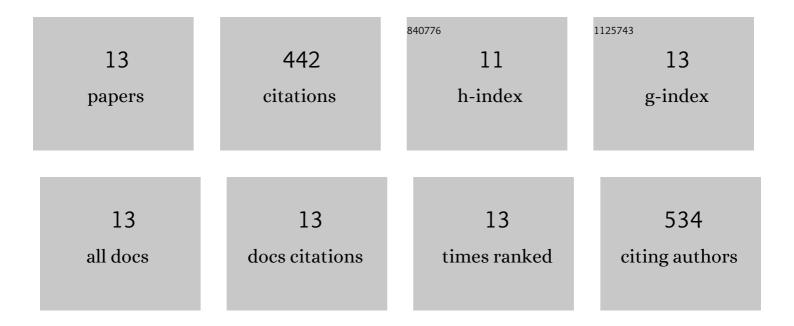
## Carlos Gaete-Eastman

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1547891/publications.pdf Version: 2024-02-01



| #  | Article  | IF                | CITATIONS   |
|----|--|-------------------|-------------|
| 1  | Southern Species From the Biodiversity Hotspot of Central Chile: A Source of Color, Aroma, and<br>Metabolites for Global Agriculture and Food Industry in a Scenario of Climate Change. Frontiers in<br>Plant Science, 2020, 11, 1002.                 | 3.6               | 15          |
| 2  | Comparative <i>in silico</i> study of the differences in the structure and ligand interaction properties of three alpha-expansin proteins from <i>Fragaria chiloensis</i> fruit. Journal of Biomolecular Structure and Dynamics, 2019, 37, 3245-3258.  | 3.5               | 17          |
| 3  | Cell wall-related enzymatic activities and transcriptional profiles in four strawberry (Fragaria x) Tj ETQq1 1 0.7843  | 314 rgBT /<br>3.6 | Oyerlock 10 |
| 4  | Identification of a type II cystatin in Fragaria chiloensis: A proteinase inhibitor differentially regulated<br>during achene development and in response to biotic stress-related stimuli. Plant Physiology and<br>Biochemistry, 2018, 129, 158-167.  | 5.8               | 9           |
| 5  | Structural and Affinity Determinants in the Interaction between Alcohol Acyltransferase from F. x ananassa and Several Alcohol Substrates: A Computational Study. PLoS ONE, 2016, 11, e0153057.  | 2.5               | 20          |
| 6  | In-silico analysis of the structure and binding site features of an α-expansin protein from mountain<br>papaya fruit (VpEXPA2), through molecular modeling, docking, and dynamics simulation studies.<br>Journal of Molecular Modeling, 2015, 21, 115. | 1.8               | 22          |
| 7  | Structural characterization and substrate specificity of VpAAT1 protein related to ester biosynthesis in mountain papaya fruit. Journal of Molecular Graphics and Modelling, 2011, 29, 635-642.  | 2.4               | 37          |
| 8  | <i>&gt;VpAAT1</i> , a Gene Encoding an Alcohol Acyltransferase, Is Involved in Ester Biosynthesis during<br>Ripening of Mountain Papaya Fruit. Journal of Agricultural and Food Chemistry, 2010, 58, 5114-5121.  | 5.2               | 58          |
| 9  | Expression of an ethylene-related expansin gene during softening of mountain papaya fruit<br>(Vasconcellea pubescens). Postharvest Biology and Technology, 2009, 53, 58-65.  | 6.0               | 20          |
| 10 | Aroma Development during Ripening of <i>Fragaria chiloensis</i> Fruit and Participation of an Alcohol<br>Acyltransferase (FcAAT1) Gene. Journal of Agricultural and Food Chemistry, 2009, 57, 9123-9132.   | 5.2               | 58          |
| 11 | Softening rate of the Chilean strawberry (Fragaria chiloensis) fruit reflects the expression of polygalacturonase and pectate lyase genes. Postharvest Biology and Technology, 2008, 49, 210-220.  | 6.0               | 82          |
| 12 | Treatment with 1-MCP and the role of ethylene in aroma development of mountain papaya fruit.<br>Postharvest Biology and Technology, 2007, 43, 67-77.   | 6.0               | 54          |
| 13 | Diet breadth and its relationship with genetic diversity and differentiation: the case of southern beech aphids (Hemiptera: Aphididae). Bulletin of Entomological Research, 2004, 94, 219-227.   | 1.0               | 15          |