

Oscar Vicente

List of Publications by Year in descending order

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165
papers

5,398
citations

76294

40
h-index

98753

67
g-index

177
all docs

177
docs citations

177
times ranked

4701
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and antioxidant responses triggered by water stress in wild relatives of eggplant. <i>Scientia Horticulturae</i> , 2022, 293, 110685.	1.7	17
2	Physiological and Biochemical Responses to Water Stress and Salinity of the Invasive Moth Plant, <i>Araujia sericifera</i> Brot., during Seed Germination and Vegetative Growth. <i>Agronomy</i> , 2022, 12, 361.	1.3	6
3	Biological Traits and Genetic Relationships Amongst Cultivars of Three Species of <i>Tagetes</i> (Asteraceae). <i>Plants</i> , 2022, 11, 760.	1.6	6
4	Essential Oils of Three Aromatic Plant Species as Natural Herbicides for Environmentally Friendly Agriculture. <i>Sustainability</i> , 2022, 14, 3596.	1.6	6
5	Effect of acetylsalicylic acid and ammonium sulphate on productive and physiological parameters in <i>Stipa caudata</i> under water shortage conditions. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2022, 50, 12645.	0.5	0
6	Recovery from Salinity and Drought Stress in the Perennial <i>Sarcocornia fruticosa</i> vs. the Annual <i>Salicornia europaea</i> and <i>S. veneta</i> . <i>Plants</i> , 2022, 11, 1058.	1.6	14
7	Constitutive and Adaptive Traits of Environmental Stress Tolerance in the Threatened Halophyte <i>Limonium angustibracteatum</i> Erben (Plumbaginaceae). <i>Plants</i> , 2022, 11, 1137.	1.6	3
8	Effects of Four-Week Exposure to Salt Treatments on Germination and Growth of Two <i>Amaranthus</i> Species. <i>Soil Systems</i> , 2022, 6, 57.	1.0	6
9	Adaptive responses to drought of two <i>Retama raetam</i> subspecies from Tunisia. <i>Journal of Plant Ecology</i> , 2021, 14, 527-540.	1.2	1
10	A brief overview of global biotechnology. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, S5-S14.	0.5	14
11	Constitutive and Induced Salt Tolerance Mechanisms and Potential Uses of <i>Limonium</i> Mill. Species. <i>Agronomy</i> , 2021, 11, 413.	1.3	21
12	Agronomic Assessment of a Controlled-Release Polymer-Coated Urea-Based Fertilizer in Maize. <i>Plants</i> , 2021, 10, 594.	1.6	7
13	Modern Biotechnologies: Innovative and Sustainable Approaches for the Improvement of Sugarcane Tolerance to Environmental Stresses. <i>Agronomy</i> , 2021, 11, 1042.	1.3	36
14	Histology of maize seeds and young germinating embryos after liquid nitrogen exposure. <i>Romanian Biotechnological Letters</i> , 2021, 26, 2855-2861.	0.5	0
15	Effect of the Pesticide Endosulfan and Two Different Biostimulants on the Stress Responses of <i>Phaseolus leptostachyus</i> Plants Grown in a Saline Soil. <i>Agronomy</i> , 2021, 11, 1208.	1.3	3
16	Moderate and severe water stress effects on morphological and biochemical traits in a set of pepino (<i>Solanum muricatum</i>) cultivars. <i>Scientia Horticulturae</i> , 2021, 284, 110143.	1.7	5
17	Multidisciplinary studies supporting conservation programmes of two rare, endangered <i>Limonium</i> species from Spain. <i>Plant and Soil</i> , 2021, 466, 505-524.	1.8	2
18	Responses to Salinity in Four <i>Plantago</i> Species from Tunisia. <i>Plants</i> , 2021, 10, 1392.	1.6	13

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19	Unraveling Sorghum Allelopathy in Agriculture: Concepts and Implications. <i>Plants</i> , 2021, 10, 1795.	1.6	33
20	Comparative studies on the stress responses of two <i>Bupleurum</i> (Apiaceae) species in support of conservation programmes. <i>Environmental and Experimental Botany</i> , 2021, 191, 104616.	2.0	4
21	Responses to Increased Salinity and Severe Drought in the Eastern Iberian Endemic Species <i>Thalictrum maritimum</i> (Ranunculaceae), Threatened by Climate Change. <i>Plants</i> , 2020, 9, 1251.	1.6	5
22	Responses to Salt Stress in <i>Portulaca</i> : Insight into Its Tolerance Mechanisms. <i>Plants</i> , 2020, 9, 1660.	1.6	16
23	Role of active transport of potassium to leaves in the mechanisms of tolerance to salinity in common bean (<i>Phaseolus vulgaris</i> L.). <i>Notulae Scientia Biologicae</i> , 2020, 12, 447-459.	0.1	1
24	Enhanced Agronomic Efficiency Using a New Controlled-Released, Polymeric-Coated Nitrogen Fertilizer in Rice. <i>Plants</i> , 2020, 9, 1183.	1.6	32
25	Comparative Studies on the Physiological and Biochemical Responses to Salt Stress of Eggplant (<i>Solanum melongena</i>) and Its Rootstock <i>S. torvum</i> . <i>Agriculture (Switzerland)</i> , 2020, 10, 328.	1.4	18
26	Assessing the effects of in vitro imposed water stress on pineapple growth in relation to biochemical stress indicators using polynomial regression analysis. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2020, 48, 162-170.	0.5	4
27	Effects of Drought and Salinity on Two Commercial Varieties of <i>Lavandula angustifolia</i> Mill. <i>Plants</i> , 2020, 9, 637.	1.6	10
28	Physiological and Biochemical Responses to Salt Stress in Cultivated Eggplant (<i>Solanum melongena</i> L.) and in <i>S. insanum</i> L., a Close Wild Relative. <i>Agronomy</i> , 2020, 10, 651.	1.3	27
29	Genetic Relationships and Reproductive Traits of Romanian Populations of Silver Fir (<i>Abies alba</i>): Implications for the Sustainable Management of Local Populations. <i>Sustainability</i> , 2020, 12, 4199.	1.6	4
30	Physiological and morphological characterisation of <i>Limonium</i> species in their natural habitats: Insights into their abiotic stress responses. <i>Plant and Soil</i> , 2020, 449, 267-284.	1.8	16
31	The Use of Proline in Screening for Tolerance to Drought and Salinity in Common Bean (<i>Phaseolus</i>) Tj ETQq1 1 0.784314 rgBT/Overlo 1.3 57	1.3	57
32	New Eco-Friendly Polymeric-Coated Urea Fertilizers Enhanced Crop Yield in Wheat. <i>Agronomy</i> , 2020, 10, 438.	1.3	45
33	Responses to Water Deficit and Salt Stress in Silver Fir (<i>Abies alba</i> Mill.) Seedlings. <i>Forests</i> , 2020, 11, 395.	0.9	11
34	Antioxidant responses to drought and salinity in <i>Lavandula angustifolia</i> Mill.. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2020, 48, 1980-1992.	0.5	4
35	Growth of pineapple plantlets during acclimatisation can be monitored through automated image analysis of the canopy. <i>The EuroBiotech Journal</i> , 2020, 4, 223-229.	0.5	1
36	Creating Products and Services in Plant Biotechnology. , 2019, , 19-52.		2

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37	Responses to Drought in Seedlings of European Larch (<i>Larix decidua</i> Mill.) from Several Carpathian Provenances. <i>Forests</i> , 2019, 10, 511.	0.9	4
38	Morphological and Agronomic Characterization of Spanish Landraces of <i>Phaseolus vulgaris</i> L.. <i>Agriculture (Switzerland)</i> , 2019, 9, 149.	1.4	14
39	Developing innovative tools to support educational programmes in Biotechnology and Entrepreneurship. <i>Journal of Biotechnology</i> , 2019, 305, S8-S9.	1.9	0
40	Comparative analysis of the responses to water stress in eggplant (<i>Solanum melongena</i>) cultivars. <i>Plant Physiology and Biochemistry</i> , 2019, 143, 72-82.	2.8	41
41	Identification of Salt and Drought Biochemical Stress Markers in Several <i>Silene vulgaris</i> Populations. <i>Sustainability</i> , 2019, 11, 800.	1.6	19
42	Screening for Salt and Water Stress Tolerance in Fir (<i>Abies alba</i>) Populations. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2019, 47, 1063-1072.	0.5	5
43	Qualitative and Quantitative Differences in Osmolytes Accumulation and Antioxidant Activities in Response to Water Deficit in Four Mediterranean <i>Limonium</i> Species. <i>Plants</i> , 2019, 8, 506.	1.6	17
44	Insights on Salt Tolerance of Two Endemic <i>Limonium</i> Species from Spain. <i>Metabolites</i> , 2019, 9, 294.	1.3	19
45	Responses of succulents to drought: Comparative analysis of four <i>Sedum</i> (Crassulaceae) species. <i>Scientia Horticulturae</i> , 2019, 243, 235-242.	1.7	24
46	European Biotech Entrepreneur Profile: Case Studies. , 2019, , 251-258.		2
47	Auxins, auxin transport inhibitors, and competitors for auxin receptors do not show statistically significant differences in 212 molecular descriptors. <i>Romanian Biotechnological Letters</i> , 2019, 24, 407-411.	0.5	0
48	HPLC-DAD-ESI+MS phytochemical profiles of several <i>Rosmarinus Officinalis</i> accessions from Spain as influenced by different environmental stress conditions. <i>Studia Universitatis Babeş-Bolyai Chemia</i> , 2019, 64, 163-180.	0.1	1
49	Exposure of pineapple shoot tips to liquid nitrogen and cryostorage do not affect the histological status of regenerated plantlets. <i>Romanian Biotechnological Letters</i> , 2019, 24, 1061-1066.	0.5	1
50	Highly informative SSR genotyping reveals large genetic diversity and limited differentiation in European larch (<i>Larix decidua</i>) populations from Romania. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2018, 42, 165-175.	0.8	16
51	Biochemical Markers of Salt Stress in European Larch (<i>Larix decidua</i>). <i>Notulae Scientia Biologicae</i> , 2018, 10, 430-438.	0.1	4
52	Screening for Salt Tolerance in Four Local Varieties of <i>Phaseolus lunatus</i> from Spain. <i>Agriculture (Switzerland)</i> , 2018, 8, 201.	1.4	11
53	Effects of Drought and Salinity on European Larch (<i>Larix decidua</i> Mill.) Seedlings. <i>Forests</i> , 2018, 9, 320.	0.9	17
54	Variable Levels of Tolerance to Water Stress (Drought) and Associated Biochemical Markers in Tunisian Barley Landraces. <i>Molecules</i> , 2018, 23, 613.	1.7	25

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55	Comparative analysis of water deficit and salt tolerance mechanisms in <i>Silene</i> . <i>South African Journal of Botany</i> , 2018, 117, 193-206.	1.2	20
56	The genus <i>Portulaca</i> as a suitable model to study the mechanisms of plant tolerance to drought and salinity. <i>The EuroBiotech Journal</i> , 2018, 2, 104-113.	0.5	11
57	Biochemical responses to drought, at the seedling stage, of several Romanian Carpathian populations of Norway spruce (<i>Picea abies</i> L. Karst). <i>Trees - Structure and Function</i> , 2017, 31, 1479-1490.	0.9	18
58	Antioxidant responses under salinity and drought in three closely related wild monocots with different ecological optima. <i>AoB PLANTS</i> , 2017, 9, plx009.	1.2	78
59	Unraveling Salt Tolerance Mechanisms in Halophytes: A Comparative Study on Four Mediterranean Limonium Species with Different Geographic Distribution Patterns. <i>Frontiers in Plant Science</i> , 2017, 8, 1438.	1.7	65
60	Flavonoids: Antioxidant Compounds for Plant Defence... and for a Healthy Human Diet. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 46, 14-21.	0.5	44
61	Effects of salinity and drought on growth, ionic relations, compatible solutes and activation of antioxidant systems in oleander (<i>Nerium oleander</i> L.). <i>PLoS ONE</i> , 2017, 12, e0185017.	1.1	103
62	A Methodological Approach for Testing the Viability of Seeds Stored in Short-Term Seed Banks. <i>Notulae Scientia Biologicae</i> , 2017, 9, 563-570.	0.1	15
63	Comparative analysis of drought responses in <i>Phaseolus vulgaris</i> (common bean) and <i>P. coccineus</i> (runner bean) cultivars. <i>The EuroBiotech Journal</i> , 2017, 1, 247-252.	0.5	14
64	Cloning, Sequence Analysis and Expression Patterns during Seed Germination of a Rapeseed (<i>Brassica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T 435-444.	0.5	1
65	Salinity-Induced Variation in Biochemical Markers Provides Insight into the Mechanisms of Salt Tolerance in Common (<i>Phaseolus vulgaris</i>) and Runner (<i>P. coccineus</i>) Beans. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1582.	1.8	44
66	Mechanisms of Response to Salt Stress in Oleander (<i>Nerium oleander</i> L.). <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2016, 73, 249.	0.2	0
67	Drought responses in six hazelnut (<i>Corylus avellana</i> L.) cultivars. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2016, 73, 259.	0.2	0
68	Native-Invasive Plants vs. Halophytes in Mediterranean Salt Marshes: Stress Tolerance Mechanisms in Two Related Species. <i>Frontiers in Plant Science</i> , 2016, 7, 473.	1.7	45
69	Plant "molecular pharming"™. <i>Journal of Biotechnology</i> , 2016, 231, S6-S7.	1.9	0
70	Stress tolerance mechanisms in <i>Juncus</i> : responses to salinity and drought in three <i>Juncus</i> species adapted to different natural environments. <i>Functional Plant Biology</i> , 2016, 43, 949.	1.1	34
71	Proline and glycine betaine accumulation in two succulent halophytes under natural and experimental conditions. <i>Plant Biosystems</i> , 2016, 150, 904-915.	0.8	33
72	Contribution of Osmolyte Accumulation to Abiotic Stress Tolerance in Wild Plants Adapted to Different Stressful Environments. , 2016, , 13-25.		14

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73	Environmentally induced changes in antioxidant phenolic compounds levels in wild plants. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	1.0	68
74	Effects of Salt Stress on Three Ecologically Distinct <i>Plantago</i> Species. <i>PLoS ONE</i> , 2016, 11, e0160236.	1.1	60
75	Screening for drought tolerance in cultivars of the ornamental genus <i>Tagetes</i> (Asteraceae). <i>PeerJ</i> , 2016, 4, e2133.	0.9	34
76	Responses to Drought and Salinity in the Endangered Species <i>Ligularia sibirica</i> (L.) Cass.. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2016, 73, 252.	0.2	0
77	Identification of Discriminant Factors after Exposure of Maize and Common Bean Plantlets to Abiotic Stresses. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, 589-598.	0.5	6
78	Comparative Analysis of the Antioxidant Response to Salt Stress in <i>Inula crithmoides</i> and <i>Dittrichia viscosa</i> . <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2015, 72, .	0.2	0
79	Effects of Salt and Water Stress on Plant Growth and on Accumulation of Osmolytes and Antioxidant Compounds in Cherry Tomato. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, 1-11.	0.5	95
80	Identification of Salt Stress Biomarkers in Romanian Carpathian Populations of <i>Picea abies</i> (L.) Karst.. <i>PLoS ONE</i> , 2015, 10, e0135419.	1.1	27
81	Breeding and Domesticating Crops Adapted to Drought and Salinity: A New Paradigm for Increasing Food Production. <i>Frontiers in Plant Science</i> , 2015, 6, 978.	1.7	263
82	Anatomical Modifications in two <i>Juncus</i> Species under Salt Stress Conditions. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, 501-506.	0.5	6
83	Expression of the Vacuolar Na ⁺ /H ⁺ Antiporter Gene (NHX1) in Three <i>Plantago</i> Species Differing in Salt Tolerance. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2015, 72, .	0.2	0
84	Responses to Environmental Stress in Plants Adapted to Mediterranean Gypsum Habitats. <i>Notulae Scientia Biologicae</i> , 2015, 7, 37-44.	0.1	3
85	Responses to Environmental Stress in Plants Adapted to Mediterranean Gypsum Habitats. <i>Notulae Scientia Biologicae</i> , 2015, 7, .	0.1	4
86	Effects of Salt and Water Stress on Plant Growth and on Accumulation of Osmolytes and Antioxidant Compounds in Cherry Tomato. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, .	0.5	10
87	Identification of Discriminant Factors after Exposure of Maize and Common Bean Plantlets to Abiotic Stresses. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, .	0.5	1
88	Effects of Salt on Seed Germination and Seedling Growth of Three <i>Portulaca</i> Species. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2015, 72, .	0.2	1
89	Anatomical Modifications in two <i>Juncus</i> Species under Salt Stress Conditions. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, .	0.5	0
90	Drought Tolerance in Several <i>Tagetes</i> L. Cultivars. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2014, 71, .	0.2	3

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91	Growth and Reproductive Success under Saline Conditions of Three <i>Plantago</i> Species with Different Levels of Stress Tolerance. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2014, 42, .	0.5	7
92	Is salinity the main ecologic factor that shapes the distribution of two endemic Mediterranean plant species of the genus <i>Gypsophila</i> ?. <i>Plant and Soil</i> , 2014, 384, 363-379.	1.8	13
93	Responses of five Mediterranean halophytes to seasonal changes in environmental conditions. <i>AoB PLANTS</i> , 2014, 6, plu049-plu049.	1.2	68
94	Improving the abiotic stress tolerance of food crops. <i>Journal of Biotechnology</i> , 2014, 185, S5.	1.9	0
95	Physiological Changes and Osmoregulation in Several Romanian Spruce Populations Exposed to Salt and Drought Stress. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2014, 71, .	0.2	0
96	Environmental-dependent proline accumulation in plants living on gypsum soils. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 2193-2204.	1.0	10
97	Biotechnological applications of halophytes. <i>Current Opinion in Biotechnology</i> , 2013, 24, S25.	3.3	0
98	Are soluble carbohydrates ecologically relevant for salt tolerance in halophytes?. <i>Functional Plant Biology</i> , 2013, 40, 805.	1.1	92
99	Proline as a biochemical marker in relation to the ecology of two halophytic <i>Juncus</i> species. <i>Journal of Plant Ecology</i> , 2013, 6, 177-186.	1.2	47
100	Stress tolerance mechanisms in wild plants. <i>Journal of Biotechnology</i> , 2012, 161, 8.	1.9	0
101	Mitigation of Salt Stress-Induced Inhibition of <i>Plantago crassifolia</i> Reproductive Development by Supplemental Calcium or Magnesium. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2012, 40, 58.	0.5	37
102	Do Halophytes Really Require Salts for Their Growth and Development? An Experimental Approach. <i>Notulae Scientia Biologicae</i> , 2012, 4, 23-29.	0.1	47
103	Stress-tolerant Wild Plants: a Source of Knowledge and Biotechnological Tools for the Genetic Improvement of Stress Tolerance in Crop Plants. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2012, 40, 323.	0.5	13
104	Responses to salt stress in <i>Juncus acutus</i> and <i>J. maritimus</i> during seed germination and vegetative plant growth. <i>Plant Biosystems</i> , 2011, 145, 770-777.	0.8	36
105	Opportunistic Germination Behaviour of <i>Gypsophila</i> (Caryophyllaceae) in Two Priority Habitats from Semi-arid Mediterranean Steppes. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2011, 39, 18.	0.5	8
106	Soluble Carbohydrates as Osmolytes in Several Halophytes from a Mediterranean Salt Marsh. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2011, 39, 09.	0.5	58
107	Transgenic crops: Present status and future developments. <i>Current Opinion in Biotechnology</i> , 2011, 22, S22.	3.3	1
108	Plant responses to abiotic stress. <i>Current Opinion in Biotechnology</i> , 2011, 22, S130.	3.3	3

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109	Genetic variability in the endemic <i>Leucojum valentinum</i> . <i>Biologia Plantarum</i> , 2009, 53, 317-320.	1.9	7
110	Nuclear DNA content variation in <i>Halimium</i> and <i>Xolantha</i> (Cistaceae). <i>Plant Biosystems</i> , 2008, 142, 17-23.	0.8	3
111	In situ molecular identification of the Ntf4 MAPK expression sites in maturing and germinating pollen. <i>Biology of the Cell</i> , 2007, 99, 209-221.	0.7	12
112	Overexpression of <i>Arabidopsis thaliana</i> LTL1, a salt-induced gene encoding a GDSL-motif lipase, increases salt tolerance in yeast and transgenic plants. <i>Plant, Cell and Environment</i> , 2006, 29, 1890-1900.	2.8	113
113	Intragenomic diversity and phylogenetic systematics of wild rosemaries (<i>Rosmarinus officinalis</i> L. s.l.). <i>Tj ETQq1 1 0.784314 rgBT /Over</i> 262, 1-12. 0.3 27	0.3	27
114	Spitzer Mid-Infrared Spectroscopy of Ices toward Extincted Background Stars. <i>Astrophysical Journal</i> , 2005, 635, L145-L148.	1.6	106
115	Effects of salt stress on the reproductive biology of the halophyte <i>Plantago crassifolia</i> . <i>Biologia Plantarum</i> , 2005, 49, 141-143.	1.9	20
116	Development of a citrus genome-wide EST collection and cDNA microarray as resources for genomic studies. <i>Plant Molecular Biology</i> , 2005, 57, 375-391.	2.0	104
117	Responses to salt stress in the halophyte <i>Plantago crassifolia</i> (Plantaginaceae). <i>Journal of Arid Environments</i> , 2004, 58, 463-481.	1.2	138
118	Lithium treatment induces a hypersensitive-like response in tobacco. <i>Planta</i> , 2003, 217, 417-424.	1.6	43
119	Salt Stress Proteins Identified by a Functional Approach in Yeast. <i>Monatshefte für Chemie</i> , 2003, 134, 1445-1464.	0.9	19
120	FUNCTIONAL GENOMICS OF SALT TOLERANCE: THE YEAST OVEREXPRESSION APPROACH. <i>Acta Horticulturae</i> , 2003, , 31-38.	0.1	6
121	Intra- and Interspecific Variation in DNA Content in <i>Cistus</i> (Cistaceae). <i>Annals of Botany</i> , 2002, 90, 345-351.	1.4	52
122	The yeast SR protein kinase Sky1p modulates salt tolerance, membrane potential and the Trk1,2 potassium transporter. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1565, 36-40.	1.4	43
123	Expression of <i>Arabidopsis</i> SR-like splicing proteins confers salt tolerance to yeast and transgenic plants. <i>Plant Journal</i> , 2002, 30, 511-519.	2.8	72
124	Chromosome numbers, karyotypes and nuclear DNA contents from perennial polyploid groups of <i>Cerastium</i> (Caryophyllaceae). <i>Plant Systematics and Evolution</i> , 1999, 218, 13-21.	0.3	15
125	Ultrastructural distribution of a MAP kinase and transcripts in quiescent and cycling plant cells and pollen grains. <i>Journal of Cell Science</i> , 1999, 112, 1065-1076.	1.2	31
126	Evidence for the activation of a MAP kinase upon phosphate-induced cell cycle re-entry in tobacco cells. <i>Physiologia Plantarum</i> , 1998, 102, 532-538.	2.6	26

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127	A cell cycle regulated MAP kinase with a possible role in cytokinesis in tobacco cells. <i>Journal of Cell Science</i> , 1998, 111, 3091-3100.	1.2	121
128	A developmentally regulated MAP kinase activated by hydration in tobacco pollen.. <i>Plant Cell</i> , 1997, 9, 2093-2100.	3.1	99
129	Initiation of microspore embryogenesis by stress. <i>Trends in Plant Science</i> , 1997, 2, 297-302.	4.3	262
130	Stress-induced formation of haploid plants through anther culture in cork oak (<i>Quercus suber</i>). <i>Physiologia Plantarum</i> , 1997, 99, 335-341.	2.6	63
131	Efficient microspore embryogenesis in wheat (<i>Triticum aestivum</i> L.) induced by starvation at high temperature. <i>Sexual Plant Reproduction</i> , 1996, 9, 209-215.	2.2	159
132	Stress-induced microspore embryogenesis in tobacco: an optimized system for molecular studies. <i>Plant Cell Reports</i> , 1996, 15, 561-565.	2.8	100
133	Stress as the major signal controlling the developmental fate of tobacco microspores: towards a unified model of induction of microspore/pollen embryogenesis. <i>Planta</i> , 1996, 200, 144.	1.6	81
134	Bet v 1 proteins, the major birch pollen allergens and members of a family of conserved pathogenesis-related proteins, show ribonuclease activity in vitro. <i>Physiologia Plantarum</i> , 1996, 96, 433-438.	2.6	89
135	In Vitro Pollen Cultures: Progress and Perspectives. , 1996, , 85-109.		8
136	Stability in Ploidy Level During Somatic Embryogenesis in <i>Quercus Canariensis</i> . <i>Forestry Sciences</i> , 1996, , 23-28.	0.4	11
137	Stress-induced microspore embryogenesis in tobacco: an optimized system for molecular studies. <i>Plant Cell Reports</i> , 1996, 15, 561-565.	2.8	9
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