 1.6  | 29        |
| 48 | A high-affinity molybdate transporter in eukaryotes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20126-20130.   | 7.1  | 125       |
| 49 | Nuclear Transformation of Eukaryotic Microalgae. <i>Advances in Experimental Medicine and Biology</i> , 2007, 616, 1-11.  | 1.6  | 69        |
| 50 | Nitrate Signaling by the Regulatory Gene <i>NIT2</i> in <i>Chlamydomonas</i> . <i>Plant Cell</i> , 2007, 19, 3491-3503.   | 6.6  | 124       |
| 51 | Metabolic engineering of ketocarotenoids biosynthesis in the unicellular microalga <i>Chlamydomonas reinhardtii</i> . <i>Journal of Biotechnology</i> , 2007, 130, 143-152.                                   | 3.8  | 95        |
| 52 | The <i>Chlamydomonas</i> Genome Reveals the Evolution of Key Animal and Plant Functions. <i>Science</i> , 2007, 318, 245-250.   | 12.6 | 2,354     |
| 53 | Chemotaxis to ammonium/methylammonium in <i>Chlamydomonas reinhardtii</i> : the role of transport systems for ammonium/methylammonium. <i>Planta</i> , 2007, 226, 1323-1332.                                  | 3.2  | 14        |
| 54 | Differential Regulation of the <i>Chlamydomonas</i> Nar1 Gene Family by Carbon and Nitrogen. <i>Protist</i> , 2006, 157, 421-433.   | 1.5  | 99        |

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|----|---|-----|-----------|
| 55 | Function and Structure of the Molybdenum Cofactor Carrier Protein from <i>Chlamydomonas reinhardtii</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 30186-30194.  | 3.4 | 65        |
| 56 | The Green Alga <i>Chlamydomonas</i> as a Tool to Study the Nitrate Assimilation Pathway in Plants. , 2006, , 125-158.   |     | 0         |
| 57 | <i>Chlamydomonas reinhardtii</i> strains expressing nitrate reductase under control of the cabII-1 promoter: isolation of chlorate resistant mutants and identification of new loci for nitrate assimilation. <i>Photosynthesis Research</i> , 2005, 83, 151-161. | 2.9 | 12        |
| 58 | Functional Genomics of the Regulation of the Nitrate Assimilation Pathway in <i>Chlamydomonas</i> . <i>Plant Physiology</i> , 2005, 137, 522-533.   | 4.8 | 83        |
| 59 | REM1, a New Type of Long Terminal Repeat Retrotransposon in <i>Chlamydomonas reinhardtii</i> . <i>Molecular and Cellular Biology</i> , 2005, 25, 10628-10638.   | 2.3 | 30        |
| 60 | Restriction enzyme site-directed amplification PCR: A tool to identify regions flanking a marker DNA. <i>Analytical Biochemistry</i> , 2005, 340, 330-335.  | 2.4 | 99        |
| 61 | Transgenic microalgae as green cell-factories. <i>Trends in Biotechnology</i> , 2004, 22, 45-52.  | 9.3 | 250       |
| 62 | Ammonium transporter genes in <i>Chlamydomonas</i> : the nitrate-specific regulatory gene Nit2 is involved in Amt1;1 expression. <i>Plant Molecular Biology</i> , 2004, 56, 863-878.  | 3.9 | 72        |
| 63 | Mcp1 Encodes the Molybdenum Cofactor Carrier Protein in <i>Chlamydomonas reinhardtii</i> and Participates in Protection, Binding, and Storage Functions of the Cofactor. <i>Journal of Biological Chemistry</i> , 2003, 278, 10885-10890.                         | 3.4 | 50        |
| 64 | Nitrite transport to the chloroplast in <i>Chlamydomonas reinhardtii</i> : molecular evidence for a regulated process. <i>Journal of Experimental Botany</i> , 2002, 53, 845-853.   | 4.8 | 40        |
| 65 | The activity of the high-affinity nitrate transport system I (NRT2;1, NAR2) is responsible for the efficient signalling of nitrate assimilation genes in <i>Chlamydomonas reinhardtii</i> . <i>Planta</i> , 2002, 215, 606-611.                                   | 3.2 | 27        |
| 66 | Nitrate signalling on the nitrate reductase gene promoter depends directly on the activity of the nitrate transport systems in <i>Chlamydomonas</i> . <i>Plant Journal</i> , 2002, 30, 261-271.   | 5.7 | 52        |
| 67 | NADP-malate dehydrogenase from <i>Chlamydomonas</i> : prediction of new structural determinants for redox regulation by homology modelling. <i>Plant Molecular Biology</i> , 2002, 48, 211-221.   | 3.9 | 13        |
| 68 | Eukaryotic nitrate and nitrite transporters. <i>Cellular and Molecular Life Sciences</i> , 2001, 58, 225-233.   | 5.4 | 124       |
| 69 | Cytosolic glutamine synthetase and not nitrate reductase from the green alga <i>Chlamydomonas reinhardtii</i> is phosphorylated and binds 14-3-3 proteins. <i>Planta</i> , 2001, 212, 264-269.  | 3.2 | 42        |
| 70 | Low-expression genes induced by nitrogen starvation and subsequent sexual differentiation in <i>Chlamydomonas reinhardtii</i> , isolated by the differential display technique. <i>Planta</i> , 2001, 213, 309-317.   | 3.2 | 29        |
| 71 | The negative effect of nitrate on gametogenesis is independent of nitrate assimilation in <i>Chlamydomonas reinhardtii</i> . <i>Planta</i> , 2000, 211, 287-292.  | 3.2 | 19        |
| 72 | The <i>Chlamydomonas reinhardtii</i> Nar1 Gene Encodes a Chloroplast Membrane Protein Involved in Nitrite Transport. <i>Plant Cell</i> , 2000, 12, 1441-1453.   | 6.6 | 79        |

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|----|--|-----|-----------|
| 73 | The <i>Chlamydomonas reinhardtii</i> Nar1 Gene Encodes a Chloroplast Membrane Protein Involved in Nitrite Transport. <i>Plant Cell</i> , 2000, 12, 1441.   | 6.6 | 3         |
| 74 | Nitrite Reductase Mutants as an Approach to Understanding Nitrate Assimilation in <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 2000, 122, 283-290.   | 4.8 | 43        |
| 75 | Involvement of chloroplast and mitochondria redox valves in nitrate assimilation. <i>Trends in Plant Science</i> , 2000, 5, 463-464.   | 8.8 | 42        |
| 76 | A high affinity nitrate transport system from <i>Chlamydomonas</i> requires two gene products. <i>FEBS Letters</i> , 2000, 466, 225-227.   | 2.8 | 106       |
| 77 | Corrigendum to: A high affinity nitrate transport system from <i>Chlamydomonas</i> requires two gene products (FEBS 23233). <i>FEBS Letters</i> , 2000, 481, 88-88.  | 2.8 | 1         |
| 78 | Differential Regulation of the High Affinity Nitrite Transport Systems III and IV in <i>Chlamydomonas reinhardtii</i> . <i>Journal of Biological Chemistry</i> , 1999, 274, 27801-27806.   | 3.4 | 46        |
| 79 | Blue light requirement for the biosynthesis of an NO <sub>2</sub> <sup>-</sup> transport system in the <i>Chlamydomonas reinhardtii</i> nitrate transport mutant S10*. <i>Plant, Cell and Environment</i> , 1999, 22, 1169-1175. | 5.7 | 10        |
| 80 | Clustering of the nitrite reductase gene and a light-regulated gene with nitrate assimilation loci in <i>Chlamydomonas reinhardtii</i> . <i>Planta</i> , 1998, 206, 259-265.   | 3.2 | 48        |
| 81 | The <i>Chlamydomonas reinhardtii</i> MoCo carrier protein is multimeric and stabilizes molybdopterin cofactor in a molybdate charged form. <i>FEBS Letters</i> , 1998, 431, 205-209.   | 2.8 | 54        |
| 82 | Nitrogen Assimilation and its Regulation. , 1998, , 637-659.   |     | 18        |
| 83 | PCR-identification of a <i>Nicotiana plumbaginifolia</i> cDNA homologous to the high-affinity nitrate transporters of the <i>crnA</i> family. <i>Plant Molecular Biology</i> , 1997, 34, 265-274.                                | 3.9 | 129       |
| 84 | Different forms of molybdenum cofactor in <i>Vicia faba</i> seeds: The presence of molybdenum cofactor carrier protein and its purification. <i>Planta</i> , 1997, 201, 64-70.   | 3.2 | 12        |
| 85 | Constitutive expression of nitrate reductase changes the regulation of nitrate and nitrite transporters in <i>Chlamydomonas reinhardtii</i> . <i>Plant Journal</i> , 1996, 9, 819-827.   | 5.7 | 30        |
| 86 | Nitrate and Nitrite Are Transported by Different Specific Transport Systems and by a Bispecific Transporter in <i>Chlamydomonas reinhardtii</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 2088-2092.                 | 3.4 | 105       |
| 87 | <i>Chlamydomonas reinhardtii</i> nitrate reductase complex has 105 kDa subunits in the wild-type strain and a structural mutant. <i>Plant Science</i> , 1995, 105, 195-206.  | 3.6 | 18        |
| 88 | Genes involved in nitrate assimilation. <i>Plant Molecular Biology Reporter</i> , 1994, 12, S45-S49.   | 1.8 | 12        |
| 89 | Identification of nitrate transporter genes in <i>Chlamydomonas reinhardtii</i> . <i>Plant Journal</i> , 1994, 5, 407-419.   | 5.7 | 189       |
| 90 | Toxicity of and mutagenesis by chlorate are independent of nitrate reductase activity in <i>Chlamydomonas reinhardtii</i> . <i>Molecular Genetics and Genomics</i> , 1993, 237, 429-438.   | 2.4 | 35        |

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| 91  | Five nitrate assimilation-related loci are clustered in <i>Chlamydomonas reinhardtii</i> . <i>Molecular Genetics and Genomics</i> , 1993, 240, 387-394.  | 2.4 | 85        |
| 92  | nit 7: A New Locus for Molybdopterin Cofactor Biosynthesis in the Green Alga <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 1992, 98, 395-398.   | 4.8 | 15        |
| 93  | Nitrate Reductase Regulates Expression of Nitrite Uptake and Nitrite Reductase Activities in <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 1992, 98, 422-426.                             | 4.8 | 35        |
| 94  | Direct transfer of molybdopterin cofactor to aponitrate reductase from a carrier protein in <i>Chlamydomonas reinhardtii</i> . <i>FEBS Letters</i> , 1992, 307, 162-163.                                 | 2.8 | 35        |
| 95  | Quantitation of molybdopterin oxidation product in wild-type and molybdenum cofactor deficient mutants of <i>Chlamydomonas reinhardtii</i> . <i>BBA - Proteins and Proteomics</i> , 1992, 1160, 269-274. | 2.1 | 14        |
| 96  | Regulation of molybdenum cofactor species in the green alga <i>Chlamydomonas reinhardtii</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1991, 1073, 463-469.                            | 2.4 | 23        |
| 97  | Regulation of nitrite uptake and nitrite reductase expression in <i>Chlamydomonas reinhardtii</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1991, 1074, 6-11.                          | 2.4 | 23        |
| 98  | Regulation by ammonium of nitrate and nitrite assimilation in <i>Chlamydomonas reinhardtii</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1988, 951, 98-103.                    | 2.4 | 19        |
| 99  | Involvement of Reversible Inactivation in the Regulation of Nitrate Reductase Enzyme Levels in <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 1987, 84, 665-669.                           | 4.8 | 36        |
| 100 | Cooperative regulation by ammonium and ammonium derivatives of nitrite uptake in <i>Chlamydomonas reinhardtii</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 902, 287-292.            | 2.6 | 9         |
| 101 | Molybdate repair of molybdopterin deficient mutants from <i>Chlamydomonas reinhardtii</i> . <i>Current Genetics</i> , 1987, 12, 349-355.   | 1.7 | 19        |
| 102 | A mutant of <i>Chlamydomonas reinhardtii</i> altered in the transport of ammonium and methylammonium. <i>Molecular Genetics and Genomics</i> , 1987, 206, 414-418.                                       | 2.4 | 33        |
| 103 | In vivo complementation analysis of nitrate reductase-deficient mutants in <i>Chlamydomonas reinhardtii</i> . <i>Current Genetics</i> , 1986, 10, 397-403.   | 1.7 | 69        |
| 104 | Kinetic Characterization of Nitrite Uptake and Reduction by <i>Chlamydomonas reinhardtii</i> . <i>Plant Physiology</i> , 1986, 82, 904-908.  | 4.8 | 38        |
| 105 | Role of the diaphorase moiety on the reversible inactivation of the <i>Chlamydomonas reinhardtii</i> nitrate reductase complex. <i>BBA - Proteins and Proteomics</i> , 1985, 827, 8-13.                  | 2.1 | 6         |
| 106 | Physicochemical Properties of Ferredoxin from <i>Chlamydomonas reinhardtii</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1985, 40, 373-378.                           | 1.4 | 20        |
| 107 | Heteromultimeric structure of the nitrate reductase complex of <i>Chlamydomonas reinhardtii</i> . <i>EMBO Journal</i> , 1984, 3, 1403-1407.  | 7.8 | 13        |
| 108 | Urate oxidase of <i>Chlamydomonas reinhardtii</i> . <i>Physiologia Plantarum</i> , 1984, 62, 453-457.  | 5.2 | 45        |

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|-----|--|-----|-----------|
| 109 | Ammonium (methylammonium) is the co-repressor of nitrate reductase in <i>Chlamydomonas reinhardtii</i> . <i>FEBS Letters</i> , 1984, 176, 453-456.   | 2.8 | 29        |
| 110 | Isolation and properties of the NAD(P)H-cytochrome c reductase subunit of <i>Chlamydomonas reinhardtii</i> NAD(P)H-nitrate reductase. <i>BBA - Proteins and Proteomics</i> , 1983, 745, 12-19.   | 2.1 | 9         |
| 111 | Isoelectric Focusing of the NAD(P)H-Cytochrome c Reductase Subunit of <i>Chlamydomonas reinhardtii</i> Nitrate Reductase. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1983, 38, 35-38.                          | 1.4 | 4         |
| 112 | Nitrate Reductase from a Mutant Strain of <i>Chlamydomonas reinhardtii</i> Incapable of Nitrate Assimilation. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1983, 38, 439-445.                                    | 1.4 | 9         |
| 113 | Biochemical characterization of a singular mutant of nitrate reductase from <i>Chlamydomonas reinhardtii</i> . New evidence for a heteropolymeric enzyme structure. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1982, 681, 530-537. | 1.0 | 7         |
| 114 | Regulation of the nitrate-reducing system enzymes in wild-type and mutant strains of <i>Chlamydomonas reinhardtii</i> . <i>Molecular Genetics and Genomics</i> , 1982, 186, 164-169.   | 2.4 | 53        |
| 115 | In vitro complementation of assimilatory NAD(P)H-nitrate reductase from mutants of <i>Chlamydomonas reinhardtii</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 657, 1-12.   | 2.6 | 25        |