

Daniele Rosellini

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

942
citations

566801

15
h-index

454577

30
g-index

35
all docs

35
docs citations

35
times ranked

1291
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of the last 10 years of genetically engineered crop safety research. <i>Critical Reviews in Biotechnology</i> , 2014, 34, 77-88.	5.1	281
2	Bacterial citrate synthase expression and soil aluminum tolerance in transgenic alfalfa. <i>Plant Cell Reports</i> , 2008, 27, 893-901.	2.8	89
3	Barley Genes as Tools to Confer Abiotic Stress Tolerance in Crops. <i>Frontiers in Plant Science</i> , 2016, 7, 1137.	1.7	87
4	Selectable Markers and Reporter Genes: A Well Furnished Toolbox for Plant Science and Genetic Engineering. <i>Critical Reviews in Plant Sciences</i> , 2012, 31, 401-453.	2.7	62
5	Non-antibiotic, efficient selection for alfalfa genetic engineering. <i>Plant Cell Reports</i> , 2007, 26, 1035-1044.	2.8	46
6	Molecular Tools for Exploring Polyploid Genomes in Plants. <i>International Journal of Molecular Sciences</i> , 2012, 13, 10316-10335.	1.8	40
7	Effects of heat shock and salinity on barley growth and stress-related gene transcription. <i>Biologia Plantarum</i> , 2015, 59, 537-546.	1.9	29
8	Quantitative ovule sterility in <i>Medicago sativa</i> . <i>Theoretical and Applied Genetics</i> , 1998, 97, 1289-1295.	1.8	26
9	Expression of female sterility in alfalfa (<i>Medicago sativa</i> L.). <i>Sexual Plant Reproduction</i> , 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. <i>Journal of Biotechnology</i> , 2014, 184, 201-208.	1.9	26
11	Characterization of transgenic male sterility in alfalfa. <i>Euphytica</i> , 2001, 118, 313-319.	0.6	21
12	Selectable marker genes from plants: reliability and potential. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2011, 47, 222-233.	0.9	20
13	A point mutation in the <i>Medicago sativa</i> GSA gene provides a novel, efficient, selectable marker for plant genetic engineering. <i>Journal of Biotechnology</i> , 2011, 156, 147-152.	1.9	19
14	Recurrent Selection for Microgametophytic Vigor in Alfalfa and Correlated Responses at the Sporophytic Level. <i>Crop Science</i> , 1994, 34, 933-936.	0.8	15
15	Kanamycin-resistant alfalfa has a point mutation in the 16S plastid rRNA. <i>Plant Cell Reports</i> , 2004, 22, 774-779.	2.8	15
16	Assessment of simple marker-free genetic transformation techniques in alfalfa. <i>Plant Cell Reports</i> , 2011, 30, 1991-2000.	2.8	15
17	Title is missing!. <i>Euphytica</i> , 1998, 99, 199-203.	0.6	14
18	Variation for Agronomic and Essential Oil Traits Among Wild Populations of <i>Chamomilla recutita</i> (L.) Rauschert from Central Italy. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2002, 9, 353-358.	0.5	13

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19	Assessment of Heat Shock Protein 70 Induction by Heat in Alfalfa Varieties and Constitutive Overexpression in Transgenic Plants. <i>PLoS ONE</i> , 2015, 10, e0126051.	1.1	12
20	Gabaculine selection using bacterial and plant marker genes (GSA-AT) in durum wheat transformation. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 109, 447-455.	1.2	11
21	An Insight into T-DNA Integration Events in <i>Medicago sativa</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 1951.	1.8	8
22	A mutant <i>Synechococcus</i> gene encoding glutamate 1-semialdehyde aminotransferase confers gabaculine resistance when expressed in tobacco plastids. <i>Plant Cell Reports</i> , 2015, 34, 2127-2136.	2.8	7
23	Molecular Identification of the "Facciuta Della Valnerina" Local Goat Population Reared in the Umbria Region, Italy. <i>Animals</i> , 2020, 10, 601.	1.0	7
24	Isolation of genes from female sterile flowers in <i>Medicago sativa</i> . <i>Sexual Plant Reproduction</i> , 2009, 22, 97-107.	2.2	6
25	Sexual Polyploidization in <i>Medicago sativa</i> L.: Impact on the Phenotype, Gene Transcription, and Genome Methylation. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 925-938.	0.8	6
26	Genetic distinctiveness of a Protected Geographic Indication lentil landrace from the Umbria region, Italy, over 20 years. <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 1483-1493.	0.8	6
27	DNA barcoding as a tool for early warning and monitoring alien duckweeds (<i>Lemna</i> sp.pl.): the case of Central Italy. <i>Plant Biosystems</i> , 2019, 153, 660-668.	0.8	6
28	Safe genetically engineered plants. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 395005.	0.7	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. <i>Crop Science</i> , 2014, 54, 1133-1138.	0.8	5
31	Micropropagation of mother plants of lucerne (<i>Medicago sativa</i> L.) for somatic embryogenesis. <i>Euphytica</i> , 1996, 89, 193-200.	0.6	4
32	Molecular Genetics and Modification of Flowering and Reproductive Development. <i>Developments in Plant Breeding</i> , 2004, , 105-126.	0.2	4
33	Variation of DNA methylation and phenotypic traits following unilateral sexual polyploidization in <i>Medicago</i> . <i>Euphytica</i> , 2012, 186, 731-739.	0.6	3
34	Efficient, Antibiotic Marker-Free Transformation of a Dicot and a Monocot Crop with Glutamate 1-Semialdehyde Aminotransferase Selectable Marker Genes. <i>Methods in Molecular Biology</i> , 2016, 1385, 89-98.	0.4	2
35	Transfer of a mutant plant glutamate 1-semialdehyde aminotransferase gene from the nuclear to the plastid genome confers gabaculine resistance in tobacco. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 137, 411-416.	1.2	1