

Shu Yuan

List of Publications by Year in descending order

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145
papers

4,711
citations

101384

36
h-index

133063

59
g-index

151
all docs

151
docs citations

151
times ranked

5615
citing authors

#	ARTICLE	IF	CITATIONS
1	Radial transport difference mediated by root endodermal barriers contributes to differential cadmium accumulation between japonica and indica subspecies of rice (<i>Oryza sativa</i> L.). <i>Journal of Hazardous Materials</i> , 2022, 425, 128008.	6.5	17
2	Salicylate and glutamate mediate different Cd accumulation and tolerance between <i>Brassica napus</i> and <i>B. juncea</i> . <i>Chemosphere</i> , 2022, 292, 133466.	4.2	6
3	Arrhythmia may contribute to neuropsychiatric symptoms in COVID-19 patients. <i>Journal of Medical Virology</i> , 2022, 94, 1803-1807.	2.5	0
4	Relatively Low Light Intensity Promotes Phosphorus Absorption and Enhances the Ethylene Signaling Component EIN3 in Maize, Wheat, and Oilseed Rape. <i>Agronomy</i> , 2022, 12, 427.	1.3	3
5	Synergistic effects of biological nitrification inhibitor, urease inhibitor, and biochar on NH ₃ volatilization, N leaching, and nitrogen use efficiency in a calcareous soil-wheat system. <i>Applied Soil Ecology</i> , 2022, 174, 104412.	2.1	13
6	Effects of synthetic nitrification inhibitor (3,4-dimethylpyrazole phosphate; DMPP) and biological nitrification inhibitor (methyl 3-(4-hydroxyphenyl) propionate; MHPP) on the gross N nitrification rate and ammonia oxidizers in two contrasting soils. <i>Biology and Fertility of Soils</i> , 2022, 58, 333-344.	2.3	15
7	Abuse of amantadine in poultry may be associated with higher fatality rate of H5N1 infections in humans. <i>Journal of Medical Virology</i> , 2022, 94, 2588-2597.	2.5	4
8	Organic amendments enhance soil microbial diversity, microbial functionality and crop yields: A meta-analysis. <i>Science of the Total Environment</i> , 2022, 829, 154627.	3.9	42
9	Surface electrostatic shift on spike protein decreased antibody activities against SARS-CoV-2 Omicron variant. <i>Journal of Infection</i> , 2022, 85, 174-211.	1.7	4
10	Effects of biological nitrification inhibitor in regulating NH ₃ volatilization and fertilizer nitrogen recovery efficiency in soils under rice cropping. <i>Science of the Total Environment</i> , 2022, 838, 155857.	3.9	9
11	An acidic polysaccharide from <i>Oxalis corniculata</i> L. and the preliminary study on its antioxidant activity. <i>Journal of Food Biochemistry</i> , 2022, 46, e14235.	1.2	4
12	New insights into the role of melatonin in photosynthesis. <i>Journal of Experimental Botany</i> , 2022, 73, 5918-5927.	2.4	20
13	Abscisic acid-mediated modifications in water transport continuum are involved in cadmium hyperaccumulation in <i>Sedum alfredii</i> . <i>Chemosphere</i> , 2021, 268, 129339.	4.2	19
14	Melatonin: A Potential Agent in Delaying Leaf Senescence. <i>Critical Reviews in Plant Sciences</i> , 2021, 40, 1-22.	2.7	37
15	Chemical Composition, Antioxidant, Antimicrobial, and Phytotoxic Potential of <i>Eucalyptus grandis</i> & <i>E. urophylla</i> Leaves Essential Oils. <i>Molecules</i> , 2021, 26, 1450.	1.7	17
16	An integrated method to produce fermented liquid feed and biologically modified biochar as cadmium adsorbents using corn stalks. <i>Waste Management</i> , 2021, 127, 112-120.	3.7	23
17	Quantification of Cytokine Storms During Virus Infections. <i>Frontiers in Immunology</i> , 2021, 12, 659419.	2.2	37
18	Mitogen-Activated Protein Kinase MAPKKK7 from <i>Plasmodiophora brassicae</i> Regulates Low-Light-Dependent <i>Nicotiana benthamiana</i> Immunity. <i>Phytopathology</i> , 2021, 111, PHYTO-08-20-032.	1.1	1

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19	The Role of Alveolar Edema in COVID-19. <i>Cells</i> , 2021, 10, 1897.	1.8	18
20	Highly efficient and sustainable removal of Cr (VI) in aqueous solutions by photosynthetic bacteria supplemented with phosphor salts. <i>Chemosphere</i> , 2021, 283, 131031.	4.2	25
21	Ammonium regulates redox homeostasis and photosynthetic ability to mitigate copper toxicity in wheat seedlings. <i>Ecotoxicology and Environmental Safety</i> , 2021, 226, 112825.	2.9	6
22	Melatonin Enhanced the Tolerance of <i>Arabidopsis thaliana</i> to High Light Through Improving Anti-oxidative System and Photosynthesis. <i>Frontiers in Plant Science</i> , 2021, 12, 752584.	1.7	22
23	Shade Avoidance 3 Mediates Crosstalk Between Shade and Nitrogen in <i>Arabidopsis</i> Leaf Development. <i>Frontiers in Plant Science</i> , 2021, 12, 800913.	1.7	3
24	Identification of a novel mutant <i>spp1</i> that specifies the identity of inflorescence meristem in rice. <i>Plant Biosystems</i> , 2020, 154, 59-66.	0.8	0
25	Stimulation of heterotrophic nitrification and N ₂ O production, inhibition of autotrophic nitrification in soil by adding readily degradable carbon. <i>Journal of Soils and Sediments</i> , 2020, 20, 81-90.	1.5	15
26	Unique root exudate tartaric acid enhanced cadmium mobilization and uptake in Cd-hyperaccumulator <i>Sedum alfredii</i> . <i>Journal of Hazardous Materials</i> , 2020, 383, 121177.	6.5	91
27	Negative effects of urbanization on agricultural soil easily oxidizable organic carbon down the profile of the Chengdu Plain, China. <i>Land Degradation and Development</i> , 2020, 31, 404-416.	1.8	11
28	Cd-induced difference in root characteristics along root apex contributes to variation in Cd uptake and accumulation between two contrasting ecotypes of <i>Sedum alfredii</i> . <i>Chemosphere</i> , 2020, 243, 125290.	4.2	22
29	Effects of Stripe Rust Infection on the Levels of Redox Balance and Photosynthetic Capacities in Wheat. <i>International Journal of Molecular Sciences</i> , 2020, 21, 268.	1.8	13
30	How are annual CH ₄ , N ₂ O, and NO emissions from rice-wheat system affected by nitrogen fertilizer rate and type?. <i>Applied Soil Ecology</i> , 2020, 150, 103469.	2.1	33
31	Contribution of heavy metal in driving microbial distribution in a eutrophic river. <i>Science of the Total Environment</i> , 2020, 712, 136295.	3.9	29
32	Selenium Enhances Cadmium Accumulation Capability in Two Mustard Family Species— <i>Brassica napus</i> and <i>B. juncea</i> . <i>Plants</i> , 2020, 9, 904.	1.6	19
33	Privet golden leaves adapt unexpectedly well to light changes. <i>Horticulture Environment and Biotechnology</i> , 2020, 61, 673-683.	0.7	2
34	Nitrate reductase is a key enzyme responsible for nitrogen-regulated auxin accumulation in <i>Arabidopsis</i> roots. <i>Biochemical and Biophysical Research Communications</i> , 2020, 532, 633-639.	1.0	24
35	Iterative Monitoring of Temperatures in Confinement for Early Screening of SARS-CoV-2 Infections. <i>Frontiers in Medicine</i> , 2020, 7, 564377.	1.2	0
36	Vitamin E Is Superior to Vitamin C in Delaying Seedling Senescence and Improving Resistance in <i>Arabidopsis</i> Deficient in Macro-Elements. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7429.	1.8	7

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37	Allelochemical-driven N preference switch from NO ₃ ⁻ to NH ₄ ⁺ affecting plant growth of <i>Cunninghamia lanceolata</i> (Lamb.) Hook. <i>Plant and Soil</i> , 2020, 451, 419-434.	1.8	5
38	Delayed maize leaf senescence increases the land equivalent ratio of maize soybean relay intercropping system. <i>European Journal of Agronomy</i> , 2020, 118, 126092.	1.9	34
39	Do Humidity and Temperature Impact the Spread of the Novel Coronavirus?. <i>Frontiers in Public Health</i> , 2020, 8, 240.	1.3	50
40	Effect of Low Temperature on Chlorophyll Biosynthesis and Chloroplast Biogenesis of Rice Seedlings during Greening. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1390.	1.8	83
41	Analysis of Possible Intermediate Hosts of the New Coronavirus SARS-CoV-2. <i>Frontiers in Veterinary Science</i> , 2020, 7, 379.	0.9	24
42	Salicylic Acid Protects Photosystem II by Alleviating Photoinhibition in <i>Arabidopsis thaliana</i> under High Light. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1229.	1.8	27
43	Cadmium and lead mixtures are less toxic to the Chinese medicinal plant <i>Ligusticum chuanxiong</i> Hort. Than either metal alone. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110342.	2.9	26
44	Fine Mapping of a Locus Underlying the Ectopic Blade-Like Outgrowths on Leaf and Screening Its Candidate Genes in Rapeseed (<i>Brassica napus</i> L.). <i>Frontiers in Plant Science</i> , 2020, 11, 616844.	1.7	6
45	Novel QTL Conferring Phosphorus Acquisition and Utilization Efficiencies in Barley. <i>Frontiers in Genetics</i> , 2020, 11, 580452.	1.1	9
46	Genetic structure and variability of tobacco vein banding mosaic virus populations. <i>Archives of Virology</i> , 2019, 164, 2459-2467.	0.9	3
47	Different toxicities of nanoscale titanium dioxide particles in the roots and leaves of wheat seedlings. <i>RSC Advances</i> , 2019, 9, 19243-19252.	1.7	9
48	SlMYB75, an MYB-type transcription factor, promotes anthocyanin accumulation and enhances volatile aroma production in tomato fruits. <i>Horticulture Research</i> , 2019, 6, 22.	2.9	183
49	Exogenous Melatonin Alleviates Oxidative Damages and Protects Photosystem II in Maize Seedlings Under Drought Stress. <i>Frontiers in Plant Science</i> , 2019, 10, 677.	1.7	175
50	Effects of agricultural land use change on organic carbon and its labile fractions in the soil profile in an urban agricultural area. <i>Land Degradation and Development</i> , 2019, 30, 1875-1885.	1.8	41
51	Two-factor ANOVA of SSH and RNA-seq analysis reveal development-associated Pi-starvation genes in oilseed rape. <i>Planta</i> , 2019, 250, 1073-1088.	1.6	6
52	Nitrogen and nitric oxide regulate <i>Arabidopsis</i> flowering differently. <i>Plant Science</i> , 2019, 284, 177-184.	1.7	21
53	A Protochlorophyllide (Pchl _{id}) a Oxygenase for Plant Viability. <i>Frontiers in Plant Science</i> , 2019, 10, 593.	1.7	9
54	Narrow-wide row planting pattern improves the light environment and seed yields of intercrop species in relay intercropping system. <i>PLoS ONE</i> , 2019, 14, e0212885.	1.1	55

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55	Microwave-assisted extraction, physicochemical characterization and bioactivity of polysaccharides from <i>Camptotheca acuminata</i> fruits. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 127-136.	3.6	58
56	Antioxidant and immunomodulatory activities of polysaccharides from the rhizome of <i>Dryopteris crassirhizoma</i> Nakai. <i>International Journal of Biological Macromolecules</i> , 2019, 130, 238-244.	3.6	37
57	Perspective of Monitoring Heavy Metals by Moss Visible Chlorophyll Fluorescence Parameters. <i>Frontiers in Plant Science</i> , 2019, 10, 35.	1.7	20
58	Different tolerance of photosynthetic apparatus to Cd stress in two rice cultivars with the same leaf Cd accumulation. <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	1.0	12
59	The Low Molecular Mass Photosystem II Protein PsbTn Is Important for Light Acclimation. <i>Plant Physiology</i> , 2019, 179, 1739-1753.	2.3	16
60	Nitric oxide regulates chlorophyllide biosynthesis and singlet oxygen generation differently between <i>Arabidopsis</i> and barley. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 76, 6-15.	1.2	11
61	Exogenous melatonin enhances salt stress tolerance in maize seedlings by improving antioxidant and photosynthetic capacity. <i>Physiologia Plantarum</i> , 2018, 164, 349-363.	2.6	188
62	Antacidsâ€™ side effect hyperuricaemia could be alleviated by long-term aerobic exercise via accelerating ATP turnover rate. <i>Biomedicine and Pharmacotherapy</i> , 2018, 99, 18-24.	2.5	11
63	Comparison of Photosynthetic Characteristics and Antioxidant Systems in Different Wheat Strains. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 347-359.	2.8	23
64	Storage of C, N, and P affected by afforestation with <i>Salix cupularis</i> in an alpine semiarid desert ecosystem. <i>Land Degradation and Development</i> , 2018, 29, 188-198.	1.8	42
65	Biomonitoring chromium III or VI soluble pollution by moss chlorophyll fluorescence. <i>Chemosphere</i> , 2018, 194, 220-228.	4.2	23
66	Terrestrial Plants Evolve Highly Assembled Photosystem Complexes in Adaptation to Light Shifts. <i>Frontiers in Plant Science</i> , 2018, 9, 1811.	1.7	10
67	Comparison on Photosynthesis and Antioxidant Defense Systems in Wheat with Different Ploidy Levels and Octoploid Triticale. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3006.	1.8	28
68	Bacteriophage M13 May Be Used for the Assessment of Viral Transfer during Doffing of Ebola-Level Personal Protective Equipment. <i>Infection Control and Hospital Epidemiology</i> , 2018, 39, 762-763.	1.0	3
69	Auxin and Gibberellins Are Required for the Receptor-Like Kinase ERECTA Regulated Hypocotyl Elongation in Shade Avoidance in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 124.	1.7	21
70	Putative Connections Between Nitrate Reductase S-Nitrosylation and NO Synthesis Under Pathogen Attacks and Abiotic Stresses. <i>Frontiers in Plant Science</i> , 2018, 9, 474.	1.7	43
71	The roles of <i>Arabidopsis</i> proteins of Lhcb4, Lhcb5 and Lhcb6 in oxidative stress under natural light conditions. <i>Plant Physiology and Biochemistry</i> , 2018, 130, 267-276.	2.8	42
72	Carbon Dioxide, Odorants, Heat and Visible Cues Affect Wild Mosquito Landing in Open Spaces. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 86.	1.0	12

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73	Characterization of Five Molecular Markers for Pathotype Identification of the Clubroot Pathogen <i>Plasmodiophora brassicae</i> . <i>Phytopathology</i> , 2018, 108, 1486-1492.	1.1	13
74	Effects of nitrification inhibitors on gross N nitrification rate, ammonia oxidizers, and N ₂ O production under different temperatures in two pasture soils. <i>Environmental Science and Pollution Research</i> , 2018, 25, 28344-28354.	2.7	20
75	The Influence of Light Intensity and Leaf Movement on Photosynthesis Characteristics and Carbon Balance of Soybean. <i>Frontiers in Plant Science</i> , 2018, 9, 1952.	1.7	154
76	Improvements in treatment of children younger than age 5 years infected with Ebola virus. <i>Journal of Pediatrics</i> , 2017, 185, 251-252.	0.9	2
77	Changes in soil organic carbon and its active fractions in different desertification stages of alpine-cold grassland in the eastern Qinghai-Tibet Plateau. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	13
78	Nitric oxide induces monosaccharide accumulation through enzyme S-nitrosylation. <i>Plant, Cell and Environment</i> , 2017, 40, 1834-1848.	2.8	29
79	Light Regulates Transcription of Chlorophyll Biosynthetic Genes During Chloroplast Biogenesis. <i>Critical Reviews in Plant Sciences</i> , 2017, 36, 35-54.	2.7	25
80	Responses of photosystem II and antioxidative systems to high light and high temperature co-stress in wheat. <i>Environmental and Experimental Botany</i> , 2017, 135, 45-55.	2.0	66
81	Comparison of phosphorylation and assembly of photosystem complexes and redox homeostasis in two wheat cultivars with different drought resistance. <i>Scientific Reports</i> , 2017, 7, 12718.	1.6	29
82	Influence of lanthanum on microbial biomass C, P and C- and P-cycling enzyme activities in tea garden soil. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 700-709.	1.3	7
83	High Nitrogen Supply Induces Physiological Responsiveness to Long Photoperiod in Barley. <i>Frontiers in Plant Science</i> , 2017, 8, 569.	1.7	8
84	Effects of Melatonin on Anti-oxidative Systems and Photosystem II in Cold-Stressed Rice Seedlings. <i>Frontiers in Plant Science</i> , 2017, 8, 785.	1.7	177
85	Commentary: Teratogenic effects of the Zika virus and the role of the placenta. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 62.	1.8	6
86	Trehalose May Decrease the Transmission of Zika Virus to the Fetus by Activating Degradative Autophagy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 402.	1.8	11
87	Cell Death-Autophagy Loop and Glutamate-Glutamine Cycle in Amyotrophic Lateral Sclerosis. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 231.	1.4	16
88	Light intensity affects chlorophyll synthesis during greening process by metabolite signal from mitochondrial alternative oxidase in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2016, 39, 12-25.	2.8	66
89	Mitochondrion-Permeable Antioxidants to Treat ROS-Burst-Mediated Acute Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	56
90	Antifungal Activity of Eucalyptus Oil against Rice Blast Fungi and the Possible Mechanism of Gene Expression Pattern. <i>Molecules</i> , 2016, 21, 621.	1.7	24

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91	Mg-Protoporphyrin IX Signals Enhance Plant's Tolerance to Cold Stress. <i>Frontiers in Plant Science</i> , 2016, 7, 1545.	1.7	6
92	Different response of photosystem II to short and long-term drought stress in <i>Arabidopsis thaliana</i> . <i>Physiologia Plantarum</i> , 2016, 158, 225-235.	2.6	116
93	Pokeweed antiviral protein (PAP) increases plant systemic resistance to Tobacco mosaic virus infection in <i>Nicotiana benthamiana</i> . <i>European Journal of Plant Pathology</i> , 2016, 146, 541-549.	0.8	24
94	When should antiviral drugs be used for the patient with an Ebola virus infection?. <i>International Journal of Infectious Diseases</i> , 2016, 50, 21-22.	1.5	0
95	Comparison of methods for extracting thylakoid membranes of <i>Arabidopsis</i> plants. <i>Physiologia Plantarum</i> , 2016, 156, 3-12.	2.6	38
96	Nitrogen regulates CRY1 phosphorylation and circadian clock input pathways. <i>Plant Signaling and Behavior</i> , 2016, 11, e1219830.	1.2	6
97	Influence of ecological restoration on vegetation and soil microbiological properties in Alpine-cold semi-humid desertified land. <i>Ecological Engineering</i> , 2016, 94, 88-94.	1.6	36
98	<i>Arabidopsis</i> cryptochrome 1 functions in nitrogen regulation of flowering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7661-7666.	3.3	107
99	The Role of Secretory Autophagy in Zika Virus Transfer through the Placental Barrier. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 206.	1.8	62
100	Influence of stripe rust infection on the photosynthetic characteristics and antioxidant system of susceptible and resistant wheat cultivars at the adult plant stage. <i>Frontiers in Plant Science</i> , 2015, 6, 779.	1.7	61
101	Antiviral and antitumor activities of the lectin extracted from <i>Aspidistra elatior</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2015, 70, 7-13.	0.6	23
102	Prediction of the next highly pathogenic avian influenza pandemic that can cause illness in humans. <i>Infectious Diseases of Poverty</i> , 2015, 4, 50.	1.5	9
103	Biomonitoring heavy metal contaminations by moss visible parameters. <i>Journal of Hazardous Materials</i> , 2015, 296, 201-209.	6.5	48
104	Possible FDA-approved drugs to treat Ebola virus infection. <i>Infectious Diseases of Poverty</i> , 2015, 4, 23.	1.5	19
105	Statins May Decrease the Fatality Rate of Middle East Respiratory Syndrome Infection. <i>MBio</i> , 2015, 6, e01120.	1.8	90
106	The roles of tetrapyrroles in plastid retrograde signaling and tolerance to environmental stresses. <i>Planta</i> , 2015, 242, 1263-1276.	1.6	26
107	Ethyl methane sulfonate induces disease resistance in <i>Begonia hiemalis</i> Fotsch.. <i>Horticulture Environment and Biotechnology</i> , 2014, 55, 498-505.	0.7	5
108	Salicylic Acid and Jasmonic Acid Are Essential for Systemic Resistance Against Tobacco mosaic virus in <i>Nicotiana benthamiana</i> . <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 567-577.	1.4	173

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109	Plastid signals induce ALTERNATIVE OXIDASE expression to enhance the cold stress tolerance in <i>Arabidopsis thaliana</i> . <i>Plant Growth Regulation</i> , 2014, 74, 275-283.	1.8	16
110	The roles of two transcription factors, ABI4 and CBFA, in ABA and plastid signalling and stress responses. <i>Plant Molecular Biology</i> , 2013, 83, 445-458.	2.0	46
111	Comparative study of four rice cultivars with different levels of cadmium tolerance. <i>Biologia (Poland)</i> , 2013, 68, 74-81.	0.8	27
112	The significance of CP29 reversible phosphorylation in thylakoids of higher plants under environmental stresses. <i>Journal of Experimental Botany</i> , 2013, 64, 1167-1178.	2.4	38
113	Diverse Responses Are Involved in the Defence of <i>Arabidopsis thaliana</i> against Turnip Crinkle Virus. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2013, 68, 148-154.	0.6	3
114	A single leaf of <i>Camellia oleifera</i> has two types of carbon assimilation pathway, C3 and crassulacean acid metabolism. <i>Tree Physiology</i> , 2012, 32, 188-199.	1.4	10
115	Plastid-signalling-mediated anthocyanin accumulation in mature <i>Arabidopsis</i> rosettes. <i>Plant Growth Regulation</i> , 2012, 68, 223-230.	1.8	9
116	Assembly of NADPH:protochlorophyllide oxidoreductase complex is needed for effective greening of barley seedlings. <i>Journal of Plant Physiology</i> , 2012, 169, 1311-1316.	1.6	24
117	PROPYL GALLATE IS AN INHIBITOR TO TOMATO FRUIT RIPENING. <i>Journal of Food Biochemistry</i> , 2012, 36, 657-666.	1.2	6
118	Transient accumulation of Mg-protoporphyrin IX regulates expression of PhANGs – New evidence for the signaling role of tetrapyrroles in mature <i>Arabidopsis</i> plants. <i>Journal of Plant Physiology</i> , 2011, 168, 714-721.	1.6	54
119	Mammal Cells Double Their Total RNAs against Diabetes, Ischemia Reperfusion and Malaria-Induced Oxidative Stress. <i>Molecular Medicine</i> , 2011, 17, 533-541.	1.9	4
120	Plastid Signals Confer <i>Arabidopsis</i> Tolerance to Water Stress. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2011, 66, 47-54.	0.6	9
121	Mg-protoporphyrin, haem and sugar signals double cellular total RNA against herbicide and high-light-derived oxidative stress. <i>Plant, Cell and Environment</i> , 2011, 34, 1031-1042.	2.8	24
122	A broad-spectrum, efficient and nontransgenic approach to control plant viruses by application of salicylic acid and jasmonic acid. <i>Planta</i> , 2011, 233, 299-308.	1.6	70
123	The roles of ascorbic acid and glutathione in symptom alleviation to SA-deficient plants infected with RNA viruses. <i>Planta</i> , 2011, 234, 171-181.	1.6	81
124	Comparative expression analysis of dehydrins between two barley varieties, wild barley and Tibetan hulless barley associated with different stress resistance. <i>Acta Physiologiae Plantarum</i> , 2011, 33, 567-574.	1.0	37
125	Red blood cell extrudes nucleus and mitochondria against oxidative stress. <i>IUBMB Life</i> , 2011, 63, 560-565.	1.5	58
126	The higher expression levels of dehydroascorbate reductase and glutathione reductase in salicylic acid-deficient plants may contribute to their alleviated symptom infected with RNA viruses. <i>Plant Signaling and Behavior</i> , 2011, 6, 1402-1404.	1.2	7

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127	Plastid signals confer Arabidopsis tolerance to water stress. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2011, 66, 47-54.	0.6	4
128	Effects of Cadmium Stress on Alternative Oxidase and Photosystem II in Three Wheat Cultivars. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2010, 65, 87-94.	0.6	9
129	Difference of Physiological Characters in Dark Green Islands and Yellow Leaf Tissue of Cucumber mosaic Virus (CMV)-Infected Nicotiana tabacum Leaves. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2010, 65, 73-78.	0.6	21
130	The plastid hexokinase pHXK: A node of convergence for sugar and plastid signals in Arabidopsis. FEBS Letters, 2010, 584, 3573-3579.	1.3	43
131	Light Regulation to Chlorophyll Synthesis and Plastid Development of the Chlorophyll-Less Golden-Leaf Privet. Journal of Integrative Plant Biology, 2010, 52, 809-816.	4.1	19
132	Effects of light on cyanide-resistant respiration and alternative oxidase function in Arabidopsis seedlings. Plant, Cell and Environment, 2010, 33, 2121-2131.	2.8	81
133	Putative Mutation Mechanism and Light Responses of a Protochlorophyllide Oxidoreductase-Less Barley Mutant NYB. Plant and Cell Physiology, 2010, 51, 1361-1371.	1.5	13
134	Lack of Salicylic Acid in Arabidopsis Protects Plants against Moderate Salt Stress. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2009, 64, 231-238.	0.6	69
135	Dephosphorylation of photosystem II proteins and phosphorylation of CP29 in barley photosynthetic membranes as a response to water stress. Biochimica Et Biophysica Acta - Bioenergetics, 2009, 1787, 1238-1245.	0.5	55
136	In vitro plantlet regeneration system from rhizomes and mannose-binding lectin analysis of Polygonatum cyrtonema Hua.. Plant Cell, Tissue and Organ Culture, 2009, 99, 269-275.	1.2	8
137	Effect of two satellite RNAs on Nicotiana glutinosa infected with Cucumber mosaic virus (CMV). Physiological and Molecular Plant Pathology, 2009, 74, 184-190.	1.3	15
138	Phosphorylation of Photosynthetic Antenna Protein CP29 and Photosystem II Structure Changes in Monocotyledonous Plants under Environmental Stresses. Biochemistry, 2009, 48, 9757-9763.	1.2	40
139	Minireview: Role of Salicylic Acid in Plant Abiotic Stress. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2008, 63, 313-320.	0.6	133
140	Phylogenetic Analyses of Plastid-Originated Proteins Imply Universal Endosymbiosis in Ancestors of Animals and Fungi. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2008, 63, 903-908.	0.6	4
141	A Chlorophyll-Less Barley Mutant NYB Is Insensitive to Water Stress. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2007, 62, 403-409.	0.6	15
142	Nuclear-Localized Plastid DNA Fragments in Protozoa, Metazoa and Fungi. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2007, 62, 123-132.	0.6	5
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145	Chloroplastic photoprotective strategies differ between bundle sheath and mesophyll cells in maize (<i>Zea mays</i> L.) Under drought. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	6