

Giovanna Frugis

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,376
citations

430874

18
h-index

454955

30
g-index

31
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31
docs citations

31
times ranked

3279
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Arabidopsis NAC1 transduces auxin signal downstream of TIR1 to promote lateral root development. <i>Genes and Development</i> , 2000, 14, 3024-3036. | 5.9 | 821 |
| 2 | The WUSCHEL gene promotes vegetative-to-embryonic transition in Arabidopsis. <i>Plant Journal</i> , 2002, 30, 349-359. | 5.7 | 573 |
| 3 | Transcriptome driven characterization of curly- and smooth-leaved endives reveals molecular differences in the sesquiterpenoid pathway. <i>Horticulture Research</i> , 2019, 6, 1. | 6.3 | 193 |
| 4 | Overexpression of KNAT1 in Lettuce Shifts Leaf Determinate Growth to a Shoot-Like Indeterminate Growth Associated with an Accumulation of Isopentenyl-Type Cytokinins. <i>Plant Physiology</i> , 2001, 126, 1370-1380. | 4.8 | 121 |
| 5 | Genetic transformation in the grain legume <i>Cicer arietinum</i> L. (chickpea). <i>Plant Cell Reports</i> , 1993, 12, 194-8. | 5.6 | 97 |
| 6 | Translating Flowering Time From Arabidopsis thaliana to Brassicaceae and Asteraceae Crop Species. <i>Plants</i> , 2018, 7, 111. | 3.5 | 56 |
| 7 | <scp>KNAT</scp>3/4/5-like class 2 <scp>KNOX</scp> transcription factors are involved in <i>Medicago truncatula</i> symbiotic nodule organ development. <i>New Phytologist</i> , 2017, 213, 822-837. | 7.3 | 49 |
| 8 | Ubiquitin-mediated proteolysis in plant hormone signal transduction. <i>Trends in Cell Biology</i> , 2002, 12, 308-311. | 7.9 | 45 |
| 9 | Are Homeobox Knotted-Like Genes and Cytokinins the Leaf Architects?. <i>Plant Physiology</i> , 1999, 119, 371-374. | 4.8 | 43 |
| 10 | Characterization of KNOX genes in <i>Medicago truncatula</i> . <i>Plant Molecular Biology</i> , 2008, 67, 135-150. | 3.9 | 41 |
| 11 | Expression in different populations of cells of the root meristem is controlled by different domains of the rolB promoter. <i>Plant Molecular Biology</i> , 1994, 25, 681-691. | 3.9 | 32 |
| 12 | The overexpression of asparagine synthetase A from <i>E. coli</i> affects the nitrogen status in leaves of lettuce (<i>Lactuca sativa</i> L.) and enhances vegetative growth. <i>Euphytica</i> , 2008, 162, 11-22. | 1.2 | 30 |
| 13 | NMR-Metabolic Methodology in the Study of GM Foods. <i>Nutrients</i> , 2010, 2, 1-15. | 4.1 | 28 |
| 14 | TALE and Shape: How to Make a Leaf Different. <i>Plants</i> , 2013, 2, 317-342. | 3.5 | 28 |
| 15 | Plant Cellular and Molecular Biotechnology: Following Mariotti's Steps. <i>Plants</i> , 2019, 8, 18. | 3.5 | 26 |
| 16 | A Meta-Analysis of Comparative Transcriptomic Data Reveals a Set of Key Genes Involved in the Tolerance to Abiotic Stresses in Rice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5662. | 4.1 | 24 |
| 17 | Insights into the Sesquiterpenoid Pathway by Metabolic Profiling and De novo Transcriptome Assembly of Stem-Chicory (<i>Cichorium intybus</i> Cultigroup "Catalogna"). <i>Frontiers in Plant Science</i> , 2016, 7, 1676. | 3.6 | 20 |
| 18 | Isolation and molecular characterisation of the gene encoding the cytoplasmic ribosomal protein S28 in <i>Prunus persica</i> [L.] Batsch. <i>Molecular Genetics and Genomics</i> , 2000, 263, 201-212. | 2.4 | 19 |

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|----|--|-----|-----------|
| 19 | Synthesis of extracellular proteins in embryogenic and non-embryogenic cell cultures of alfalfa. <i>Plant Cell, Tissue and Organ Culture</i> , 1996, 44, 257-260. | 2.3 | 16 |
| 20 | Isolation and characterization of a maintenance DNA-methyltransferase gene from peach (<i>Prunus</i>). <i>Journal of Experimental Botany</i> , 2003, 54, 2623-2633. | 4.8 | 15 |
| 21 | Pollen-mediated transgene flow in lettuce (<i>Lactuca sativa</i> L.). <i>Plant Breeding</i> , 2008, 127, 308-314. | 1.9 | 15 |
| 22 | A Comparative Transcriptomic Meta-Analysis Revealed Conserved Key Genes and Regulatory Networks Involved in Drought Tolerance in Cereal Crops. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13062. | 4.1 | 15 |
| 23 | <i>Agrobacterium rhizogenes</i> rol genes induce productivity-related phenotypical modifications in creeping-rooted alfalfa types. <i>Plant Cell Reports</i> , 1995, 14, 488-92. | 5.6 | 14 |
| 24 | MsJ1, an alfalfa DnaJ-like gene, is tissue-specific and transcriptionally regulated during cell cycle. <i>Plant Molecular Biology</i> , 1999, 40, 397-408. | 3.9 | 13 |
| 25 | Genome-Wide Identification of WRKY Genes in <i>Artemisia annua</i> : Characterization of a Putative Ortholog of AtWRKY40. <i>Plants</i> , 2020, 9, 1669. | 3.5 | 13 |
| 26 | Emerging Role of the Ubiquitin Proteasome System in the Control of Shoot Apical Meristem Function. <i>Journal of Integrative Plant Biology</i> , 2013, 55, 7-20. | 8.5 | 9 |
| 27 | Transcription Factor Networks in Leaves of <i>Cichorium endivia</i> : New Insights into the Relationship between Photosynthesis and Leaf Development. <i>Plants</i> , 2019, 8, 531. | 3.5 | 9 |
| 28 | Two β -zeins induce the unfolded protein response. <i>Plant Physiology</i> , 2021, 187, 1428-1444. | 4.8 | 7 |
| 29 | NMR-metabolic methodology in the study of GM foods. <i>Nutrients</i> , 2010, 2, 1-15. | 4.1 | 3 |
| 30 | Plant Development and Organogenesis: From Basic Principles to Applied Research. <i>Plants</i> , 2019, 8, 299. | 3.5 | 1 |
| 31 | Somatic Embryogenesis in <i>Arabidopsis thaliana</i> Promoted by the Wuschel Homeodomain Protein. , 2003, , 279-281. | | 0 |