Daniele Rosellini

List of Publications by Year in descending order

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DANIELE ROSELLINI

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An overview of the last 10 years of genetically engineered crop safety research. Critical Reviews in Biotechnology, 2014, 34, 77-88. | 9.0 | 281 |
| 2 | Bacterial citrate synthase expression and soil aluminum tolerance in transgenic alfalfa. Plant Cell Reports, 2008, 27, 893-901. | 5.6 | 89 |
| 3 | Barley Genes as Tools to Confer Abiotic Stress Tolerance in Crops. Frontiers in Plant Science, 2016, 7, 1137. | 3.6 | 87 |
| 4 | Selectable Markers and Reporter Genes: A Well Furnished Toolbox for Plant Science and Genetic Engineering. Critical Reviews in Plant Sciences, 2012, 31, 401-453. | 5.7 | 62 |
| 5 | Non-antibiotic, efficient selection for alfalfa genetic engineering. Plant Cell Reports, 2007, 26, 1035-1044. | 5.6 | 46 |
| 6 | Molecular Tools for Exploring Polyploid Genomes in Plants. International Journal of Molecular Sciences, 2012, 13, 10316-10335. | 4.1 | 40 |
| 7 | Effects of heat shock and salinity on barley growth and stress-related gene transcription. Biologia Plantarum, 2015, 59, 537-546. | 1.9 | 29 |
| 8 | Quantitative ovule sterility in Medicago sativa. Theoretical and Applied Genetics, 1998, 97, 1289-1295. | 3.6 | 26 |
| 9 | Expression of female sterility in alfalfa (Medicago sativa L.). Sexual Plant Reproduction, 2003, 15, 271-279. | 2.2 | 26 |
| 10 | Expression of an evolved engineered variant of a bacterial glycine oxidase leads to glyphosate resistance in alfalfa. Journal of Biotechnology, 2014, 184, 201-208. | 3.8 | 26 |
| 11 | Characterization of transgenic male sterility in alfalfa. Euphytica, 2001, 118, 313-319. | 1.2 | 21 |
| 12 | Selectable marker genes from plants: reliability and potential. In Vitro Cellular and Developmental Biology - Plant, 2011, 47, 222-233. | 2.1 | 20 |
| 13 | A point mutation in the Medicago sativa GSA gene provides a novel, efficient, selectable marker for plant genetic engineering. Journal of Biotechnology, 2011, 156, 147-152. | 3.8 | 19 |
| 14 | Recurrent Selection for Microgametophytic Vigor in Alfalfa and Correlated Responses at the Sporophytic Level. Crop Science, 1994, 34, 933-936. | 1.8 | 15 |
| 15 | Kanamycin-resistant alfalfa has a point mutation in the 16S plastid rRNA. Plant Cell Reports, 2004, 22, 774-779. | 5.6 | 15 |
| 16 | Assessment of simple marker-free genetic transformation techniques in alfalfa. Plant Cell Reports, 2011, 30, 1991-2000. | 5.6 | 15 |
| 17 | Title is missing!. Euphytica, 1998, 99, 199-203. | 1.2 | 14 |
| 18 | Variation for Agronomic and Essential Oil Traits Among Wild Populations of Chamomilla recutita (L.) Rauschert from Central Italy. Journal of Herbs, Spices and Medicinal Plants, 2002, 9, 353-358. | 1.1 | 13 |

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|----|--|-----|-----------|
| 19 | Assessment of Heat Shock Protein 70 Induction by Heat in Alfalfa Varieties and Constitutive Overexpression in Transgenic Plants. PLoS ONE, 2015, 10, e0126051. | 2.5 | 12 |
| 20 | Gabaculine selection using bacterial and plant marker genes (GSA-AT) in durum wheat transformation. Plant Cell, Tissue and Organ Culture, 2012, 109, 447-455. | 2.3 | 11 |
| 21 | An Insight into T-DNA Integration Events in Medicago sativa. International Journal of Molecular Sciences, 2017, 18, 1951. | 4.1 | 8 |
| 22 | A mutant Synechococcus gene encoding glutamate 1-semialdehyde aminotransferase confers gabaculine resistance when expressed in tobacco plastids. Plant Cell Reports, 2015, 34, 2127-2136. | 5.6 | 7 |
| 23 | Molecular Identification of the "Facciuta Della Valnerina―Local Goat Population Reared in the Umbria Region, Italy. Animals, 2020, 10, 601. | 2.3 | 7 |
| 24 | Isolation of genes from female sterile flowers in Medicago sativa. Sexual Plant Reproduction, 2009, 22, 97-107. | 2.2 | 6 |
| 25 | Sexual Polyploidization in Medicago sativa L.: Impact on the Phenotype, Gene Transcription, and Genome Methylation. G3: Genes, Genomes, Genetics, 2016, 6, 925-938. | 1.8 | 6 |
| 26 | Genetic distinctiveness of a Protected Geographic Indication lentil landrace from the Umbria region, Italy, over 20Âyears. Genetic Resources and Crop Evolution, 2019, 66, 1483-1493. | 1.6 | 6 |
| 27 | DNA barcoding as a tool for early warning and monitoring alien duckweeds (<i>Lemna</i> sp.pl.): the case of Central Italy. Plant Biosystems, 2019, 153, 660-668. | 1.6 | 6 |
| 28 | Safe genetically engineered plants. Journal of Physics Condensed Matter, 2007, 19, 395005. | 1.8 | 5 |
| 29 | Development and Application of Biotechnological and Molecular Genetic Tools. , 2010, , 89-113. | | 5 |
| 30 | Copy Number Estimation of a Plant-Derived Selectable Marker Gene by High Resolution Melting Analysis: A Tool to Simplify Transgenic Plant Breeding. Crop Science, 2014, 54, 1133-1138. | 1.8 | 5 |
| 31 | Micropropagation of mother plants of lucerne (Medicago sativa L.) for somatic embryogenesis. Euphytica, 1996, 89, 193-200. | 1.2 | 4 |
| 32 | Molecular Genetics and Modification of Flowering and Reproductive Development. Developments in Plant Breeding, 2004, , 105-126. | 0.2 | 4 |
| 33 | Variation of DNA methylation and phenotypic traits following unilateral sexual polyploidization in Medicago. Euphytica, 2012, 186, 731-739. | 1.2 | 3 |
| 34 | Efficient, Antibiotic Marker-Free Transformation of a Dicot and a Monocot Crop with Glutamate 1-Semialdehyde Aminotransferase Selectable Marker Genes. Methods in Molecular Biology, 2016, 1385, 89-98. | 0.9 | 2 |
| 35 | Transfer of a mutant plant glutamate 1-semialdehyde aminotransferase gene from the nuclear to the plastid genome confers gabaculine resistance in tobacco. Plant Cell, Tissue and Organ Culture, 2019, 137, 411-416. | 2.3 | 1 |