

Dominique Van Der Straeten

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6106624/publications.pdf>

Version: 2024-02-01

265
papers

18,110
citations

7551

77
h-index

16605

123
g-index

288
all docs

288
docs citations

288
times ranked

15726
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel panel of yeast assays for the assessment of thiamin and its biosynthetic intermediates in plant tissues. <i>New Phytologist</i> , 2022, 234, 748-763.	3.5	5
2	Mix-and-match: an improved, fast and accessible protocol for hypocotyl micrografting of Arabidopsis seedlings with systemic ACC responses as a case study. <i>Plant Methods</i> , 2022, 18, 24.	1.9	2
3	High-speed mapping of Hg and Se in biological tissue <i>via</i> laser ablation-inductively coupled plasma-mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1455-1461.	1.6	9
4	Foliar and Root Comparative Metabolomics and Phenolic Profiling of Micro-Tom Tomato (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Treatments. <i>Plants</i> , 2022, 11, 1829.	1.6	3
5	Regulation of Plant Vitamin Metabolism: Backbone of Biofortification for the Alleviation of Hidden Hunger. <i>Molecular Plant</i> , 2021, 14, 40-60.	3.9	25
6	An optimized LC-MS/MS method as a pivotal tool to steer thiamine biofortification strategies in rice. <i>Talanta</i> , 2021, 224, 121905.	2.9	5
7	Comparable canopy and soil free-living nitrogen fixation rates in a lowland tropical forest. <i>Science of the Total Environment</i> , 2021, 754, 142202.	3.9	10
8	The Diverse Salt-Stress Response of Arabidopsis <i>ctr1-1</i> and <i>ein2-1</i> Ethylene Signaling Mutants Is Linked to Altered Root Auxin Homeostasis. <i>Plants</i> , 2021, 10, 452.	1.6	10
9	Metabolic engineering of rice endosperm towards higher vitamin B1 accumulation. <i>Plant Biotechnology Journal</i> , 2021, 19, 1253-1267.	4.1	26
10	N-terminal truncated RHT-1 proteins generated by translational reinitiation cause semi-dwarfing of wheat Green Revolution alleles. <i>Molecular Plant</i> , 2021, 14, 679-687.	3.9	52
11	At the Crossroads of Survival and Death: The Reactive Oxygen Speciesâ€“Ethyleneâ€“Sugar Triad and the Unfolded Protein Response. <i>Trends in Plant Science</i> , 2021, 26, 338-351.	4.3	34
12	Metabolic engineering provides insight into the regulation of thiamin biosynthesis in plants. <i>Plant Physiology</i> , 2021, 186, 1832-1847.	2.3	10
13	Impact of Nutrient Additions on Freeâ€“Living Nitrogen Fixation in Litter and Soil of Two Frenchâ€“Guianese Lowland Tropical Forests. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2021, 126, e2020JG006023.	1.3	4
14	Cryptochromes are the dominant photoreceptors mediating heliotropic responses of Arabidopsis inflorescences. <i>Plant, Cell and Environment</i> , 2021, 44, 3246-3256.	2.8	4
15	The 5-formyl-tetrahydrofolate proteome links folates with C/N metabolism and reveals feedback regulation of folate biosynthesis. <i>Plant Cell</i> , 2021, 33, 3367-3385.	3.1	12
16	Imaging Mass Cytometry: A promising multiplex detection tool for plant science research. <i>Molecular Plant</i> , 2021, 14, 1241-1243.	3.9	3
17	Ethylene signaling in salt-stressed Arabidopsis <i>thaliana ein2-1</i> and <i>ctr1-1</i> mutants â€“ A dissection of molecular mechanisms involved in acclimation. <i>Plant Physiology and Biochemistry</i> , 2021, 167, 999-1010.	2.8	6
18	Regulation of nitrogen fixation from free-living organisms in soil and leaf litter of two tropical forests of the Guiana shield. <i>Plant and Soil</i> , 2020, 450, 93-110.	1.8	23

#	ARTICLE	IF	CITATIONS
19	Tools of the Ethylene Trade: A Chemical Kit to Influence Ethylene Responses in Plants and Its Use in Agriculture. <i>Small Methods</i> , 2020, 4, 1900267.	4.6	15
20	Phylogeny and Sequence Space: A Combined Approach to Analyze the Evolutionary Trajectories of Homologous Proteins. The Case Study of Aminodeoxychorismate Synthase. <i>Acta Biotheoretica</i> , 2020, 68, 139-156.	0.7	2
21	Multiplying the efficiency and impact of biofortification through metabolic engineering. <i>Nature Communications</i> , 2020, 11, 5203.	5.8	106
22	Ultraviolet Radiation From a Plant Perspective: The Plant-Microorganism Context. <i>Frontiers in Plant Science</i> , 2020, 11, 597642.	1.7	60
23	The involvement of the phytohormone ethylene in the adaptation of <i>Arabidopsis</i> rosettes to enhanced atmospheric carbon dioxide concentrations. <i>Environmental and Experimental Botany</i> , 2020, 177, 104128.	2.0	5
24	Editorial: Ethylene Biology and Beyond: Novel Insights in the Ethylene Pathway and Its Interactions. <i>Frontiers in Plant Science</i> , 2020, 11, 248.	1.7	2
25	The First Comprehensive LC-MS/MS Method Allowing Dissection of the Thiamine Pathway in Plants. <i>Analytical Chemistry</i> , 2020, 92, 4073-4081.	3.2	11
26	Unravelling the functions of biogenic volatiles in boreal and temperate forest ecosystems. <i>European Journal of Forest Research</i> , 2019, 138, 763-787.	1.1	53
27	Differential UVR8 Signal across the Stem Controls UV-B-Induced Inflorescence Phototropism. <i>Plant Cell</i> , 2019, 31, 2070-2088.	3.1	35
28	Determination of Phototropism by UV-B Radiation. <i>Methods in Molecular Biology</i> , 2019, 1924, 131-139.	0.4	2
29	UVR8-dependent reporters reveal spatial characteristics of signal spreading in plant tissues. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1030-1045.	1.6	11
30	Evolution of folate biosynthesis and metabolism across algae and land plant lineages. <i>Scientific Reports</i> , 2019, 9, 5731.	1.6	35
31	Clinical determination of folates: recent analytical strategies and challenges. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4383-4399.	1.9	9
32	The Ethylene Precursor ACC Affects Early Vegetative Development Independently of Ethylene Signaling. <i>Frontiers in Plant Science</i> , 2019, 10, 1591.	1.7	59
33	Silver ions increase plasma membrane permeability through modulation of intracellular calcium levels in tobacco BY-2 cells. <i>Plant Cell Reports</i> , 2018, 37, 809-818.	2.8	11
34	The plant hormone ethylene restricts <i>Arabidopsis</i> growth via the epidermis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4130-E4139.	3.3	127
35	An ultraviolet B condition that affects growth and defense in <i>Arabidopsis</i> . <i>Plant Science</i> , 2018, 268, 54-63.	1.7	40
36	Folate Biofortification of Potato by Tuber-Specific Expression of Four Folate Biosynthesis Genes. <i>Molecular Plant</i> , 2018, 11, 175-188.	3.9	49

#	ARTICLE	IF	CITATIONS
37	Following the star: Inflorescence heliotropism. <i>Environmental and Experimental Botany</i> , 2018, 147, 75-85.	2.0	8
38	From in planta Function to Vitamin-Rich Food Crops: The ACE of Biofortification. <i>Frontiers in Plant Science</i> , 2018, 9, 1862.	1.7	32
39	Insights into the Evolution of Multicellularity from the Sea Lettuce Genome. <i>Current Biology</i> , 2018, 28, 2921-2933.e5.	1.8	134
40	Toward Eradication of B-Vitamin Deficiencies: Considerations for Crop Biofortification. <i>Frontiers in Plant Science</i> , 2018, 9, 443.	1.7	41
41	The Chara Genome: Secondary Complexity and Implications for Plant Terrestrialization. <i>Cell</i> , 2018, 174, 448-464.e24.	13.5	420
42	Branching gene expression during chrysanthemum axillary bud outgrowth regulated by strigolactone and auxin transport. <i>Plant Growth Regulation</i> , 2018, 86, 23-36.	1.8	16
43	Ethylene induced plant stress tolerance by <i>Enterobacter</i> sp. SA187 is mediated by 2-oxo-3-methylthiobutyric acid production. <i>PLoS Genetics</i> , 2018, 14, e1007273.	1.5	95
44	Robust Plant Segmentation from Challenging Background with a Multiband Acquisition and a Supervised Machine Learning Algorithm. , 2018, , .		0
45	Regulation of seedling growth by ethylene and the ethylene-auxin crosstalk. <i>Planta</i> , 2017, 245, 467-489.	1.6	70
46	Constitutively Active Arabidopsis MAP Kinase 3 Triggers Defense Responses Involving Salicylic Acid and SUMM2 Resistance Protein. <i>Plant Physiology</i> , 2017, 174, 1238-1249.	2.3	57
47	Ethylene Controls Adventitious Root Initiation Sites in Arabidopsis Hypocotyls Independently of Strigolactones. <i>Journal of Plant Growth Regulation</i> , 2017, 36, 897-911.	2.8	29
48	Editorial overview: Biofortification of crops: achievements, future challenges, socio-economic, health and ethical aspects. <i>Current Opinion in Biotechnology</i> , 2017, 44, vii-x.	3.3	13
49	Ethylene. , 2017, , 403-410.		2
50	Folate biofortification in food crops. <i>Current Opinion in Biotechnology</i> , 2017, 44, 202-211.	3.3	78
51	Plant Ethylene Detection Using Laser-Based Photo-Acoustic Spectroscopy. <i>Methods in Molecular Biology</i> , 2017, 1573, 11-26.	0.4	4
52	Light quality regulates plant architecture in different genotypes of <i>Chrysanthemum morifolium</i> Ramat. <i>Scientia Horticulturae</i> , 2017, 218, 177-186.	1.7	18
53	Exploiting DELLA Signaling in Cereals. <i>Trends in Plant Science</i> , 2017, 22, 880-893.	4.3	115
54	Dihydrofolate Reductase/Thymidylate Synthase Fine-Tunes the Folate Status and Controls Redox Homeostasis in Plants. <i>Plant Cell</i> , 2017, 29, 2831-2853.	3.1	64

#	ARTICLE	IF	CITATIONS
55	Elongator regulates hypocotyl growth in darkness and during photomorphogenesis. <i>Journal of Cell Science</i> , 2017, 131, .	1.2	10
56	Multiple PPR protein interactions are involved in the RNA editing system in <i>Arabidopsis</i> mitochondria and plastids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8883-8888.	3.3	91
57	ACCERBATIN, a small molecule at the intersection of auxin and reactive oxygen species homeostasis with herbicidal properties. <i>Journal of Experimental Botany</i> , 2017, 68, 4185-4203.	2.4	7
58	Metabolic engineering of micronutrients in crop plants. <i>Annals of the New York Academy of Sciences</i> , 2017, 1390, 59-73.	1.8	38
59	Methods matter: a meta-regression on the determinants of willingness-to-pay studies on biofortified foods. <i>Annals of the New York Academy of Sciences</i> , 2017, 1390, 34-46.	1.8	32
60	The socioeconomics of genetically modified biofortified crops: a systematic review and meta-analysis. <i>Annals of the New York Academy of Sciences</i> , 2017, 1390, 14-33.	1.8	20
61	Accumulation and Transport of 1-Aminocyclopropane-1-Carboxylic Acid (ACC) in Plants: Current Status, Considerations for Future Research and Agronomic Applications. <i>Frontiers in Plant Science</i> , 2017, 8, 38.	1.7	105
62	Folates in Plants: Research Advances and Progress in Crop Biofortification. <i>Frontiers in Chemistry</i> , 2017, 5, 21.	1.8	141
63	Differential coupling of gibberellin responses by <i>Rht-B1c</i> suppressor alleles and <i>Rht-B1b</i> in wheat highlights a unique role for the DELLA N-terminus in dormancy. <i>Journal of Experimental Botany</i> , 2017, 68, erw471.	2.4	25
64	Real-Time Analysis of the Apical Hook Development. <i>Methods in Molecular Biology</i> , 2017, 1497, 1-8.	0.4	14
65	Optimization of non-denaturing protein extraction conditions for plant PPR proteins. <i>PLoS ONE</i> , 2017, 12, e0187753.	1.1	0
66	Consumer Acceptance and Willingness-to-Pay for Genetically Modified Foods with Enhanced Vitamin Levels. , 2016, , 195-206.		1
67	A Comparative Study of Ethylene Emanation upon Nitrogen Deficiency in Natural Accessions of <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 70.	1.7	9
68	Hormone-controlled UV-B responses in plants. <i>Journal of Experimental Botany</i> , 2016, 67, 4469-4482.	2.4	114
69	Response to strigolactone treatment in chrysanthemum axillary buds is influenced by auxin transport inhibition and sucrose availability. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	1.0	24
70	Transcriptome Profiling of the Green Alga <i>Spirogyra pratensis</i> (Charophyta) Suggests an Ancestral Role for Ethylene in Cell Wall Metabolism, Photosynthesis, and Abiotic Stress Responses. <i>Plant Physiology</i> , 2016, 172, 533-545.	2.3	52
71	Cell type specificity of plant hormonal signals: Case studies and reflections on ethylene. <i>Russian Journal of Plant Physiology</i> , 2016, 63, 577-586.	0.5	4
72	REPRESSOR OF ULTRAVIOLET-B PHOTOMORPHOGENESIS function allows efficient phototropin mediated ultraviolet-B phototropism in etiolated seedlings. <i>Plant Science</i> , 2016, 252, 215-221.	1.7	26

#	ARTICLE	IF	CITATIONS
73	A Model of Differential Growth-Guided Apical Hook Formation in Plants. <i>Plant Cell</i> , 2016, 28, 2464-2477.	3.1	53
74	Degradation and interconversion of plant pteridines during sample preparation and ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2016, 194, 1189-1198.	4.2	7
75	Change in Auxin and Cytokinin Levels Coincides with Altered Expression of Branching Genes during Axillary Bud Outgrowth in <i>Chrysanthemum</i> . <i>PLoS ONE</i> , 2016, 11, e0161732.	1.1	39
76	HORMONAL AND GENETIC REGULATION OF AXILLARY BUD OUTGROWTH IN <i>CHRYSANTHEMUM MORIFOLIUM</i> DURING FLORAL INITIATION. <i>Acta Horticulturae</i> , 2015, , 179-185.	0.1	1
77	Determination of Five Folate Monoglutamates in Rodent Diets. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10089-10095.	2.4	1
78	Folates from metabolically engineered rice: A long-term study in rats. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 490-500.	1.5	15
79	Strategies of seedlings to overcome their sessile nature: auxin in mobility control. <i>Frontiers in Plant Science</i> , 2015, 6, 218.	1.7	35
80	The Potential Market for GM Rice with Health Benefits in a Chinese High-Risk Region. <i>Journal of Food Products Marketing</i> , 2015, 21, 231-243.	1.4	15
81	Status and market potential of transgenic biofortified crops. <i>Nature Biotechnology</i> , 2015, 33, 25-29.	9.4	86
82	Ethylene signalling is mediating the early cadmium-induced oxidative challenge in <i>Arabidopsis thaliana</i> . <i>Plant Science</i> , 2015, 239, 137-146.	1.7	59
83	Ethylene biosynthesis is involved in the early oxidative challenge induced by moderate Cd exposure in <i>Arabidopsis thaliana</i> . <i>Environmental and Experimental Botany</i> , 2015, 117, 1-11.	2.0	41
84	ALTERNATIVE OXIDASE1a modulates the oxidative challenge during moderate Cd exposure in <i>Arabidopsis thaliana</i> leaves. <i>Journal of Experimental Botany</i> , 2015, 66, 2967-2977.	2.4	38
85	A validated ultra-high-performance liquid chromatography-tandem mass spectrometry method for the selective analysis of free and total folate in plasma and red blood cells. <i>Journal of Chromatography A</i> , 2015, 1398, 20-28.	1.8	20
86	Improving folate (vitamin B9) stability in biofortified rice through metabolic engineering. <i>Nature Biotechnology</i> , 2015, 33, 1076-1078.	9.4	140
87	Ethylene and Hormonal Cross Talk in Vegetative Growth and Development. <i>Plant Physiology</i> , 2015, 169, 61-72.	2.3	162
88	Ultraviolet-B radiation stimulates downward leaf curling in <i>Arabidopsis thaliana</i> . <i>Plant Physiology and Biochemistry</i> , 2015, 93, 9-17.	2.8	35
89	Genetically Modified Rice with Health Benefits as a Means to Reduce Micronutrient Malnutrition. , 2014, , 283-299.		12
90	1-aminocyclopropane-1-carboxylic acid (ACC) in plants: more than just the precursor of ethylene!. <i>Frontiers in Plant Science</i> , 2014, 5, 640.	1.7	213

#	ARTICLE	IF	CITATIONS
91	Differential Accumulation of ELONGATED HYPOCOTYL5 Correlates with Hypocotyl Bending to Ultraviolet-B Light. <i>Plant Physiology</i> , 2014, 166, 40-43.	2.3	15
92	Present and future of folate biofortification of crop plants. <i>Journal of Experimental Botany</i> , 2014, 65, 895-906.	2.4	98
93	Dynamic infrared imaging analysis of apical hook development in <i>Arabidopsis</i> : the case of brassinosteroids. <i>New Phytologist</i> , 2014, 202, 1398-1411.	3.5	31
94	Wounding stress causes rapid increase in concentration of the naturally occurring 2â€™,3â€™-isomers of cyclic guanosine- and cyclic adenosine monophosphate (cGMP and cAMP) in plant tissues. <i>Phytochemistry</i> , 2014, 103, 59-66.	1.4	53
95	Photoreceptor-Mediated Bending towards UV-B in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2014, 7, 1041-1052.	3.9	68
96	The <i>Arabidopsis thaliana</i> RNA Editing Factor SLO2, which Affects the Mitochondrial Electron Transport Chain, Participates in Multiple Stress and Hormone Responses. <i>Molecular Plant</i> , 2014, 7, 290-310.	3.9	99
97	Cadmium-induced ethylene production and responses in <i>Arabidopsis thaliana</i> rely on ACS2 and ACS6 gene expression. <i>BMC Plant Biology</i> , 2014, 14, 214.	1.6	152
98	Folate Profiling in Potato (<i>Solanum tuberosum</i>) Tubers by Ultrahigh-Performance Liquid Chromatographyâ€“Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3092-3100.	2.4	13
99	Conceptual framework for ex-ante evaluation at the micro/macro level of GM crops with health benefits. <i>Trends in Food Science and Technology</i> , 2014, 39, 116-134.	7.8	19
100	TR-DB: An open-access database of compounds affecting the ethylene-induced triple response in <i>Arabidopsis</i> . <i>Plant Physiology and Biochemistry</i> , 2014, 75, 128-137.	2.8	8
101	Engineering Complex Metabolic Pathways in Plants. <i>Annual Review of Plant Biology</i> , 2014, 65, 187-223.	8.6	117
102	Evaluating GM biofortified rice in areas with a high prevalence of folate deficiency. <i>International Journal of Biotechnology</i> , 2014, 13, 257.	1.2	1
103	Isolation and characterisation of an antifolate insensitive (<i>afi1</i>) mutant of <i>Arabidopsis thaliana</i> . <i>Plant Biology</i> , 2013, 15, 37-44.	1.8	4
104	Rice folate enhancement through metabolic engineering has an impact on rice seed metabolism, but does not affect the expression of the endogenous folate biosynthesis genes. <i>Plant Molecular Biology</i> , 2013, 83, 329-349.	2.0	29
105	ERF115 Controls Root Quiescent Center Cell Division and Stem Cell Replenishment. <i>Science</i> , 2013, 342, 860-863.	6.0	263
106	Brassinosteroid control of shoot gravitropism interacts with ethylene and depends on auxin signaling components. <i>American Journal of Botany</i> , 2013, 100, 215-225.	0.8	56
107	Multiple leaf tracking using computer vision methods with shape constraints. , 2013, , .		1
108	Xyloglucan endotransglucosylase/hydrolase (XTH) overexpression affects growth and cell wall mechanics in etiolated <i>Arabidopsis</i> hypocotyls. <i>Journal of Experimental Botany</i> , 2013, 64, 2481-2497.	2.4	108

#	ARTICLE	IF	CITATIONS
109	Enhancing pterin and para-aminobenzoate content is not sufficient to successfully biofortify potato tubers and <i>Arabidopsis thaliana</i> plants with folate. <i>Journal of Experimental Botany</i> , 2013, 64, 3899-3909.	2.4	53
110	How negative product attributes alter consumer perceptions of folate biofortified rice in a high risk region of China. <i>International Journal of Biotechnology</i> , 2013, 12, 269.	1.2	12
111	Biofortified Rice to Fight Folate Deficiency. , 2013, , 321-334.		1
112	Market Potential of Folate Biofortified Rice in China. , 2013, , 357-370.		0
113	Functional analysis of SLO2 provides new insight into the role of plant PPR proteins. <i>Plant Signaling and Behavior</i> , 2012, 7, 1209-1211.	1.2	6
114	Inhibition of p-Aminobenzoate and Folate Syntheses in Plants and Apicomplexan Parasites by Natural Product Rubreserine. <i>Journal of Biological Chemistry</i> , 2012, 287, 22367-22376.	1.6	18
115	Rosette Tracker: An Open Source Image Analysis Tool for Automatic Quantification of Genotype Effects. <i>Plant Physiology</i> , 2012, 160, 1149-1159.	2.3	123
116	Ex-ante Evaluation of Biotechnology Innovations: the Case of Folate Biofortified Rice in China. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 2751-2760.	0.9	17
117	A Simple Mass Balance Model for Lettuce - The Water Balance. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012, 45, 1442-1447.	0.4	1
118	Ethylene in vegetative development: a tale with a riddle. <i>New Phytologist</i> , 2012, 194, 895-909.	3.5	124
119	A model development approach to ensure identifiability of a simple mass balance model for photosynthesis and respiration in a plant growth chamber. <i>Ecological Modelling</i> , 2012, 246, 105-118.	1.2	5
120	A non-rigid registration method for multispectral imaging of plants. <i>Proceedings of SPIE</i> , 2012, , .	0.8	4
121	Selection and hydroponic growth of potato cultivars for bioregenerative life support systems. <i>Advances in Space Research</i> , 2012, 50, 156-165.	1.2	21
122	Potential impact and cost-effectiveness of multi-biofortified rice in China. <i>New Biotechnology</i> , 2012, 29, 432-442.	2.4	92
123	A folate independent role for cytosolic HPPK/DHPS upon stress in <i>Arabidopsis thaliana</i> . <i>Phytochemistry</i> , 2012, 73, 23-33.	1.4	23
124	SLO2, a mitochondrial pentatricopeptide repeat protein affecting several RNA editing sites, is required for energy metabolism. <i>Plant Journal</i> , 2012, 71, 836-849.	2.8	113
125	Developmental Stages in Dynamic Plant Growth Models. , 2011, , .		1
126	Hierarchy of hormone action controlling apical hook development in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2011, 67, 622-634.	2.8	92

#	ARTICLE	IF	CITATIONS
127	Evaluation of automated sample preparation, retention time locked gas chromatography–mass spectrometry and data analysis methods for the metabolomic study of Arabidopsis species. <i>Journal of Chromatography A</i> , 2011, 1218, 3247-3254.	1.8	37
128	XAP5 CIRCADIAN TIMEKEEPER Regulates Ethylene Responses in Aerial Tissues of Arabidopsis. <i>Plant Physiology</i> , 2011, 155, 988-999.	2.3	27
129	The Role of Brassinosteroids in Shoot Gravitropism. <i>Plant Physiology</i> , 2011, 156, 1331-1336.	2.3	34
130	Dissecting the Role of CHITINASE-LIKE1 in Nitrate-Dependent Changes in Root Architecture. <i>Plant Physiology</i> , 2011, 157, 1313-1326.	2.3	28
131	Apoplastic Alkalinization Is Instrumental for the Inhibition of Cell Elongation in the Arabidopsis Root by the Ethylene Precursor 1-Aminocyclopropane-1-Carboxylic Acid. <i>Plant Physiology</i> , 2011, 155, 2049-2055.	2.3	88
132	Leaf Segmentation and Tracking Using Probabilistic Parametric Active Contours. <i>Lecture Notes in Computer Science</i> , 2011, , 75-85.	1.0	15
133	Identification of simple mass balance models for plant growth - Towards food production on manned space missions. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2010, 43, 335-340.	0.4	4
134	Folates and Folic Acid: From Fundamental Research Toward Sustainable Health. <i>Critical Reviews in Plant Sciences</i> , 2010, 29, 14-35.	2.7	114
135	Ultra-performance liquid chromatography–tandem mass spectrometry (UPLC–MS/MS) for the sensitive determination of folates in rice. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 509-513.	1.2	56
136	Health impact in China of folate-biofortified rice. <i>Nature Biotechnology</i> , 2010, 28, 554-556.	9.4	47
137	Role of PIN-mediated auxin efflux in apical hook development of <i>Arabidopsis thaliana</i> . <i>Development (Cambridge)</i> , 2010, 137, 607-617.	1.2	297
138	The auxin influx carriers AUX1 and LAX3 are involved in auxin-ethylene interactions during apical hook development in <i>Arabidopsis thaliana</i> seedlings. <i>Development (Cambridge)</i> , 2010, 137, 597-606.	1.2	226
139	Plant Elongator regulates auxin-related genes during RNA polymerase II transcription elongation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1678-1683.	3.3	112
140	Willingness-to-accept and purchase genetically modified rice with high folate content in Shanxi Province, China. <i>Appetite</i> , 2010, 54, 118-125.	1.8	99
141	Tracking multiple objects using moving snakes. , 2009, , .		4
142	Ethylene levels are regulated by a plant encoded 1-aminocyclopropane-1-carboxylic acid deaminase. <i>Physiologia Plantarum</i> , 2009, 136, 94-109.	2.6	67
143	C1 metabolism and chlorophyll synthesis: the Mg-protoporphyrin IX methyltransferase activity is dependent on the folate status. <i>New Phytologist</i> , 2009, 182, 137-145.	3.5	51
144	Multi-sensor plant imaging: Towards the development of a stress catalogue. <i>Biotechnology Journal</i> , 2009, 4, 1152-1167.	1.8	90

#	ARTICLE	IF	CITATIONS
145	Optimisation and validation of a liquid chromatography-tandem mass spectrometry method for folates in rice. <i>Journal of Chromatography A</i> , 2008, 1215, 125-132.	1.8	54
146	Reduced gibberellin response affects ethylene biosynthesis and responsiveness in the Arabidopsis <i>gai eto2</i> double mutant. <i>New Phytologist</i> , 2008, 177, 128-141.	3.5	17
147	Folate biofortification in food plants. <i>Trends in Plant Science</i> , 2008, 13, 28-35.	4.3	112
148	Ethylene: Fine-tuning plant growth and development by stimulation and inhibition of elongation. <i>Plant Science</i> , 2008, 175, 59-70.	1.7	74
149	Novel mechanisms of ethylene-gibberellin crosstalk revealed by the <i>gai eto2-1</i> double mutant. <i>Plant Signaling and Behavior</i> , 2008, 3, 1113-1115.	1.2	18
150	A Genome-Wide and Metabolic Analysis Determined the Adaptive Response of Arabidopsis Cells to Folate Depletion Induced by Methotrexate. <i>Plant Physiology</i> , 2008, 148, 2083-2095.	2.3	41
151	Ethylene: Inhibitor and Stimulator of Plant Growth. <i>Plant Cell Monographs</i> , 2008, , 199-221.	0.4	1
152	Microtubules And The Control Of Cell Elongation In Arabidopsis Roots. NATO Science for Peace and Security Series C: Environmental Security, 2008, , 73-90.	0.1	5
153	Ethylene Upregulates Auxin Biosynthesis in Arabidopsis Seedlings to Enhance Inhibition of Root Cell Elongation. <i>Plant Cell</i> , 2007, 19, 2186-2196.	3.1	536
154	Regulation of One-Carbon Metabolism in Arabidopsis: The N-Terminal Regulatory Domain of Cystathionine β -Synthase Is Cleaved in Response to Folate Starvation. <i>Plant Physiology</i> , 2007, 145, 491-503.	2.3	53
155	Cytosolic Hydroxymethylidihydropterin Pyrophosphokinase/Dihydropteroate Synthase from Arabidopsis thaliana. <i>Journal of Biological Chemistry</i> , 2007, 282, 10749-10761.	1.6	36
156	Ethylene-induced Arabidopsis hypocotyl elongation is dependent on but not mediated by gibberellins. <i>Journal of Experimental Botany</i> , 2007, 58, 4269-4281.	2.4	64
157	Multicolor fluorescence imaging for early detection of the hypersensitive reaction to tobacco mosaic virus. <i>Journal of Plant Physiology</i> , 2007, 164, 253-262.	1.6	88
158	Monitoring and screening plant populations with combined thermal and chlorophyll fluorescence imaging. <i>Journal of Experimental Botany</i> , 2007, 58, 773-784.	2.4	215
159	The plant stress hormone ethylene controls floral transition via DELLA-dependent regulation of floral meristem-identity genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6484-6489.	3.3	334
160	Cryptochrome Blue Light Photoreceptors Are Activated through Interconversion of Flavin Redox States. <i>Journal of Biological Chemistry</i> , 2007, 282, 9383-9391.	1.6	349
161	To grow or not to grow: what can we learn on ethylene-gibberellin cross-talk by in silico gene expression analysis?. <i>Journal of Experimental Botany</i> , 2007, 59, 1-16.	2.4	63
162	Early detection of nutrient and biotic stress in <i>Phaseolus vulgaris</i> . <i>International Journal of Remote Sensing</i> , 2007, 28, 3479-3492.	1.3	52

#	ARTICLE	IF	CITATIONS
163	pH stability of individual folates during critical sample preparation steps in prevision of the analysis of plant folates. <i>Phytochemical Analysis</i> , 2007, 18, 496-508.	1.2	100
164	Effects of tetracycline on wild-type and inducible P35So IPT-5/TETR transgenic tobacco plants. <i>Physiologia Plantarum</i> , 2007, 130, 290-300.	2.6	6
165	Folate fortification of rice by metabolic engineering. <i>Nature Biotechnology</i> , 2007, 25, 1277-1279.	9.4	276
166	HY5 is a point of convergence between cryptochrome and cytokinin signalling pathways in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2007, 49, 428-441.	2.8	172
167	Characterization and expression analysis of the aspartic protease gene family of <i>Cynara cardunculus</i> L.. <i>FEBS Journal</i> , 2007, 274, 2523-2539.	2.2	28
168	Evolutionary conservation of plant gibberellin signalling pathway components. <i>BMC Plant Biology</i> , 2007, 7, 65.	1.6	93
169	One for All and All for One: Cross-Talk of Multiple Signals Controlling the Plant Phenotype. <i>Journal of Plant Growth Regulation</i> , 2007, 26, 178-187.	2.8	30
170	Chlorophyll fluorescence imaging for disease-resistance screening of sugar beet. <i>Plant Cell, Tissue and Organ Culture</i> , 2007, 91, 97-106.	1.2	61
171	A comparative analysis of the <i>Arabidopsis</i> mutant <i>amp1-1</i> and a novel weak <i>amp1</i> allele reveals new functions of the AMP1 protein. <i>Planta</i> , 2007, 225, 831-842.	1.6	23
172	Reciprocal influence of ethylene and gibberellins on response-gene expression in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2007, 226, 485-498.	1.6	23
173	regulating plant water status by stomatal control. , 2007, , 73-90.		2
174	Blue light dependence of <i>Arabidopsis</i> seedling ethylene responses. , 2007, , 95-100.		2
175	Auxin, ethylene and brassinosteroids: cross talk in the <i>Arabidopsis thaliana</i> hypocotyl. , 2007, , 115-117.		2
176	A PPR protein, required for normal plant development, may be involved in control of the ethylene pathway at the posttranscriptional level. , 2007, , 119-120.		0
177	Interactions with the ethylene pathway: a puzzle yet to be completed. , 2007, , 61-68.		0
178	Multispectral fluorescence and reflectance imaging at the leaf level and its possible applications. <i>Journal of Experimental Botany</i> , 2006, 58, 807-814.	2.4	137
179	Signal Crosstalk in the Control of Hypocotyl Elongation in <i>Arabidopsis</i> . <i>Plant Cell Monographs</i> , 2006, , 271-293.	0.4	3
180	Folates in plants: biosynthesis, distribution, and enhancement. <i>Physiologia Plantarum</i> , 2006, 126, 330-342.	2.6	110

#	ARTICLE	IF	CITATIONS
181	A new era in plant metabolism research reveals a bright future for bio-fortification and human nutrition. <i>Physiologia Plantarum</i> , 2006, 126, 289-290.	2.6	4
182	Research goals for folate and related B vitamin in Europe. <i>European Journal of Clinical Nutrition</i> , 2006, 60, 287-294.	1.3	35
183	Integration of Plant Responses to Environmentally Activated Phytohormonal Signals. <i>Science</i> , 2006, 311, 91-94.	6.0	1,304
184	Molecular and Pathotype Analysis of the Rice Blast Fungus in North Vietnam. <i>European Journal of Plant Pathology</i> , 2006, 114, 381-396.	0.8	53
185	Robotized Thermal and Chlorophyll Fluorescence Imaging of Pepper Mild Mottle Virus Infection in <i>Nicotiana benthamiana</i> . <i>Plant and Cell Physiology</i> , 2006, 47, 1323-1336.	1.5	52
186	A Hormone and Proteome Approach to Picturing the Initial Metabolic Events During <i>Plasmodiophora brassicae</i> Infection on <i>Arabidopsis</i> . <i>Molecular Plant-Microbe Interactions</i> , 2006, 19, 1431-1443.	1.4	133
187	Investigation of the extraction behavior of the main monoglutamate folates from spinach by liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1078, 59-66.	1.8	52
188	Regulation of cell length in the <i>Arabidopsis thaliana</i> root by the ethylene precursor 1-aminocyclopropane-1-carboxylic acid: a matter of apoplastic reactions. <i>New Phytologist</i> , 2005, 168, 541-550.	3.5	110
189	Integrative biology: dissecting cross-talk between plant signalling pathways. <i>Physiologia Plantarum</i> , 2005, 123, 109-109.	2.6	8
190	The transcription factor ATAF2 represses the expression of pathogenesis-related genes in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2005, 43, 745-757.	2.8	273
191	Tuning the pores: towards engineering plants for improved water use efficiency. <i>Trends in Biotechnology</i> , 2005, 23, 308-315.	4.9	86
192	Reaching out of the shade. <i>Current Opinion in Plant Biology</i> , 2005, 8, 462-468.	3.5	222
193	Of light and length: Regulation of hypocotyl growth in <i>Arabidopsis</i> . <i>BioEssays</i> , 2005, 27, 275-284.	1.2	139
194	Cell Elongation and Microtubule Behavior in the <i>Arabidopsis</i> Hypocotyl: Responses to Ethylene and Auxin. <i>Journal of Plant Growth Regulation</i> , 2005, 24, 166-178.	2.8	73
195	Identification of NPR1-Dependent and Independent Genes Early Induced by Salicylic Acid Treatment in <i>Arabidopsis</i> . <i>Plant Molecular Biology</i> , 2005, 59, 927-944.	2.0	93
196	Free and total para-aminobenzoic acid analysis in plants with high-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 963-969.	0.7	23
197	Design Approach of Closed Loop Food Systems in Space. , 2005, , .		2
198	Design of an On Ground Experimental Growth Unit (OGEU) for Space Applications. , 2005, , .		2

#	ARTICLE	IF	CITATIONS
199	The Arabidopsis mutant eer2 has enhanced ethylene responses in the light. <i>Journal of Experimental Botany</i> , 2005, 56, 2409-2420.	2.4	13
200	Auxin, Ethylene and Brassinosteroids: Tripartite Control of Growth in the Arabidopsis Hypocotyl. <i>Plant and Cell Physiology</i> , 2005, 46, 827-836.	1.5	146
201	Assessment of genetic diversity in <i>Tectona grandis</i> using amplified fragment length polymorphism markers. <i>Canadian Journal of Forest Research</i> , 2005, 35, 1017-1022.	0.8	34
202	Folate enhancement in staple crops by metabolic engineering. <i>Trends in Food Science and Technology</i> , 2005, 16, 271-281.	7.8	42
203	Ethylene Biosynthesis and Signaling: An Overview. <i>Vitamins and Hormones</i> , 2005, 72, 399-430.	0.7	64
204	Circadian Rhythms of Ethylene Emission in Arabidopsis. <i>Plant Physiology</i> , 2004, 136, 3751-3761.	2.3	147
205	Position and cell type-dependent microtubule reorientation characterizes the early response of the Arabidopsis root epidermis to ethylene. <i>Physiologia Plantarum</i> , 2004, 121, 513-519.	2.6	30
206	Transcriptional profiling by cDNA-AFLP and microarray analysis reveals novel insights into the early response to ethylene in Arabidopsis. <i>Plant Journal</i> , 2004, 39, 537-559.	2.8	122
207	<i>Lupinus albus</i> β -tubulin: mRNA and protein accumulation during development and in response to darkness. <i>Planta</i> , 2004, 219, 201-211.	1.6	2
208	Spatial and temporal analysis of the local response to wounding. <i>Plant Molecular Biology</i> , 2004, 55, 165-181.	2.0	120
209	Ethylene-mediated enhancement of apical hook formation in etiolated Arabidopsis thaliana seedlings is gibberellin dependent. <i>Plant Journal</i> , 2004, 37, 505-516.	2.8	134
210	Shaping the shoot: a circuitry that integrates multiple signals. <i>Trends in Plant Science</i> , 2004, 9, 499-506.	4.3	41
211	Thermal and Chlorophyll-Fluorescence Imaging Distinguish Plant-Pathogen Interactions at an Early Stage. <i>Plant and Cell Physiology</i> , 2004, 45, 887-896.	1.5	225
212	Molecular and Physiological Mechanisms of Flooding Avoidance and Tolerance in Rice. <i>Russian Journal of Plant Physiology</i> , 2003, 50, 743-751.	0.5	22
213	Light strongly promotes gene transfer from <i>Agrobacterium tumefaciens</i> to plant cells. <i>Planta</i> , 2003, 216, 580-586.	1.6	70
214	Robotized time-lapse imaging to assess in-planta uptake of phenylurea herbicides and their microbial degradation. <i>Physiologia Plantarum</i> , 2003, 118, 613-619.	2.6	33
215	Physiological and morphological evidence of brassinosteroid-biosynthesis inhibition by the fungicide imazalil. <i>Physiologia Plantarum</i> , 2003, 119, 69-77.	2.6	7
216	Growth and stomata development of Arabidopsis hypocotyls are controlled by gibberellins and modulated by ethylene and auxins. <i>Plant Journal</i> , 2003, 33, 989-1000.	2.8	164

#	ARTICLE	IF	CITATIONS
217	Determination of Total Folate in Plant Material by Chemical Conversion into para-Aminobenzoic Acid Followed by High Performance Liquid Chromatography Combined with On-Line Postcolumn Derivatization and Fluorescence Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 7872-7878.	2.4	27
218	The Arabidopsis Mutant <i>alh1</i> Illustrates a Cross Talk between Ethylene and Auxin. <i>Plant Physiology</i> , 2003, 131, 1228-1238.	2.3	95
219	Regulation of Submergence-induced Enhanced Shoot Elongation in <i>Oryza sativa</i> L.. <i>Annals of Botany</i> , 2003, 91, 263-270.	1.4	86
220	Ethylene and Auxin Control the Arabidopsis Response to Decreased Light Intensity. <i>Plant Physiology</i> , 2003, 133, 517-527.	2.3	166
221	Ethylene Regulates Arabidopsis Development via the Modulation of DELLA Protein Growth Repressor Function. <i>Plant Cell</i> , 2003, 15, 2816-2825.	3.1	391
222	Tissue Localization of a Submergence-Induced 1-Aminocyclopropane-1-Carboxylic Acid Synthase in Rice. <i>Plant Physiology</i> , 2002, 129, 72-84.	2.3	37
223	<title>Visualization of early stress responses in plant leaves</title>. , 2002, 4710, 417.		7
224	Thermographic visualization of cell death in tobacco and Arabidopsis. <i>Plant, Cell and Environment</i> , 2001, 24, 15-25.	2.8	84
225	Monitoring of isothiocyanates emanating from Arabidopsis thaliana upon paraquat spraying. <i>Journal of Chromatography A</i> , 2001, 912, 127-134.	1.8	13
226	Rapid induction of a novel ACC synthase gene in deepwater rice seedlings upon complete submergence. <i>Euphytica</i> , 2001, 121, 137-143.	0.6	34
227	Seeing is believing: imaging techniques to monitor plant health. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2001, 1519, 153-166.	2.4	167
228	In the Early Response of Arabidopsis Roots to Ethylene, Cell Elongation Is Up- and Down-Regulated and Uncoupled from Differentiation. <i>Plant Physiology</i> , 2001, 125, 519-522.	2.3	175
229	A Comparative Molecular-Physiological Study of Submergence Response in Lowland and Deepwater Rice. <i>Plant Physiology</i> , 2001, 125, 955-968.	2.3	124
230	Imaging techniques and the early detection of plant stress. <i>Trends in Plant Science</i> , 2000, 5, 495-501.	4.3	305
231	The expression pattern of the Arabidopsis ACC synthase gene 1 during rosette leaf development. <i>Journal of Experimental Botany</i> , 1999, 50, 1561-1566.	2.4	10
232	Hormonal cross-talk regulates the Arabidopsis thaliana 1-aminocyclopropane-1-carboxylate synthase gene 1 in a developmental and tissue-dependent manner. <i>Physiologia Plantarum</i> , 1999, 105, 312-320.	2.6	26
233	Presymptomatic visualization of plant-virus interactions by thermography. <i>Nature Biotechnology</i> , 1999, 17, 813-816.	9.4	167
234	A polymerase chain reaction-based screening method for transgenic Arabidopsis. <i>Genetic Analysis, Techniques and Applications</i> , 1999, 15, 1-4.	1.5	1

#	ARTICLE	IF	CITATIONS
235	Ethylene Signaling: More Players in the Game. , 1999, , 71-75.		4
236	Effects of Copper and Zinc on the Ethylene Production of Arabidopsis Thaliana. , 1999, , 333-338.		11
237	The trihelix DNA-binding motif in higher plants is not restricted to the transcription factors GT-1 and GT-2. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 3318-3322.	3.3	33
238	Ethylene and vegetative development. Physiologia Plantarum, 1997, 100, 593-605.	2.6	7
239	Ethylene can stimulate Arabidopsis hypocotyl elongation in the light. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 2756-2761.	3.3	284
240	Expression of three members of the ACC synthase gene family in deepwater rice by submergence, wounding and hormonal treatments. Plant Science, 1997, 124, 79-87.	1.7	29
241	Ethylene and vegetative development. Physiologia Plantarum, 1997, 100, 593-605.	2.6	123
242	An abscisic-acid- and salt-stress-responsive rice cDNA from a novel plant gene family. Planta, 1997, 202, 443-454.	1.6	90
243	Evidence for the nitrate-dependent spatial regulation of the nitrate reductase gene in chicory roots. Planta, 1996, 200, 20-27.	1.6	13
244	Salicylic acid enhances the activity of the alternative pathway of respiration in tobacco leaves and induces thermogenicity. Planta, 1995, 196, 412-419.	1.6	52
245	Characterization of three members of the ACC synthase gene family in Solanum tuberosum L.. Molecular Genetics and Genomics, 1995, 246, 496-508.	2.4	46
246	Molecular and Physiological Responses to Abscisic Acid and Salts in Roots of Salt-Sensitive and Salt-Tolerant Indica Rice Varieties. Plant Physiology, 1995, 107, 177-186.	2.3	241
247	A Group of Chromosomal Proteins Is Specifically Released by Spermine and Loses DNA-Binding Activity upon Phosphorylation. Plant Physiology, 1994, 106, 559-566.	2.3	40
248	The Arabidopsis 1-Aminocyclopropane-1-Carboxylate Synthase Gene 1 Is Expressed during Early Development.. Plant Cell, 1993, 5, 897-911.	3.1	122
249	The Arabidopsis 1-Aminocyclopropane-1-Carboxylate Synthase Gene 1 Is Expressed during Early Development. Plant Cell, 1993, 5, 897.	3.1	38
250	Genetic and Physiological Analysis of a New Locus in Arabidopsis That Confers Resistance to 1-Aminocyclopropane-1-Carboxylic Acid and Ethylene and Specifically Affects the Ethylene Signal Transduction Pathway. Plant Physiology, 1993, 102, 401-408.	2.3	74
251	Cloning and Expression Analysis of an Arabidopsis Thaliana 1-Aminocyclopropane-1-Carboxylate Synthase Gene: Pattern of Temporal and Spatial Expression. Current Plant Science and Biotechnology in Agriculture, 1993, , 24-30.	0.0	1
252	Cloning, genetic mapping, and expression analysis of an Arabidopsis thaliana gene that encodes 1-aminocyclopropane-1-carboxylate synthase.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 9969-9973.	3.3	99

#	ARTICLE	IF	CITATIONS
253	1-Aminocyclopropane-1-carboxylate synthase genes: Present and future. <i>Current Plant Science and Biotechnology in Agriculture</i> , 1992, , 731-737.	0.0	1
254	Tomato alcohol dehydrogenase. <i>FEBS Letters</i> , 1991, 295, 39-42.	1.3	30
255	Plant enolase: gene structure, expression, and evolution.. <i>Plant Cell</i> , 1991, 3, 719-735.	3.1	154
256	Plant Enolase: Gene Structure, Expression, and Evolution. <i>Plant Cell</i> , 1991, 3, 719.	3.1	26
257	The Molecular Basis of Ethylene Biosynthesis, Mode of Action, and Effects in Higher Plants. <i>Sub-Cellular Biochemistry</i> , 1991, 17, 279-326.	1.0	8
258	Cloning and sequence of two different cDNAs encoding 1-aminocyclopropane-1-carboxylate synthase in tomato.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 4859-4863.	3.3	209
259	Purification and partial characterization of 1-aminocyclopropane-1-carboxylate synthase from tomato pericarp. <i>FEBS Journal</i> , 1989, 182, 639-647.	0.2	32
260	Comparison between theoretical and experimental sampling efficiencies on Tenax GC. <i>Journal of Chromatography A</i> , 1985, 331, 207-218.	1.8	26
261	A Method for Fast and Pure DNA Elution from Agarose Gels by Centrifugal Filtration. <i>Nature Biotechnology</i> , 1985, 3, 1014-1016.	9.4	37
262	A Crop Selection Algorithm for Closed Loop Food Systems. , 0, , .		4
263	Survival of dried eukaryotes (anhydrobiotes) after exposure to very high temperatures. <i>Biological Journal of the Linnean Society</i> , 0, 93, 15-22.	0.7	27
264	Should GM Rice with Nutrition Benefits Be Deployed? Findings from Biotech and Socio-Economic Research. , 0, , 139-150.		2
265	Tomatoes supply the "sunshine vitamin"™. <i>Nature Plants</i> , 0, , .	4.7	1