

# Carlo Alberto Palmerini

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

430  
citations

840119

11  
h-index

752256

20  
g-index

26  
all docs

26  
docs citations

26  
times ranked

449  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Fusion of Sperm with Protasomes: Effects on Membrane Fluidity. Archives of Biochemistry and Biophysics, 1997, 343, 6-12.   | 1.4 | 92        |
| 2  | The motility of human spermatozoa as influenced by protasomes at various pH levels. Biology of the Cell, 1999, 91, 51-54.  | 0.7 | 60        |
| 3  | Protasome to sperm transfer of CD13/aminopeptidase N (EC 3.4.11.2). Biochimica Et Biophysica Acta - General Subjects, 1997, 1336, 533-538.   | 1.1 | 56        |
| 4  | Nitric oxide and fusion with protasomes increase cytosolic calcium in progesterone-stimulated sperm. Archives of Biochemistry and Biophysics, 2002, 402, 255-258.  | 1.4 | 19        |
| 5  | Nitric oxide depletion alters hematopoietic stem cell commitment toward immunogenic dendritic cells. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2830-2838.                                | 1.1 | 18        |
| 6  | Blood Lipids in Antarctic and in Temperate-Water Fish Species. Journal of Membrane Biology, 2009, 230, 125-131.  | 1.0 | 17        |
| 7  | Selenium maintains Ca <sup>2+</sup> homeostasis in sheep lymphocytes challenged by oxidative stress. PLoS ONE, 2018, 13, e0201523.   | 1.1 | 17        |
| 8  | Effects of selenium supplementation on olive under salt stress conditions. Scientia Horticulturae, 2021, 278, 109866.  | 1.7 | 17        |
| 9  | Type III procollagen peptide and PZ-peptidase serum levels in pre-cirrhotic liver diseases. Clinica Chimica Acta, 1985, 148, 87-95.  | 0.5 | 16        |
| 10 | Selenium maintains cytosolic Ca <sup>2+</sup> homeostasis and preserves germination rates of maize pollen under H <sub>2</sub> O <sub>2</sub> -induced oxidative stress. Scientific Reports, 2019, 9, 13502. | 1.6 | 14        |
| 11 | Interactions between protasomes and leukocytes. Biochimica Et Biophysica Acta - General Subjects, 1998, 1425, 36-40.   | 1.1 | 13        |
| 12 | Determination of S-Nitrosohemoglobin Using a Solid-State Amperometric Sensor. Nitric Oxide - Biology and Chemistry, 2000, 4, 546-549.  | 1.2 | 11        |
| 13 | Nitric oxide in ischemic and reperfused human muscle. Clinica Chimica Acta, 2002, 318, 79-82.  | 0.5 | 11        |
| 14 | The motility of human spermatozoa as influenced by protasomes at various pH levels. , 1999, 91, 51.  |     | 11        |
| 15 | Selenium-Enriched Pollen Grains of <i>Olea europaea</i> L.: Ca <sup>2+</sup> Signaling and Germination Under Oxidative Stress. Frontiers in Plant Science, 2019, 10, 1611.                                   | 1.7 | 10        |
| 16 | Production of nitric oxide by human salivary peroxidase and by bovine lactoperoxidase. Journal of Biochemical and Molecular Toxicology, 2012, 26, 87-93.   | 1.4 | 8         |
| 17 | The transport of cytidine into rat brain in vivo, and its conversion into cytidine metabolites. Neurochemical Research, 1982, 7, 1199-1207.  | 1.6 | 7         |
| 18 | The influence of cytidine on the endogenous pool of CDP-choline, CDP-ethanolamine, and CMP of the rat brain. Neurochemical Research, 1984, 9, 73-79.   | 1.6 | 6         |

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|----|---|-----|-----------|
| 19 | Formation of nitrosothiols from gaseous nitric oxide at pH 7.4. <i>Journal of Biochemical and Molecular Toxicology</i> , 2002, 16, 135-139.   | 1.4 | 6         |
| 20 | Chelating properties of beer: Implications on calcium homeostasis in PE/CA-PJ15 cells. <i>Journal of Nutrition &amp; Intermediary Metabolism</i> , 2017, 7, 1-7.  | 1.7 | 4         |
| 21 | Persistence of the Effects of Se-Fertilization in Olive Trees over Time, Monitored with the Cytosolic Ca <sup>2+</sup> and with the Germination of Pollen. <i>Plants</i> , 2021, 10, 2290.                | 1.6 | 4         |
| 22 | Uptake and utilization of CDP-choline in primary brain cell cultures from fetal brain. <i>Neurochemical Research</i> , 1983, 8, 333-340.  | 1.6 | 3         |
| 23 | Extracts of Emmer Wheatgrass Grown with Distilled Water, Salinity or Selenium Differently Affect Germination and Cytosolic Ca <sup>2+</sup> of Maize Pollen. <i>Agronomy</i> , 2021, 11, 633.             | 1.3 | 3         |
| 24 | In Vitro Oxidative Stress Threatening Maize Pollen Germination and Cytosolic Ca <sup>2+</sup> Can Be Mitigated by Extracts of Emmer Wheatgrass Biofortified with Selenium. <i>Plants</i> , 2022, 11, 859. | 1.6 | 3         |
| 25 | The impact of nitric oxide on calcium homeostasis in PE/CA-PJ15 cells. <i>Archives of Oral Biology</i> , 2014, 59, 1377-1383.   | 0.8 | 2         |
| 26 | Selective Inhibition of Wild Sunflower Reproduction with Mugwort Aqueous Extract, Tested on Cytosolic Ca <sup>2+</sup> and Germination of the Pollen Grains. <i>Plants</i> , 2021, 10, 1364.              | 1.6 | 2         |