

Jing-Quan Yu

List of Publications by Year in descending order

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185
papers

16,000
citations

12330

69
h-index

19190

118
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185
all docs

185
docs citations

185
times ranked

13762
citing authors

#	ARTICLE	IF	CITATIONS
1	Brassinosteroids' regulation of plant architecture. , 2022, , 43-57.		1
2	Lightâ€dependent activation of HY5 promotes mycorrhizal symbiosis in tomato by systemically regulating strigolactone biosynthesis. <i>New Phytologist</i> , 2022, 233, 1900-1914.	7.3	30
3	Melatonin delays darkâ€induced leaf senescence by inducing <i>miR171b</i> expression in tomato. <i>Journal of Pineal Research</i> , 2022, 72, .	7.4	22
4	S-Nitrosoglutathione Reductase Contributes to Thermotolerance by Modulating High Temperature-Induced Apoplastic H ₂ O ₂ in <i>Solanum lycopersicum</i> . <i>Frontiers in Plant Science</i> , 2022, 13, 862649.	3.6	0
5	Exogenous Rosmarinic Acid Application Enhances Thermotolerance in Tomatoes. <i>Plants</i> , 2022, 11, 1172.	3.5	6
6	The <i>miR164a</i> - <i>NAM3</i> module confers cold tolerance by inducing ethylene production in tomato. <i>Plant Journal</i> , 2022, 111, 440-456.	5.7	35
7	High Nitric Oxide Concentration Inhibits Photosynthetic Pigment Biosynthesis by Promoting the Degradation of Transcription Factor HY5 in Tomato. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6027.	4.1	6
8	Glucose sensing by regulator of G protein signaling 1 (<i>RGS1</i>) plays a crucial role in coordinating defense in response to environmental variation in tomato. <i>New Phytologist</i> , 2022, 236, 561-575.	7.3	8
9	Brassinosteroids promote starch synthesis and the implication in low-light stress tolerance in <i>Solanum lycopersicum</i> . <i>Environmental and Experimental Botany</i> , 2022, 201, 104990.	4.2	5
10	High CO ₂ and pathogen-driven expression of the carbonic anhydrase <i>CA3</i> confers basal immunity in tomato. <i>New Phytologist</i> , 2021, 229, 2827-2843.	7.3	26
11	Ethylene response factors 15 and 16 trigger jasmonate biosynthesis in tomato during herbivore resistance. <i>Plant Physiology</i> , 2021, 185, 1182-1197.	4.8	32
12	Nitrogen forms and metabolism affect plant defence to foliar and root pathogens in tomato. <i>Plant, Cell and Environment</i> , 2021, 44, 1596-1610.	5.7	37
13	Crosstalk between Brassinosteroid and Redox Signaling Contributes to the Activation of CBF Expression during Cold Responses in Tomato. <i>Antioxidants</i> , 2021, 10, 509.	5.1	16
14	The protein kinase CPK28 phosphorylates ascorbate peroxidase and enhances thermotolerance in tomato. <i>Plant Physiology</i> , 2021, 186, 1302-1317.	4.8	61
15	Brassinosteroid signaling integrates multiple pathways to release apical dominance in tomato. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	49
16	The phyâ€dependent induction of HY5 promotes iron uptake by systemically activating <i>FER</i> expression. <i>EMBO Reports</i> , 2021, 22, e51944.	4.5	37
17	ELONGATED HYPOCOTYL 5 mediates blue light-induced starch degradation in tomato. <i>Journal of Experimental Botany</i> , 2021, 72, 2627-2641.	4.8	21
18	Strigolactones positively regulate abscisic acid-dependent heat and cold tolerance in tomato. <i>Horticulture Research</i> , 2021, 8, 237.	6.3	47

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19	Rosmarinic Acid Delays Tomato Fruit Ripening by Regulating Ripening-Associated Traits. <i>Antioxidants</i> , 2021, 10, 1821.	5.1	14
20	BRASSINAZOLE RESISTANT 1 Mediates Brassinosteroid-Induced Calvin Cycle to Promote Photosynthesis in Tomato. <i>Frontiers in Plant Science</i> , 2021, 12, 811948.	3.6	10
21	Crosstalk of PIF4 and DELLA modulates CBF transcript and hormone homeostasis in cold response in tomato. <i>Plant Biotechnology Journal</i> , 2020, 18, 1041-1055.	8.3	65
22	Brassinosteroid-mediated reactive oxygen species are essential for tapetum degradation and pollen fertility in tomato. <i>Plant Journal</i> , 2020, 102, 931-947.	5.7	55
23	Melatonin promotes metabolism of bisphenol A by enhancing glutathione-dependent detoxification in <i>Solanum lycopersicum</i> L. <i>Journal of Hazardous Materials</i> , 2020, 388, 121727.	12.4	31
24	Light-induced HY5 Functions as a Systemic Signal to Coordinate the Photoprotective Response to Light Fluctuation. <i>Plant Physiology</i> , 2020, 184, 1181-1193.	4.8	20
25	The Chromosome-Scale Genome of Melon Dissects Genetic Architecture of Important Agronomic Traits. <i>IScience</i> , 2020, 23, 101422.	4.1	22
26	The <i>HY5</i> and <i>MYB15</i> transcription factors positively regulate cold tolerance in tomato via the <i>CBF</i> pathway. <i>Plant, Cell and Environment</i> , 2020, 43, 2712-2726.	5.7	56
27	Brassinosteroids act as a positive regulator of NBR1-dependent selective autophagy in response to chilling stress in tomato. <i>Journal of Experimental Botany</i> , 2020, 71, 1092-1106.	4.8	56
28	Transcriptomic and genetic approaches reveal an essential role of the NAC transcription factor SINAP1 in the growth and defense response of tomato. <i>Horticulture Research</i> , 2020, 7, 209.	6.3	37
29	Histone acetylation recruits the SWR1 complex to regulate active DNA demethylation in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16641-16650.	7.1	73
30	Tomato <i>GLR3.3</i> and <i>GLR3.5</i> mediate cold acclimation-induced chilling tolerance by regulating apoplastic H ₂ O ₂ production and redox homeostasis. <i>Plant, Cell and Environment</i> , 2019, 42, 3326-3339.	5.7	56
31	COP9 Signalosome CSN4 and CSN5 Subunits Are Involved in Jasmonate-Dependent Defense Against Root-Knot Nematode in Tomato. <i>Frontiers in Plant Science</i> , 2019, 10, 1223.	3.6	16
32	Systemic Root-Shoot Signaling Drives Jasmonate-Based Root Defense against Nematodes. <i>Current Biology</i> , 2019, 29, 3430-3438.e4.	3.9	89
33	Glutaredoxin S25 and its interacting TGACC motif-binding factor TGA2 mediate brassinosteroid-induced chlorothalonil metabolism in tomato plants. <i>Environmental Pollution</i> , 2019, 255, 113256.	7.5	28
34	Role of ethylene biosynthesis and signaling in elevated CO ₂ -induced heat stress response in tomato. <i>Planta</i> , 2019, 250, 563-572.	3.2	57
35	Brassinosteroids Act as a Positive Regulator of Photoprotection in Response to Chilling Stress. <i>Plant Physiology</i> , 2019, 180, 2061-2076.	4.8	90
36	A novel CO ₂ -responsive systemic signaling pathway controlling plant mycorrhizal symbiosis. <i>New Phytologist</i> , 2019, 224, 106-116.	7.3	28

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37	Strigolactones positively regulate defense against root-knot nematodes in tomato. <i>Journal of Experimental Botany</i> , 2019, 70, 1325-1337.	4.8	59
38	SlHY5 Integrates Temperature, Light, and Hormone Signaling to Balance Plant Growth and Cold Tolerance. <i>Plant Physiology</i> , 2019, 179, 749-760.	4.8	71
39	BZR1 Mediates Brassinosteroid-Induced Autophagy and Nitrogen Starvation in Tomato. <i>Plant Physiology</i> , 2019, 179, 671-685.	4.8	114
40	A Plant Phytosulfokine Peptide Initiates Auxin-Dependent Immunity through Cytosolic Ca ²⁺ Signaling in Tomato. <i>Plant Cell</i> , 2018, 30, 652-667.	6.6	120
41	The <i>Zip</i> transcription factor <i>HY5</i> mediates <i>CRY1a</i> -induced anthocyanin biosynthesis in tomato. <i>Plant, Cell and Environment</i> , 2018, 41, 1762-1775.	5.7	138
42	Heat Shock Factor HsfA1a Is Essential for <i>R</i> Gene-Mediated Nematode Resistance and Triggers H ₂ O ₂ Production ¹ . <i>Plant Physiology</i> , 2018, 176, 2456-2471.	4.8	52
43	Induction of systemic resistance in tomato against <i>Botrytis cinerea</i> by N-decanoyl-homoserine lactone via jasmonic acid signaling. <i>Planta</i> , 2018, 247, 1217-1227.	3.2	37
44	Tomato photorespiratory glycolate oxidase-derived H ₂ O ₂ production contributes to basal defence against <i>Pseudomonas syringae</i> . <i>Plant, Cell and Environment</i> , 2018, 41, 1126-1138.	5.7	28
45	Brassinosteroids act as a positive regulator for resistance against root-knot nematode involving RESPIRATORY BURST OXIDASE HOMOLOG-dependent activation of MAPKs in tomato. <i>Plant, Cell and Environment</i> , 2018, 41, 1113-1125.	5.7	59
46	Tomato <i>CRY1a</i> plays a critical role in the regulation of phytohormone homeostasis, plant development, and carotenoid metabolism in fruits. <i>Plant, Cell and Environment</i> , 2018, 41, 354-366.	5.7	44
47	Light Signaling-Dependent Regulation of Photoinhibition and Photoprotection in Tomato. <i>Plant Physiology</i> , 2018, 176, 1311-1326.	4.8	85
48	Brassinosteroid-mediated apoplastic <i>H₂O₂</i> glutaredoxin 12/14 cascade regulates antioxidant capacity in response to chilling in tomato. <i>Plant, Cell and Environment</i> , 2018, 41, 1052-1064.	5.7	95
49	Phytomelatonin: Recent advances and future prospects. <i>Journal of Pineal Research</i> , 2018, 65, e12526.	7.4	148
50	A Method of High Throughput Monitoring Crop Physiology Using Chlorophyll Fluorescence and Multispectral Imaging. <i>Frontiers in Plant Science</i> , 2018, 9, 407.	3.6	44
51	Glutaredoxin GRXS16 mediates brassinosteroid-induced apoplastic H ₂ O ₂ production to promote pesticide metabolism in tomato. <i>Environmental Pollution</i> , 2018, 240, 227-234.	7.5	37
52	BZR1 Transcription Factor Regulates Heat Stress Tolerance Through FERONIA Receptor-Like Kinase-Mediated Reactive Oxygen Species Signaling in Tomato. <i>Plant and Cell Physiology</i> , 2018, 59, 2239-2254.	3.1	91
53	The role of calcium-dependent protein kinase in hydrogen peroxide, nitric oxide and ABA-dependent cold acclimation. <i>Journal of Experimental Botany</i> , 2018, 69, 4127-4139.	4.8	73
54	HsfA1a upregulates melatonin biosynthesis to confer cadmium tolerance in tomato plants. <i>Journal of Pineal Research</i> , 2017, 62, e12387.	7.4	219

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55	Nitric oxide is involved in the oxytetracycline-induced suppression of root growth through inhibiting hydrogen peroxide accumulation in the root meristem. <i>Scientific Reports</i> , 2017, 7, 43096.	3.3	16
56	Crosstalk between Nitric Oxide and MPK1/2 Mediates Cold Acclimation-induced Chilling Tolerance in Tomato. <i>Plant and Cell Physiology</i> , 2017, 58, 1963-1975.	3.1	47
57	24-Epibrassinolide alleviates organic pollutants-retarded root elongation by promoting redox homeostasis and secondary metabolism in <i>Cucumis sativus</i> L. <i>Environmental Pollution</i> , 2017, 229, 922-931.	7.5	57
58	A novel ethylene responsive factor CitERF13 plays a role in photosynthesis regulation. <i>Plant Science</i> , 2017, 256, 112-119.	3.6	14
59	Importance of the mitochondrial alternative oxidase (AOX) pathway in alleviating photoinhibition in cucumber leaves under chilling injury and subsequent recovery when leaves are subjected to high light intensity. <i>Journal of Horticultural Science and Biotechnology</i> , 2017, 92, 31-38.	1.9	14
60	A New Strategy in Observer Modeling for Greenhouse Cucumber Seedling Growth. <i>Frontiers in Plant Science</i> , 2017, 8, 1297.	3.6	1
61	Detecting crop population growth using chlorophyll fluorescence imaging. <i>Applied Optics</i> , 2017, 56, 9762.	1.8	6
62	The critical role of autophagy in plant responses to abiotic stresses. <i>Frontiers of Agricultural Science and Engineering</i> , 2017, 4, 28.	1.4	9
63	Physiological and Transcriptome Responses to Combinations of Elevated CO ₂ and Magnesium in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2016, 11, e0149301.	2.5	19
64	Genome-Wide Identification and Expression Analysis of Calcium-dependent Protein Kinase in Tomato. <i>Frontiers in Plant Science</i> , 2016, 7, 469.	3.6	62
65	Brassinosteroid Ameliorates Zinc Oxide Nanoparticles-Induced Oxidative Stress by Improving Antioxidant Potential and Redox Homeostasis in Tomato Seedling. <i>Frontiers in Plant Science</i> , 2016, 7, 615.	3.6	84
66	Unraveling Main Limiting Sites of Photosynthesis under Below- and Above-Ground Heat Stress in Cucumber and the Alleviatory Role of Luffa Rootstock. <i>Frontiers in Plant Science</i> , 2016, 7, 746.	3.6	33
67	Melatonin mediates selenium-induced tolerance to cadmium stress in tomato plants. <i>Journal of Pineal Research</i> , 2016, 61, 291-302.	7.4	211
68	Apoplastic H ₂ O ₂ plays a critical role in axillary bud outgrowth by altering auxin and cytokinin homeostasis in tomato plants. <i>New Phytologist</i> , 2016, 211, 1266-1278.	7.3	49
69	Involvement of an ethylene response factor in chlorophyll degradation during citrus fruit degreening. <i>Plant Journal</i> , 2016, 86, 403-412.	5.7	130
70	Microarray and genetic analysis reveals that csa-miR159b plays a critical role in abscisic acid-mediated heat tolerance in grafted cucumber plants. <i>Plant, Cell and Environment</i> , 2016, 39, 1790-1804.	5.7	52
71	Grafting cucumber onto luffa improves drought tolerance by increasing ABA biosynthesis and sensitivity. <i>Scientific Reports</i> , 2016, 6, 20212.	3.3	57
72	Interplay between mitogen-activated protein kinase and nitric oxide in brassinosteroid-induced pesticide metabolism in <i>Solanum lycopersicum</i> . <i>Journal of Hazardous Materials</i> , 2016, 316, 221-231.	12.4	39

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73	<i>DWARF</i> overexpression induces alteration in phytohormone homeostasis, development, architecture and carotenoid accumulation in tomato. <i>Plant Biotechnology Journal</i> , 2016, 14, 1021-1033.	8.3	83
74	Overexpression of a brassinosteroid biosynthetic gene Dwarf enhances photosynthetic capacity through activation of Calvin cycle enzymes in tomato. <i>BMC Plant Biology</i> , 2016, 16, 33.	3.6	57
75	Glutathione-mediated regulation of nitric oxide, S-nitrosothiol and redox homeostasis confers cadmium tolerance by inducing transcription factors and stress response genes in tomato. <i>Chemosphere</i> , 2016, 161, 536-545.	8.2	111
76	Melatonin enhances thermotolerance by promoting cellular protein protection in tomato plants. <i>Journal of Pineal Research</i> , 2016, 61, 457-469.	7.4	216
77	Systemic induction of photosynthesis via illumination of the shoot apex is mediated by phytochrome B. <i>Plant Physiology</i> , 2016, 172, pp.01202.2016.	4.8	73
78	Neglecting legumes has compromised human health and sustainable food production. <i>Nature Plants</i> , 2016, 2, 16112.	9.3	529
79	Role of Hormones in Plant Adaptation to Heat Stress. , 2016, , 1-21.		23
80	Interactions between 2-Cys peroxiredoxins and ascorbate in autophagosome formation during the heat stress response in <i>Solanum lycopersicum</i> . <i>Journal of Experimental Botany</i> , 2016, 67, 1919-1933.	4.8	34
81	Phytochrome A and B Function Antagonistically to Regulate Cold Tolerance via Abscisic Acid-Dependent Jasmonate Signaling. <i>Plant Physiology</i> , 2016, 170, 459-471.	4.8	216
82	Guard cell hydrogen peroxide and nitric oxide mediate elevated CO ₂ -induced stomatal movement in tomato. <i>New Phytologist</i> , 2015, 208, 342-353.	7.3	95
83	Involvement of nitric oxide in the jasmonate-dependent basal defense against root-knot nematode in tomato plants. <i>Frontiers in Plant Science</i> , 2015, 6, 193.	3.6	57
84	Melatonin mitigates cadmium phytotoxicity through modulation of phytochelatins biosynthesis, vacuolar sequestration, and antioxidant potential in <i>Solanum lycopersicum</i> L. <i>Frontiers in Plant Science</i> , 2015, 6, 601.	3.6	278
85	Tomato HsfA1a plays a critical role in plant drought tolerance by activating <i>ATG</i> genes and inducing autophagy. <i>Autophagy</i> , 2015, 11, 2033-2047.	9.1	166
86	The relationship between the plant-encoded RNA-dependent RNA polymerase 1 and alternative oxidase in tomato basal defense against Tobacco mosaic virus. <i>Planta</i> , 2015, 241, 641-650.	3.2	18
87	Salicylic acid binding of mitochondrial alpha-ketoglutarate dehydrogenase E2 affects mitochondrial oxidative phosphorylation and electron transport chain components and plays a role in basal defense against tobacco mosaic virus in tomato. <i>New Phytologist</i> , 2015, 205, 1296-1307.	7.3	55
88	Characterization of the promoter and extended C-terminal domain of Arabidopsis WRKY33 and functional analysis of tomato WRKY33 homologues in plant stress responses. <i>Journal of Experimental Botany</i> , 2015, 66, 4567-4583.	4.8	86
89	Brassinosteroids play a critical role in the regulation of pesticide metabolism in crop plants. <i>Scientific Reports</i> , 2015, 5, 9018.	3.3	110
90	NPR1-dependent salicylic acid signaling is not involved in elevated CO ₂ -induced heat stress tolerance in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2015, 10, e1011944.	2.4	13

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91	RNA-seq analysis reveals the role of red light in resistance against <i>Pseudomonas syringae</i> pv. tomato DC3000 in tomato plants. <i>BMC Genomics</i> , 2015, 16, 120.	2.8	82
92	Phosphorus and magnesium interactively modulate the elongation and directional growth of primary roots in <i>Arabidopsis thaliana</i> (L.) Heynh. <i>Journal of Experimental Botany</i> , 2015, 66, 3841-3854.	4.8	35
93	Interplay between reactive oxygen species and hormones in the control of plant development and stress tolerance. <i>Journal of Experimental Botany</i> , 2015, 66, 2839-2856.	4.8	572
94	Enhanced photosynthetic capacity and antioxidant potential mediate brassinosteroid-induced phenanthrene stress tolerance in tomato. <i>Environmental Pollution</i> , 2015, 201, 58-66.	7.5	37
95	Antagonism between phytohormone signalling underlies the variation in disease susceptibility of tomato plants under elevated CO ₂ . <i>Journal of Experimental Botany</i> , 2015, 66, 1951-1963.	4.8	116
96	High atmospheric carbon dioxide-dependent alleviation of salt stress is linked to RESPIRATORY BURST OXIDASE 1 (<i>RBOH1</i>)-dependent H ₂ O ₂ production in tomato (<i>Solanum</i>) Tj ETQ 0 0 rg BT/Overlock	4.8	116
97	Application of 24-epibrassinolide decreases the susceptibility to cucumber mosaic virus in zucchini (<i>Cucurbita pepo</i> L). <i>Scientia Horticulturae</i> , 2015, 195, 116-123.	3.6	14
98	Light-induced systemic resistance in tomato plants against root-knot nematode <i>Meloidogyne incognita</i> . <i>Plant Growth Regulation</i> , 2015, 76, 167-175.	3.4	22
99	Tomato- <i>Pseudomonas syringae</i> interactions under elevated CO ₂ concentration: the role of stomata. <i>Journal of Experimental Botany</i> , 2015, 66, 307-316.	4.8	40
100	Role of Brassinosteroid in Plant Adaptation to Abiotic Stresses and its Interplay with Other Hormones. <i>Current Protein and Peptide Science</i> , 2015, 16, 462-473.	1.4	86
101	<i>Arabidopsis</i> LIP5, a Positive Regulator of Multivesicular Body Biogenesis, Is a Critical Target of Pathogen-Responsive MAPK Cascade in Plant Basal Defense. <i>PLoS Pathogens</i> , 2014, 10, e1004243.	4.7	90
102	E3 Ubiquitin Ligase CHIP and NBR1-Mediated Selective Autophagy Protect Additively against Proteotoxicity in Plant Stress Responses. <i>PLoS Genetics</i> , 2014, 10, e1004116.	3.5	127
103	<i>RBOH1</i> -dependent H ₂ O ₂ production and subsequent activation of MPK1/2 play an important role in acclimation-induced cross-tolerance in tomato. <i>Journal of Experimental Botany</i> , 2014, 65, 595-607.	4.8	129
104	Chloroplastic thioredoxin-f and thioredoxin-m1/4 play important roles in brassinosteroids-induced changes in CO ₂ assimilation and cellular redox homeostasis in tomato. <i>Journal of Experimental Botany</i> , 2014, 65, 4335-4347.	4.8	32
105	The perplexing role of autophagy in plant innate immune responses. <i>Molecular Plant Pathology</i> , 2014, 15, 637-645.	4.2	82
106	Role of H_2O_2 dynamics in brassinosteroid-induced stomatal closure and opening in <i>Solanum lycopersicum</i> . <i>Plant, Cell and Environment</i> , 2014, 37, 2036-2050.	5.7	139
107	Hydrogen peroxide mediates abscisic acid-induced HSP70 accumulation and heat tolerance in grafted cucumber plants. <i>Plant, Cell and Environment</i> , 2014, 37, 2768-2780.	5.7	135
108	The sub/supra-optimal temperature-induced inhibition of photosynthesis and oxidative damage in cucumber leaves are alleviated by grafting onto figleaf gourd/luffa rootstocks. <i>Physiologia Plantarum</i> , 2014, 152, 571-584.	5.2	39

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109	Effects of <i>Fusarium oxysporum</i> on rhizosphere microbial communities of two cucumber genotypes with contrasting <i>Fusarium</i> wilt resistance under hydroponic condition. <i>European Journal of Plant Pathology</i> , 2014, 140, 643-653.	1.7	10
110	H ₂ O ₂ mediates the crosstalk of brassinosteroid and abscisic acid in tomato responses to heat and oxidative stresses. <i>Journal of Experimental Botany</i> , 2014, 65, 4371-4383.	4.8	257
111	Role and regulation of autophagy in heat stress responses of tomato plants. <i>Frontiers in Plant Science</i> , 2014, 5, 174.	3.6	162
112	Plant-Soil Feedbacks and Soil Sickness: From Mechanisms to Application in Agriculture. <i>Journal of Chemical Ecology</i> , 2013, 39, 232-242.	1.8	248
113	Brassinosteroids accelerate recovery of photosynthetic apparatus from cold stress by balancing the electron partitioning, carboxylation and redox homeostasis in cucumber. <i>Physiologia Plantarum</i> , 2013, 148, 133-145.	5.2	107
114	Glutathione biosynthesis and regeneration play an important role in the metabolism of chlorothalonil in tomato. <i>Chemosphere</i> , 2013, 90, 2563-2570.	8.2	52
115	Role of brassinosteroids in alleviation of phenanthrene-cadmium co-contamination-induced photosynthetic inhibition and oxidative stress in tomato. <i>Journal of Experimental Botany</i> , 2013, 64, 199-213.	4.8	230
116	Flexible change and cooperation between mitochondrial electron transport and cytosolic glycolysis as the basis for chilling tolerance in tomato plants. <i>Planta</i> , 2013, 237, 589-601.	3.2	21
117	Protein-Protein Interactions in the Regulation of WRKY Transcription Factors. <i>Molecular Plant</i> , 2013, 6, 287-300.	8.3	276
118	Brassinosteroid alleviates polychlorinated biphenyls-induced oxidative stress by enhancing antioxidant enzymes activity in tomato. <i>Chemosphere</i> , 2013, 90, 2645-2653.	8.2	92
119	NBR1-Mediated Selective Autophagy Targets Insoluble Ubiquitinated Protein Aggregates in Plant Stress Responses. <i>PLoS Genetics</i> , 2013, 9, e1003196.	3.5	281
120	Stimulated Leaf Dark Respiration in Tomato in an Elevated Carbon Dioxide Atmosphere. <i>Scientific Reports</i> , 2013, 3, 3433.	3.3	72
121	Brassinosteroids-Induced Systemic Stress Tolerance was Associated with Increased Transcripts of Several Defence-Related Genes in the Phloem in <i>Cucumis sativus</i> . <i>PLoS ONE</i> , 2013, 8, e66582.	2.5	52
122	Cytokinin-Induced Parthenocarpic Fruit Development in Tomato Is Partly Dependent on Enhanced Gibberellin and Auxin Biosynthesis. <i>PLoS ONE</i> , 2013, 8, e70080.	2.5	79
123	The Role of Hydrogen Peroxide and Nitric Oxide in the Induction of Plant-Encoded RNA-Dependent RNA Polymerase 1 in the Basal Defense against Tobacco Mosaic Virus. <i>PLoS ONE</i> , 2013, 8, e76090.	2.5	45
124	Structural and Functional Analysis of VQ Motif-Containing Proteins in Arabidopsis as Interacting Proteins of WRKY Transcription Factors. <i>Plant Physiology</i> , 2012, 159, 810-825.	4.8	216
125	Brassinosteroid improves seed germination and early development of tomato seedling under phenanthrene stress. <i>Plant Growth Regulation</i> , 2012, 68, 87-96.	3.4	28
126	Interaction of Brassinosteroids and Polyamines Enhances Copper Stress Tolerance in <i>Raphanus Sativus</i> . <i>Journal of Experimental Botany</i> , 2012, 63, 5659-5675.	4.8	142

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127	Cellular glutathione redox homeostasis plays an important role in the brassinosteroid-induced increase in CO ₂ assimilation in <i>Cucumis sativus</i> . <i>New Phytologist</i> , 2012, 194, 932-943.	7.3	120
128	Brassinosteroids induce plant tolerance against phenanthrene by enhancing degradation and detoxification in <i>Solanum lycopersicum</i> L.. <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 28-36.	6.0	68
129	The growth, photosynthesis and antioxidant defense responses of five vegetable crops to phenanthrene stress. <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 132-139.	6.0	82
130	Hydrogen peroxide functions as a secondary messenger for brassinosteroids-induced CO ₂ assimilation and carbohydrate metabolism in <i>Cucumis sativus</i> . <i>Journal of Zhejiang University: Science B</i> , 2012, 13, 811-823.	2.8	45
131	Benefits of brassinosteroid crosstalk. <i>Trends in Plant Science</i> , 2012, 17, 594-605.	8.8	271
132	A Combined Approach of High-Throughput Sequencing and Degradome Analysis Reveals Tissue Specific Expression of MicroRNAs and Their Targets in Cucumber. <i>PLoS ONE</i> , 2012, 7, e33040.	2.5	113
133	Brassinosteroid alleviates phenanthrene and pyrene phytotoxicity by increasing detoxification activity and photosynthesis in tomato. <i>Chemosphere</i> , 2012, 86, 546-555.	8.2	110
134	Interactive effects of CO ₂ enrichment and brassinosteroid on CO ₂ assimilation and photosynthetic electron transport in <i>Cucumis sativus</i> . <i>Environmental and Experimental Botany</i> , 2012, 75, 98-106.	4.2	43
135	Temperature effects on the reactive oxygen species formation and antioxidant defence in roots of two cucurbit species with contrasting root zone temperature optima. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 713-720.	2.1	20
136	The reduction of reactive oxygen species formation by mitochondrial alternative respiration in tomato basal defense against TMV infection. <i>Planta</i> , 2012, 235, 225-238.	3.2	46
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