

Jon Veramendi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3934638/publications.pdf>

Version: 2024-02-01

28
papers

945
citations

567281

15
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

914
citing authors

#	ARTICLE	IF	CITATIONS
1	High-yield expression of a viral peptide animal vaccine in transgenic tobacco chloroplasts. <i>Plant Biotechnology Journal</i> , 2004, 2, 141-153.	8.3	151
2	Human papillomavirus L1 protein expressed in tobacco chloroplasts self-assembles into virus-like particles that are highly immunogenic. <i>Plant Biotechnology Journal</i> , 2008, 6, 427-441.	8.3	125
3	Antisense Repression of Hexokinase 1 Leads to an Overaccumulation of Starch in Leaves of Transgenic Potato Plants But Not to Significant Changes in Tuber Carbohydrate Metabolism. <i>Plant Physiology</i> , 1999, 121, 123-134.	4.8	87
4	Potato hexokinase 2 complements transgenic <i>Arabidopsis</i> plants deficient in hexokinase 1 but does not play a key role in tuber carbohydrate metabolism. <i>Plant Molecular Biology</i> , 2002, 49, 491-501.	3.9	72
5	Induction of neutralizing antibodies by a tobacco chloroplast-derived vaccine based on a B cell epitope from canine parvovirus. <i>Virology</i> , 2005, 342, 266-275.	2.4	58
6	Remodeling of tobacco thylakoids by over-expression of maize plastidial transglutaminase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 1215-1222.	1.0	54
7	Plant growth-promoting traits of yeasts isolated from Spanish vineyards: benefits for seedling development. <i>Microbiological Research</i> , 2020, 237, 126480.	5.3	48
8	A chloroplast-derived <i>Toxoplasma gondii</i> GRA4 antigen used as an oral vaccine protects against toxoplasmosis in mice. <i>Plant Biotechnology Journal</i> , 2012, 10, 1136-1144.	8.3	43
9	Successful biocontrol of major postharvest and soil-borne plant pathogenic fungi by antagonistic yeasts. <i>Biological Control</i> , 2021, 160, 104683.	3.0	37
10	The fusion of <i>Toxoplasma gondii</i> SAG1 vaccine candidate to <i>Leishmania infantum</i> heat shock protein 83 kDa improves expression levels in tobacco chloroplasts. <i>Biotechnology Journal</i> , 2015, 10, 748-759.	3.5	34
11	Expression of recombinant proteins lacking methionine as N-terminal amino acid in plastids: Human serum albumin as a case study. <i>Journal of Biotechnology</i> , 2007, 127, 593-604.	3.8	24
12	Oxidative stress induced in tobacco leaves by chloroplast over-expression of maize plastidial transglutaminase. <i>Planta</i> , 2010, 232, 593-605.	3.2	24
13	Overexpression of thioredoxin m in tobacco chloroplasts inhibits the protein kinase STN7 and alters photosynthetic performance. <i>Journal of Experimental Botany</i> , 2019, 70, 1005-1016.	4.8	24
14	In vitro grown potato microtubers are a suitable system for the study of primary carbohydrate metabolism. <i>Plant Physiology and Biochemistry</i> , 1999, 37, 693-697.	5.8	21
15	Stable production of peptide antigens in transgenic tobacco chloroplasts by fusion to the p53 tetramerisation domain. <i>Transgenic Research</i> , 2010, 19, 703-709.	2.4	17
16	Influence of nitrogen supply on micropropagation and subsequent microtuberization of four potato cultivars. <i>American Potato Journal</i> , 1997, 74, 369-378.	0.3	15
17	Effect of physiological age of mother tuber and number of subcultures on in vitro tuberisation of potato (<i>Solanum tuberosum</i> L.). <i>Plant Cell Reports</i> , 1998, 17, 787-790.	5.6	15
18	Human papillomavirus-like particles vaccine efficiently produced in a non-fermentative system based on insect larva. <i>Protein Expression and Purification</i> , 2010, 74, 1-8.	1.3	14

#	ARTICLE	IF	CITATIONS
19	Over-expression of peptide deformylase in chloroplasts confers actinonin resistance, but is not a suitable selective marker system for plastid transformation. <i>Transgenic Research</i> , 2011, 20, 613-624.	2.4	14
20	Identification of new antifungal metabolites produced by the yeast <i>Metschnikowia pulcherrima</i> involved in the biocontrol of postharvest plant pathogenic fungi. <i>Postharvest Biology and Technology</i> , 2022, 192, 111995.	6.0	12
21	Increased bioethanol production from commercial tobacco cultivars overexpressing thioredoxin f grown under field conditions. <i>Molecular Breeding</i> , 2014, 34, 457-469.	2.1	11
22	Physiological performance of transplastomic tobacco plants overexpressing aquaporin AQP1 in chloroplast membranes. <i>Journal of Experimental Botany</i> , 2018, 69, 3661-3673.	4.8	11
23	Alteration by thioredoxin f over-expression of primary carbon metabolism and its response to elevated CO ₂ in tobacco (<i>Nicotiana tabacum</i> L.). <i>Environmental and Experimental Botany</i> , 2015, 118, 40-48.	4.2	10
24	Overexpression of thioredoxin m in chloroplasts alters carbon and nitrogen partitioning in tobacco. <i>Journal of Experimental Botany</i> , 2021, 72, 4949-4964.	4.8	9
25	NTRC and Thioredoxin f Overexpression Differentially Induces Starch Accumulation in Tobacco Leaves. <i>Plants</i> , 2019, 8, 543.	3.5	6
26	Heat treatment alleviates the growth and photosynthetic impairment of transplastomic plants expressing <i>Leishmania infantum</i> Hsp83-Toxoplasma gondii SAG1 fusion protein. <i>Plant Science</i> , 2019, 284, 117-126.	3.6	5
27	Functional Improvement of Human Cardiotrophin 1 Produced in Tobacco Chloroplasts by Co-Expression with Plastid Thioredoxin m. <i>Plants</i> , 2020, 9, 183.	3.5	3
28	Post-harvest light treatment increases expression levels of recombinant proteins in transformed plastids of potato tubers. <i>Biotechnology Journal</i> , 2015, 10, 1803-1813.	3.5	1