

PPS Keyword List: Keywords related to plant from PPS vol. 1 - 20

OTHER (209)

Keyword	Article title (downloadable pdf link)	Author	Year	DOI	
Actinorhizal plant (1)	Difference in $\delta^{15}\text{N}$ Signatures among Plant Parts of Perennial Species Subjected to Drought Stress with Special Reference to the Contribution of Symbiotic N_2 -fixation to Plant N	Khadka J, et al.	2006	10.1626/pps.9.115	
Allogamous plant (1)	Accurate Evaluation of Photoperiodic Sensitivity and Genetic Diversity in Common Buckwheat under a Controlled Environment	Hara T, et al.	2013	10.1626/pps.16.247	
Amaranthaceae (1)	Ultrastructure of Hybrid Callus between C_3 and C_4 Species of Amaranthaceae	Mastuti R, et al.	1998	10.1626/pps.1.136	
Amaranthus (2)	Effects of soil types and fertilizers on growth, yield, and quality of edible <i>Amaranthus tricolor</i> lines in Okinawa, Japan	Ohshiro M, et al.	2016	10.1080/1343943X.2015.1128087	
	Variations in structural, biochemical, and physiological traits of photosynthesis and resource use efficiency in <i>Amaranthus</i> species (NAD-ME-type C_4)	Tsutsumi N, et al.	2017	10.1080/1343943X.2017.1320948	
<i>Amaranthus tricolor</i> (1)	Phenotypic Plasticity of Vegetable Amaranth, <i>Amaranthus tricolor</i> L. under a Natural Climate	Khanam UKS, et al.	2014	10.1626/pps.17.166	
Amphibious plant (1)	Photosynthetic Characteristics of an Amphibious C_4 Plant, <i>Eleocharis retroflexa</i> ssp. <i>chaetaria</i>	Ueno O, et al.	1998	10.1626/pps.1.165	
<i>Angelica sinensis</i> (1)	Habitat Niche-Fitness and Radix Yield Prediction Models for <i>Angelica sinensis</i> Cultivated in the Alpine Area of the Southeastern Region of Gansu Province, China	Lin H, et al.	2008	10.1626/pps.11.42	
Aquatic plant (2)	Comparison of Growth and Yield Performance of Several Water Chestnut Species Collected from Southwestern Japan and Middle China	Arima S, et al.	1999	10.1626/pps.2.273	
	Variation in Growth and Yield Performance of Seventeen Water Chestnut Accessions (<i>Trapa</i> spp.) Collected from Asia and Europe	Suriyagoda L, et al.	2007	10.1626/pps.10.372	
<i>Arabidopsis thaliana</i> (1)	Activation of ADP-Glucose Pyrophosphorylase Gene Promoters by a WRKY Transcription Factor, At WRKY20, in <i>Arabidopsis thaliana</i> L. and Sweet Potato (<i>Ipomoea batatas</i> Lam.)	Nagata T, et al.	2012	10.1626/pps.15.10	
<i>Artemisia capillaris</i> (1)	Variations in Flowering Date, Shoot Growth and Contents of Choleric Substances in Capitulum of <i>Artemisia capillaris</i> Collected from Various Locations in Japan	Minami M, et al.	1999	10.1626/pps.2.241	
<i>Azolla mexicana</i> (1)	Studies on the Adaptation of <i>Azolla mexicana</i> in the Aegean and the Mediterranean Regions	Gevrek M, et al.	2004	10.1626/pps.7.50	
Banana (4)	<i>Musa</i> spp. (4)	Nursery Growth of Banana (<i>Musa</i> spp.) Plantlets Rooted on Auxin-free and Auxin-supplemented Media	Buah JN, et al.	1998	10.1626/pps.1.207
		Effects of Different Types and Concentrations of Gelling Agents on the Physical and Chemical Properties of Media and the Growth of Banana (<i>Musa</i> spp.) <i>in Vitro</i>	Buah JN, et al.	1999	10.1626/pps.2.138
		Field Performance of <i>In vitro</i> -propagated and Sucker-derived Plants of Banana (<i>Musa</i> spp.)	Buah JN, et al.	2000	10.1626/pps.3.124
		Effects of Various Carbon Sources and Their Combinations on <i>in vitro</i> Growth and Photosynthesis of Banana Plantlets	Buah JN, et al.	2000	10.1626/pps.3.392
<i>Boehmeria</i> (1)	Genetic Diversity among Wild Resources of the Genus <i>Boehmeria</i> Jacq. from West China Determined Using Inter-simple Sequence Repeat and Rapid Amplification of Polymorphic DNA Markers	Liu LJ, et al.	2009	10.1626/pps.12.88	
<i>Brassica</i> crop plant (1)	Polyamines in Different Organs of Brassica Crop Plants with or without Clubroot Disease	Hamana K, et al.	2015	10.1626/pps.18.476	
Brassicaceae (1)	Inheritance of C_3 - C_4 Intermediate Photosynthesis in Reciprocal Hybrids between <i>Moricandia arvensis</i> (C_3 - C_4) and <i>Brassica oleracea</i> (C_3) that Differ in their Genome Constitution	Ueno O, et al.	2007	10.1626/pps.10.68	
Broadleaf (1)	Effect of Pretilachlor on Weedy Rice and Other Weeds in Wet-Seeded Rice Cultivation in South Vietnam	Chauhan BS, et al.	2014	10.1626/pps.17.315	
<i>Bupleurum falcatum</i> (3)	Studies on Dry Matter Production and Efficiency for Solar Energy Utilization in <i>Bupleurum falcatum</i> L. at Different Plant Ages	Shon TK, et al.	1998	10.1626/pps.1.113	
	Haploid Plantlet Production through Somatic Embryogenesis in Anther-Derived Callus of <i>Bupleurum falcatum</i>	Shon TK, et al.	2004	10.1626/pps.7.204	
	Pharmacologically Active Saikosaponin in <i>Bupleurum falcatum</i> Detected by Competitive ELISA and Eastern Blotting Using Monoclonal Antibodies	Shon TK, et al.	2008	10.1626/pps.11.192	

C ₃ (5)	C ₃ plant/species (4)	Ultrastructure of Fusion Product between Protoplasts from C ₃ and C ₄ Species of Amaranthaceae	Mastuti R, et al.	1998	10.1626/pps.1.67
		Ultrastructure of Hybrid Callus between C ₃ and C ₄ Species of Amaranthaceae	Mastuti R, et al.	1998	10.1626/pps.1.136
		Inheritance of C ₃ -C ₄ Intermediate Photosynthesis in Reciprocal Hybrids between <i>Moricandia arvensis</i> (C ₃ -C ₄) and <i>Brassica oleracea</i> (C ₃) that Differ in their Genome Constitution	Ueno O, et al.	2007	10.1626/pps.10.68
		Structural and Functional Differentiation of Bundle Sheath and Mesophyll Cells in the Lamina Joint of Rice Compared with that in the Corresponding Region of the Liguleless Genotype	Tsutsumi K, et al.	2007	10.1626/pps.10.346
	C ₃ grasses (1)	Intracellular position of mitochondria and chloroplasts in bundle sheath and mesophyll cells of C ₃ grasses in relation to photorespiratory CO ₂ loss	Hatakeyama Y, et al.	2016	10.1080/1343943X.2016.1212667
C ₃ -C ₄ intermediate plant/species (2)		Inheritance of C ₃ -C ₄ Intermediate Photosynthesis in Reciprocal Hybrids between <i>Moricandia arvensis</i> (C ₃ -C ₄) and <i>Brassica oleracea</i> (C ₃) that Differ in their Genome Constitution	Ueno O, et al.	2007	10.1626/pps.10.68
		Production of <i>Raphanus sativus</i> (C ₃)- <i>Moricandia arvensis</i> (C ₃ -C ₄ intermediate) Monosomic and Disomic Addition Lines with Each Parental Cytoplasmic Background and their Photorespiratory Characteristics	Bang SW, et al.	2009	10.1626/pps.12.70
C ₄ plant/species (8)		Ultrastructure of Fusion Product between Protoplasts from C ₃ and C ₄ Species of Amaranthaceae	Mastuti R, et al.	1998	10.1626/pps.1.67
		Ultrastructure of Hybrid Callus between C ₃ and C ₄ Species of Amaranthaceae	Mastuti R, et al.	1998	10.1626/pps.1.136
		Immunogold Labeling of Rubisco in C ₄ Plant Leaves for Scanning Electron Microscopy	Miyake H, et al.	2001	10.1626/pps.4.41
		Strictness of the Centrifugal Location of Bundle Sheath Chloroplasts in Different NADP-ME Type C ₄ Grasses	Taniguchi Y, et al.	2003	10.1626/pps.6.274
		Differential Sensitivity of Chloroplasts in Mesophyll and Bundle Sheath Cells in Maize, an NADP-Malic Enzyme-Type C ₄ Plant, to Salinity Stress	Hasan R, et al.	2005	10.1626/pps.8.567
		Salinity Stress Induces Granal Development in Bundle Sheath Chloroplasts of Maize, an NADP-Malic Enzyme-Type C ₄ Plant	Hasan R, et al.	2006	10.1626/pps.9.256
		Salinity Induces Granal Development in Bundle Sheath Chloroplasts of NADP-Malic Enzyme Type C ₄ Plants	Omoto E, et al.	2009	10.1626/pps.12.199
		Effects of Salinity Stress on the Structure of Bundle Sheath and Mesophyll Chloroplasts in NAD-Malic Enzyme and PCK Type C ₄ Plants	Omoto E, et al.	2010	10.1626/pps.13.169
<i>Canna edulis</i> (2)		Feeding Value and <i>In situ</i> Digestibility of Edible Canna for Silage	Jun H, et al.	2006	10.1626/pps.9.408
		A mechanical study on the mitigation of lodging in edible canna	Imai K, et al.	2017	10.1080/1343943X.2016.1255148
Canola (1)		Fatty Acid Content of Seed at Different Development Stages in Canola on Different Soil Types with Low Organic Matter	Onemli F.	2014	10.1626/pps.17.253
Chili plant (1)		Effect of foliar application of oligochitosan with different molecular weight on growth promotion and fruit yield enhancement of chili plant	Dzung PD, et al.	2017	10.1080/1343943X.2017.1399803
<i>Cinnamomum cassia</i> (1)		Histochemistry and Cell Wall Specialization of Oil Cells related to the Essential Oil Accumulation in the Bark of <i>Cinnamomum cassia</i> Presl. (Lauraceae)	Geng SL, et al.	2012	10.1626/pps.15.1
Coffee (2)	<i>Coffea arabica</i> (1)	Erosion Control on a Steep Sloped Coffee Field in Indonesia with Alley Cropping, Intercropped Vegetables, and No-Tillage	Iijima M, et al.	2003	10.1626/pps.6.224
	Coffee grounds (1)	Field Evaluation of Coffee Grounds Application for Crop Growth Enhancement, Weed Control, and Soil Improvement	Yamane K, et al.	2014	10.1626/pps.17.93
Cotton (8)	Cotton (3)	Combined Soil Physical Stress of Soil Drying, Anaerobiosis and Mechanical Impedance to Seedling Root Growth of Four Crop Species	Iijima M, et al.	2007	10.1626/pps.10.451
		Effects of Water Stress on Leaf Temperature and Chlorophyll Fluorescence Parameters in Cotton and Peanut	Shahenshah et al.	2010	10.1626/pps.13.269
		Physiological characteristics of high yield under cluster planting: photosynthesis and canopy microclimate of cotton	Xie T-T, et al.	2016	10.1080/1343943X.2015.1128088
	<i>Gossypium hirsutum</i> (4)	Leaf Temperature and Transpiration of Field Grown Cotton and Soybean under Arid and Humid Conditions	Isoda A, et al.	2002	10.1626/pps.5.224
		Adaptive Responses of Soybean and Cotton to Water Stress. I. Transpiration Changes in Relation to Stomatal Area and Stomatal Conductance	Inamullah, et al.	2005	10.1626/pps.8.16

Cotton (continued)	<i>Gossypium hirsutum</i> (continued)	Adaptive Responses of Soybean and Cotton to Water Stress. II. Changes in CO ₂ Assimilation Rate, Chlorophyll Fluorescence and Photochemical Reflectance Index in Relation to Leaf Temperature	Inamullah et al.	2005	10.1626/pps.8.131
		Effect of Nitrogen Regimes on Combining Ability Variation in Oil and Protein Contents in Cottonseed (<i>Gossypium hirsutum</i> L.)	Khan FA, et al.	2007	10.1626/pps.10.367
	<i>Bt</i> -cotton (1)	Impact of <i>Bt</i> -cotton on soil microbiological and biochemical attributes	Yasin S, et al.	2016	10.1080/1343943X.2016.1185637
Cover crop (5)		Effect of Hairy Vetch Incorporated as Green Manure on Growth and N Uptake of Sorghum Crop	Choi B, et al.	2008	10.1626/pps.11.211
		Effect of Incorporation of Hairy Vetch and Rye Grown as Cover Crops on Weed Suppression Related with Phenolics and Nitrogen Contents of Soil	Sung J-K, et al.	2010	10.1626/pps.13.80
		Growth and Nutrient Accumulation of Winged Bean and Velvet Bean as Cover Crops in a Subtropical Region	Anugroho F, et al.	2010	10.1626/pps.13.360
		Stable Characteristics of Cover Crops for Weed Suppression in Organic Farming Systems	Uchino H, et al.	2011	10.1626/pps.14.75
		The suitability of non-legume cover crops for inorganic soil nitrogen immobilisation in the transition period to an organic no-till system	Rühlemann L, et al.	2016	10.1080/1343943X.2015.1128098
Cress (2)		Allelopathy in Maize I: Isolation and identification of allelochemicals in maize seedlings	Kato-Noguchi H, et al.	2000	10.1626/pps.3.43
		A Quick Seeding Test for Allelopathic Potential of Bangladesh Rice Cultivars	Kato-Noguchi H, et al.	2009	10.1626/pps.12.47
Cucumber (1)		Effects of Epibrassinolide on Sugar Transport and Allocation to the Epicotyl in Cucumber Seedlings	Nakajima N, et al.	1999	10.1626/pps.2.165
<i>Cyperus serotinus</i> (1)		Plastid Damage in Photosynthetic Cells of Mizugayatsuri (<i>Cyperus serotinus</i>) Leaves Treated with a Pyrazole Herbicide	Ogawa M, et al.	2001	10.1626/pps.4.291
<i>Eleocharis retroflexa</i> ssp. <i>chaetaria</i> (1)		Photosynthetic Characteristics of an Amphibious C ₄ Plant, <i>Eleocharis retroflexa</i> ssp. <i>chaetaria</i>	Ueno O, et al.	1998	10.1626/pps.1.165
Energy crop (3)		Energy Crops for Sustainable Bioethanol Production; Which, Where and How?	Hattori T, et al.	2010	10.1626/pps.13.221
		Suppression of Tillering in <i>Erianthus ravennae</i> (L.) Beauv. Due to Drought Stress at Establishment	Hattori T, et al.	2010	10.1626/pps.13.252
		Effects of Partial Harvesting on Napier Grass: Reduced Seasonal Variability in Feedstock Supply and Increased Biomass Yield	Sekiya N, et al.	2015	10.1626/pps.18.99
<i>Eriachne aristidea</i> (1)		Strictness of the Centrifugal Location of Bundle Sheath Chloroplasts in Different NADP-ME Type C ₄ Grasses	Taniguchi Y, et al.	2003	10.1626/pps.6.274
Erianthus (3)	<i>Erianthus</i> (1)	Changes in photosynthesis, growth, and sugar content of commercial sugarcane cultivars and <i>Erianthus</i> under flood conditions	Jaiphong T, et al.	2017	10.1080/1343943X.2016.1275711
	<i>Erianthus arundinaceus</i> (1)	Root-shoot relationships in four strains of field-grown <i>Erianthus arundinaceus</i> at seedling stage	Shiotsu F, et al.	2016	10.1080/1343943X.2015.1128096
	<i>Erianthus ravennae</i> (1)	Suppression of Tillering in <i>Erianthus ravennae</i> (L.) Beauv. Due to Drought Stress at Establishment	Hattori T, et al.	2010	10.1626/pps.13.252
<i>Erigeron breviscapus</i> (1)		Callus Induction and Adventitious Shoot Regeneration from Petiole of <i>Erigeron breviscapus</i>	Zhang L, et al.	2007	10.1626/pps.10.343
Eucalyptus (1)		Effects of trees planted on levees on rice yields in rain-fed paddy fields of northeast Thailand	Miyagawa S, et al.	2017	10.1080/1343943X.2016.1260483
Fruit (2)	Fruit (1)	Transforming Subsistence Cropping in Asia	Rerkasem K, et al.	2005	10.1626/pps.8.275
	Fruit yield (1)	Effect of foliar application of oligochitosan with different molecular weight on growth promotion and fruit yield enhancement of chili plant	Dzung PD, et al.	2017	10.1080/1343943X.2017.1399803
Genge (1)		Effect of Fertilizer and Fixed Nitrogen on the Water Use Efficiency of Genge (<i>Astragalus sinicus</i> L.)	Sumi A, et al.	2015	10.1626/pps.18.104
Glasswort (1)		Identification of Salicornia Populations: Comparison between Morphological Characterization and RAPD Fingerprinting	Sagane Y, et al.	2003	10.1626/pps.6.287
<i>Gliricidia sepium</i> (1)		Erosion Control on a Steep Sloped Coffee Field in Indonesia with Alley Cropping, Intercropped Vegetables, and No-Tillage	Iijima M, et al.	2003	10.1626/pps.6.224
Grapevine (1)		Influence of Rootstock Type on the Agronomic Characteristics of Two Grape (<i>Vitis vinifera</i> L.) Cultivars Grown in the Northwestern Iberian Peninsula	Santiago JL, et al.	2007	10.1626/pps.10.473

Green tea waste (1)		Evaluation of the Physio-Chemical and Microbial Properties of Green Tea Waste-Rice Bran Compost and the Effect of the Compost on Spinach Production	Khan MAI, et al.	2007	10.1626/pps .10.391
Halophyte (3)		Molecular Cloning of Oxygen-Evolving Enhancer Genes Induced by Salt Treatment in a Halophyte, <i>Salicornia europaea</i> L.	Momonoki YS, et al.	2009	10.1626/pps .12.193
		Physiological Roles of Betacyanin in a Halophyte, <i>Suaeda japonica</i> Makino	Hayakawa K, et al.	2010	10.1626/pps .13.351
		Identification of <i>Salicornia</i> Populations: Comparison between Morphological Characterization and RAPD Fingerprinting	Sagane Y, et al.	2003	10.1626/pps .6.287
<i>Helianthus petiolaris</i> (1)		Disease Tolerance in <i>Helianthus petiolaris</i> : A Genetic Resource for Sunflower Breeding	Gutierrez A, et al.	2012	10.1626/pps .15.204
<i>Hibiscus rosa-sinensis</i> (1)		The Green Fence of Chinese Hibiscus (<i>Hibiscus rosa-sinensis</i> L.) Prevents Pollen Dispersal of Transgenic Rice (<i>Oryza sativa</i>)	Tseng CS, et al.	2012	10.1626/pps .15.100
<i>Houttuynia cordata</i> (1)		Influence of Light Intensity on the Yield and Quality of <i>Houttuynia cordata</i>	Li A, et al.	2015	10.1626/pps .18.522
Ice plant (7)	Ice plant (1)	Mixed cropping with ice plant alleviates the damage and the growth of cowpea under consecutive NaCl treatment and after the recovery from high salinity	Nanhapo PI, et al.	2017	10.1080/13 43943X.20 17.1282828
	Common ice plant (2)	Potential of the Common Ice Plant, <i>Mesembryanthemum crystallinum</i> as a New High-Functional Food as Evaluated by Polyol Accumulation	Agarie S, et al.	2009	10.1626/pps .12.37
		Suppression subtractive hybridization library construction and identification of epidermal bladder cell related genes in the common ice plant, <i>Mesembryanthemum crystallinum</i> L.	Roeurn S, et al.	2016	10.1080/13 43943X.20 16.1221320
	<i>Mesembryanthemum crystallinum</i> (4)	Effect of Urea-Type Cytokinins on the Adventitious Shoots Regeneration from Cotyledonary Node Explant in the Common Ice Plant, <i>Mesembryanthemum crystallinum</i>	Sunagawa H, et al.	2007	10.1626/pps .10.47
		Crassulacean Acid Metabolism May Alleviate Production of Reactive Oxygen Species in a Facultative CAM Plant, the Common Ice Plant <i>Mesembryanthemum crystallinum</i> L.	Sunagawa H, et al.	2010	10.1626/pps .13.256
		Suppression subtractive hybridization library construction and identification of epidermal bladder cell related genes in the common ice plant, <i>Mesembryanthemum crystallinum</i> L.	Roeurn S, et al.	2016	10.1080/13 43943X.20 16.1221320
		MYB and HD-ZIP IV homologs related to trichome formation are involved in epidermal bladder cell development in the halophyte <i>Mesembryanthemum crystallinum</i> L.	Roeurn S, et al.	2017	10.1080/13 43943X.20 17.1279528
Jute (1)		Root Anatomical Responses to Waterlogging at Seedling Stage of Three Cordage Fiber Crops	Changdee T, et al.	2008	10.1626/pps .11.232
<i>Kalanchoë</i> (5)	<i>Kalanchoë daigremontiana</i> (3)	Characteristics of Adenosinetriphosphatase and Inorganic Pyrophosphatase in Tonoplasts Isolated from Three CAM Species, <i>Ananas comosus</i> , <i>Kalanchoë pinnata</i> and <i>K. daigremontiana</i>	Chen L-S, et al.	2000	10.1626/pps .3.24
		An Improved Method for Extraction and Measurement of the Inorganic Pyrophosphate in Leaves of Crassulacean Acid Metabolism (CAM) Plants	Chen L-S, et al.	2001	10.1626/pps .4.15
		Effects of KCN, SHAM and Oxygen Concentrations on Respiratory Properties of Purified Mitochondria Isolated from <i>Ananas comosus</i> (Pineapple) and <i>Kalanchoë daigremontiana</i>	Hong HTK, et al.	2005	10.1626/pps .8.383
	<i>Kalanchoë pinnata</i> (2)	Characteristics of Adenosinetriphosphatase and Inorganic Pyrophosphatase in Tonoplasts Isolated from Three CAM Species, <i>Ananas comosus</i> , <i>Kalanchoë pinnata</i> and <i>K. daigremontiana</i>	Chen L-S, et al.	2000	10.1626/pps .3.24
		An Improved Method for Extraction and Measurement of the Inorganic Pyrophosphate in Leaves of Crassulacean Acid Metabolism (CAM) Plants	Chen L-S, et al.	2001	10.1626/pps .4.15
Kenaf (1)		Root Anatomical Responses to Waterlogging at Seedling Stage of Three Cordage Fiber Crops	Changdee T, et al.	2008	10.1626/pps .11.232
Komatsuna (2)	Komatsuna (1)	Interactive Effects of Sodium and Potassium on the Growth and Photosynthesis of Spinach and Komatsuna	Tomemori H, et al.	2002	10.1626/pps .5.281
	<i>Brassica rapa</i> var. <i>peruviridis</i> (1)	Significance of Plant-induced Solubilization of Soil Nitrogen: A Case of Komatsuna Plants Grown in Fertilized Soils	Moritsuka N, et al.	2010	10.1626/pps .13.307
Lettuce (3)	Lettuce (2)	A Quick Seeding Test for Allelopathic Potential of Bangladesh Rice Cultivars	Kato-Noguchi H, et al.	2009	10.1626/pps .12.47
		Allelopathic Potential of White, Red and Black Rice Cultivars	Kato-Noguchi H, et al.	2013	10.1626/pps .16.305
	<i>Lactuca sativa</i> (1)	Isolation of Allelopathic Substances in Rice Seedlings	Kato-Noguchi H.	2002	10.1626/pps .5.8
Lime (1)		High-Yielding Performance of a New Rice Variety, IR53650 in Mildly Improved Acid Sulfate Soil Conditions	Kang DJ, et al.	2007	10.1626/pps .10.64

Linseed (1)		Germination, Growth, Chlorophyll Fluorescence and Ionic Balance in Linseed Seedlings Subjected to Saline and Alkaline Stresses	Guo R, et al.	2014	10.1626/pps.17.20
<i>Lycopersicon esculentum</i> (1)		The Role of Active and Passive Water Uptake in Maintaining Leaf Water Status and Photosynthesis in Tomato under Water Deficit	Weng JH.	2000	10.1626/pps.3.296
Mango (1)		Effects of trees planted on levees on rice yields in rain-fed paddy fields of northeast Thailand	Miyagawa S, et al.	2017	10.1080/1343943X.2016.1260483
Mangrove (2)	Mangrove (1)	Gas Exchange Analysis for Estimating Net CO ₂ Fixation Capacity of Mangrove (<i>Rhizophora stylosa</i>) Forest in the Mouth of River Fukido, Ishigaki Island, Japan	Okimoto Y, et al.	2007	10.1626/pps.10.303
	Mangrove forest (1)	Temporal and Vertical Variations in Photosynthetic Drivers in Mangrove Canopies, Okinawa, Japan	Al-Saidi A, et al.	2009	10.1626/pps.12.336
Medicinal plant (3)		Effects of Farmyard Manure on Growth and Yield of Turmeric (<i>Curcuma longa</i> L.) Cultivated in Dark-Red Soil, Red Soil and Gray Soil in Okinawa, Japan	Hossain MA, et al.	2007	10.1626/pps.10.146
		Effects of Application of N, P and K Alone or in Combination on Growth, Yield and Curcumin Content of Turmeric (<i>Curcuma longa</i> L.)	Akamine H, et al.	2007	10.1626/pps.10.151
		Effects of Relative Light Intensity on the Growth, Yield and Curcumin Content of Turmeric (<i>Curcuma longa</i> L.) in Okinawa, Japan	Hossain MA, et al.	2009	10.1626/pps.12.29
Milk vetch (2)	Chinese milk vetch (1)	Effect of Chinese Milk Vetch (<i>Astragalus sinicus</i> L.) as a Cover Crop on Weed Control, Growth and Yield of Wheat under Different Tillage Systems	Samarajeewa KB, et al.	2005	10.1626/pps.8.79
	15N-labeled milk vetch (1)	Nitrogen Cycling in an Ecological Farming System of Milk Vetch Culture - Pig-Raising - Biogas Fermentation - Rice Culture	Liu JR, et al.	2002	10.1626/pps.5.65
Monchoria (3)	Monchoria (1)	Elementary Identification of Phenolic Allelochemicals from Dwarf Lilyturf Plant (<i>Ophipogon japonicus</i> K.) and Their Growth-Inhibiting Effects for Two Weeds in Paddy Rice Field	Lin D, et al.	2004	10.1626/pps.7.260
	<i>Monochoria vaginalis</i> (2)	Relationship between physical property of soil and growth of <i>Monochoria vaginalis</i> under paddy condition of organic farming-analysis using settled soil volume in water of superficial layer	Nozoe T, et al.	2016	10.1080/1343943X.2015.1128105
		Effects of poultry manure on soil solution electrical conductivity and early growth of <i>Monochoria vaginalis</i>	Watanabe H, et al.	2017	10.1080/1343943X.2016.1246064
<i>Moricandia arvensis</i> (1)		Production of <i>Raphanus sativus</i> (C ₃)- <i>Moricandia arvensis</i> (C ₃ -C ₄ intermediate) Monosomic and Disomic Addition Lines with Each Parental Cytoplasmic Background and their Photorespiratory Characteristics	Bang SW, et al.	2009	10.1626/pps.12.70
<i>Morus alba</i> (1)		Modeling of Mulberry Shoot Elongation and Leaf Appearance in Field Conditions	Fukui K.	2005	10.1626/pps.8.115
Mugwort (1)		Does Allelopathy Play a Role in Suppression of Mugwort (<i>Artemisia vulgaris</i>) by Alfalfa?	Onen H.	2013	10.1626/pps.16.255
Mulberry (4)	Mulberry(2)	Modeling the Interactive Effect of the Photoperiod and Temperature on Shoot Elongation of Mulberry	Fukui K.	2004	10.1626/pps.7.224
		Modeling of Mulberry Shoot Elongation and Leaf Appearance in Field Conditions	Fukui K.	2005	10.1626/pps.8.115
	Mulberry tree (2)	Effects of Temperature on Growth and Dry Matter Accumulation in Mulberry Saplings	Fukui K.	2000	10.1626/pps.3.404
		Modeling of Shoot Elongation and Leaf Appearance in Potted Mulberry	Fukui K.	2000	10.1626/pps.3.410
Neem tree (1)		Effects of trees planted on levees on rice yields in rain-fed paddy fields of northeast Thailand	Miyagawa S, et al.	2017	10.1080/1343943X.2016.1260483
Oil palm (1)		Oil Palm: Achievements and Potential	Wahid MB, et al.	2005	10.1626/pps.8.288
Olive maturity (1)		Influence of the Site of Cultivation on Chétoui Olive (<i>Olea europaea</i> L.) Oil Quality	Ben Youssef N, et al.	2012	10.1626/pps.15.228
<i>Orobanche crenata</i> (1)		Study of some resistance mechanisms to <i>Orobanche</i> spp. infestation in faba bean (<i>Vicia faba</i> L.) breeding lines in Tunisia	Trabelsi I, et al.	2016	10.1080/1343943X.2016.1221734
<i>Orobanche foetida</i> (1)		Study of some resistance mechanisms to <i>Orobanche</i> spp. infestation in faba bean (<i>Vicia faba</i> L.) breeding lines in Tunisia	Trabelsi I, et al.	2016	10.1080/1343943X.2016.1221734
Pansy (1)		Ultrastructural Analysis of Electrofused Protoplasts from Pansy and Wild Viola by Scanning Electron Microscopy	Sato T, et al.	1998	10.1626/pps.1.288
Patchouli (1)		Ultrastructure of Mesophyll Glands Secreting the Aromatic Substances in Patchouli Leaves	Maeda E, et al.	1999	10.1626/pps.2.213

Pineapple (3)	<i>Ananas comosus</i> (3)	Characteristics of Adenosinetriphosphatase and Inorganic Pyrophosphatase in Tonoplasts Isolated from Three CAM Species, <i>Ananas comosus</i> , <i>Kalanchoë pinnata</i> and <i>K. daigremontiana</i>	Chen L-S, et al.	2000	10.1626/pps.3.24
		An Improved Method for Extraction and Measurement of the Inorganic Pyrophosphate in Leaves of Crassulacean Acid Metabolism (CAM) Plants	Chen L-S, et al.	2001	10.1626/pps.4.15
		Effects of KCN, SHAM and Oxygen Concentrations on Respiratory Properties of Purified Mitochondria Isolated from <i>Ananas comosus</i> (Pineapple) and <i>Kalanchoë daigremontiana</i>	Hong HTK, et al.	2005	10.1626/pps.8.383
<i>Pogostemon</i> (1)		Ultrastructure of Mesophyll Glands Secreting the Aromatic Substances in Patchouli Leaves	Maeda E, et al.	1999	10.1626/pps.2.213
Rapeseed (4)	<i>Brassica napus</i> (3)	Nondestructive Measurements of Lipid Content and Fatty Acid Composition in Rapeseeds (<i>Brassica napus</i> L.) by Near Infrared Spectroscopy	Sato T.	2008	10.1626/pps.11.146
		Glucosinolate Content in Rapeseed in Relation to Suppression of Subsequent Crop	Yasumoto S, et al.	2010	10.1626/pps.13.150
		Responses of Seed Yield and Quality to Nitrogen Application Levels in Two Oilseed Rape (<i>Brassica napus</i> L.) Varieties Differing in Nitrogen Efficiency	Zhang ZH, et al.	2012	10.1626/pps.15.265
	Juvenile rapeseed (1)	Effects of Plant Residue, Root Exudate and Juvenile Plants of Rapeseed (<i>Brassica napus</i> L.) on the Germination, Growth, Yield, and Quality of Subsequent Crops in Successive and Rotational Cropping Systems	Yasumoto S, et al.	2011	10.1626/pps.14.339
Roselle (1)		Root Anatomical Responses to Waterlogging at Seedling Stage of Three Cordage Fiber Crops	Changdee T, et al.	2008	10.1626/pps.11.232
Sago palm (8)	Sago palm (1)	Effect of Low pH on the Growth, Physiological Characteristics and Nutrient Absorption of Sago Palm in a Hydroponic System	Anugoolprasert O, et al.	2012	10.1626/pps.15.125
	<i>Metroxylon sagu</i> (7)	Morphological and Anatomical Observations of Adventitious and Lateral Roots of Sago Palms	Nitta Y, et al.	2002	10.1626/pps.5.139
		Leaf Characteristics and Shape of Sago Palm (<i>Metroxylon sagu</i> Rottb.) for Developing a Method of Estimating Leaf Area	Nakamura S, et al.	2004	10.1626/pps.7.198
		Analysis of Leaflet Shape and Area for Improvement of Leaf Area Estimation Method for Sago Palm (<i>Metroxylon sagu</i> Rottb.)	Nakamura S, et al.	2005	10.1626/pps.8.27
		A Method for Estimating Sago Palm (<i>Metroxylon sagu</i> Rottb.) Leaf Area after Trunk Formation	Nakamura S, et al.	2009	10.1626/pps.12.58
		Growth Behavior of Sago Palm (<i>Metroxylon sagu</i> Rottb.) from Transplantation to Trunk Formation	Nabeya K, et al.	2015	10.1626/pps.18.209
		Position and Development of Differentiated Lateral Buds in Sago Palm (<i>Metroxylon sagu</i> Rottb.)	Nabeya K, et al.	2015	10.1626/pps.18.435
		Growth behavior of suckers derived from transplanted sago palm (<i>Metroxylon sagu</i> Rottb.)	Nabeya K, et al.	2016	10.1080/1343943X.2016.1147928
<i>Salicornia europaea</i> (1)		Molecular Cloning of Oxygen-Evolving Enhancer Genes Induced by Salt Treatment in a Halophyte, <i>Salicornia europaea</i> L.	Momonoki YS, et al.	2009	10.1626/pps.12.193
Sedge (1)		Effect of Pretilachlor on Weedy Rice and Other Weeds in Wet-Seeded Rice Cultivation in South Vietnam	Chauhan BS, et al.	2014	10.1626/pps.17.315
Sesame (5)	Sesame (2)	Effects of Day Length and Air Temperature on Stem Growth and Flowering in Sesame	Kumazaki T, et al.	2008	10.1626/pps.11.178
		Effects of Day Length and Air and Soil Temperatures on Sesamin and Sesamolin Contents of Sesame Seed	Kumazaki T, et al.	2009	10.1626/pps.12.481
	<i>Sesamum indicum</i> (3)	Response of Sesame (<i>Sesamum indicum</i> L.) to Low Oxygen Concentration during Germination	Tian X, et al.	2003	10.1626/pps.6.126
		Nondestructive Near-Infrared Reflectance Spectroscopic Analyses of the Major Constituents of Sesame (<i>Sesamum indicum</i> L.) Whole Seeds with Different Coat Color	Sato T, et al.	2004	10.1626/pps.7.363
		Nondestructive Near-Infrared Reflectance Spectroscopy of Sesame (<i>Sesamum indicum</i> L.) Components by Single Seed Analysis	Sato T, et al.	2006	10.1626/pps.9.161
<i>Solanum</i> (1)		The Role of Active and Passive Water Uptake in Maintaining Leaf Water Status and Photosynthesis in Tomato under Water Deficit	Weng JH.	2000	10.1626/pps.3.296
Spinach (2)	Interactive Effects of Sodium and Potassium on the Growth and Photosynthesis of Spinach and Konnatsuna		Tomemori H, et al.	2002	10.1626/pps.5.281
	Evaluation of the Physio-Chemical and Microbial Properties of Green Tea Waste-Rice Bran Compost and the Effect of the Compost on Spinach Production		Khan MAI, et al.	2007	10.1626/pps.10.391
<i>Suaeda japonica</i> (1)		Physiological Roles of Betacyanin in a Halophyte, <i>Suaeda japonica</i> Makino	Hayakawa K, et al.	2010	10.1626/pps.13.351

Sugarcane (10)	Sugarcane (6)	Diurnal Changes in Photosynthesis in Sugarcane Leaves. I. Carbon dioxide exchange rate, photosynthetic enzyme activities and metabolite levels relating to the C ₄ pathway and the Calvin cycle	Du Y-C, et al.	2000	10.1626/pps.3.3
		Diurnal Changes in Photosynthesis in Sugarcane Leaves. II. Enzyme activities and metabolite levels relating to sucrose and starch metabolism	Du Y-C, et al.	2000	10.1626/pps.3.9
		Assessing Feasibility of Growing Sugarcane by a Polythene Bag Culture System for Rapid Multiplication of Seed Cane in Sub-Tropical Climatic Conditions of India	Singh SN, et al.	2011	10.1626/pps.14.229
		Effects of duration and combination of drought and flood conditions on leaf photosynthesis, growth and sugar content in sugarcane	Jaiphong T, et al.	2016	10.1080/1343943X.2016.1159520
		Changes in photosynthesis, growth, and sugar content of commercial sugarcane cultivars and <i>Erianthus</i> under flood conditions	Jaiphong T, et al.	2017	10.1080/1343943X.2016.1275711
		Photosynthetic response and nitrogen use efficiency of sugarcane under drought stress conditions with different nitrogen application levels	Dinh TH, et al.	2017	10.1080/1343943X.2017.1371570
	<i>Saccharum</i> spp. (1)	Yield of sugarcane varieties and their sugar quality grown in different soil types and inoculated with a diazotrophic bacteria consortium	Schultz N, et al.	2017	10.1080/1343943X.2017.1374869
	Forage sugarcane (2)	Effect of Stubble Shaving after High-Level Cutting on the Growth and Yield of Forage Sugarcane, KRf093-1, under Multiple Ratooning Cultivation	Sakaigaichi T, et al.	2013	10.1626/pps.16.183
		Comparison of ratoon yield under high-level cutting in two varieties of forage sugarcane, KRf093-1, and Shimanoushie	Sakaigaichi T, et al.	2017	10.1080/1343943X.2017.1283239
	wild sugarcane (1)	Evaluation of the juice brix of wild sugarcanes (<i>Saccharum spontaneum</i>) indigenous to Japan	Sakaigaichi T, et al.	2016	10.1080/1343943X.2016.1140009
Sunflower (5)		Traits of NuSun TM Varieties of Sunflower in Hokkaido, Japan	Honda Y, et al.	2005	10.1626/pps.8.461
		Effects of High Water Table and Short-Term Flooding on Growth, Yield, and Seed Quality of Sunflower	Yasumoto S, et al.	2011	10.1626/pps.14.233
		Effects of Plant Residue, Root Exudate and Juvenile Plants of Rapeseed (<i>Brassica napus</i> L.) on the Germination, Growth, Yield, and Quality of Subsequent Crops in Successive and Rotational Cropping Systems	Yasumoto S, et al.	2011	10.1626/pps.14.339
		Growth, Yield and Quality of Bird-Resistant Sunflower Cultivars Found in Genetic Resources	Yasumoto S, et al.	2012	10.1626/pps.15.23
		Changes in Seed Quality during Maturation of Sunflower under High or Changeable Water Table Conditions	Yasumoto S, et al.	2013	10.1626/pps.16.226
Tea gardens (1)		Soil Profile Alteration in a Brown Forest Soil under High-Input Tea Cultivation	Abe SS, et al.	2006	10.1626/pps.9.457
Tomato (1)		The Role of Active and Passive Water Uptake in Maintaining Leaf Water Status and Photosynthesis in Tomato under Water Deficit	Weng JH.	2000	10.1626/pps.3.296
<i>Trapa</i> (2)		Comparison of Growth and Yield Performance of Several Water Chestnut Species Collected from Southwestern Japan and Middle China	Arima S, et al.	1999	10.1626/pps.2.273
		Variation in Growth and Yield Performance of Seventeen Water Chestnut Accessions (<i>Trapa</i> spp.) Collected from Asia and Europe	Suriyagoda L, et al.	2007	10.1626/pps.10.372
Triticeae (1)		Specific Variation in Shoot Growth and Root Traits under Waterlogging Conditions of the Seedlings of Tribe Triticeae Including Mizutakamoji (<i>Agropyron humidum</i>)	Kubo K, et al.	2007	10.1626/pps.10.91
<i>Umbelliferae</i> (1)		Pharmacologically Active Saikosaponin in <i>Bupleurum falcatum</i> Detected by Competitive ELISA and Eastern Blotting Using Monoclonal Antibodies	Shon TK, et al.	2008	10.1626/pps.11.192
Vegetable (4)	Vegetable (1)	Transforming Subsistence Cropping in Asia	Rerkasem K, et al.	2005	10.1626/pps.8.275
	Greenhouse vegetable (1)	Annual Nutrient Balance and Soil Chemical Properties in Heavy Multiple Cropping System in the Coastal Area of Southeast Lake Dianchi, Yunnan Province, China	Wang Y, et al.	2015	10.1626/pps.18.323
	Intercropped vegetables (1)	Erosion Control on a Steep Sloped Coffee Field in Indonesia with Alley Cropping, Intercropped Vegetables, and No-Tillage	Iijima M, et al.	2003	10.1626/pps.6.224
	Vegetable yield (1)	Decreasing input-output balance by reducing chemical fertilizer input without yield loss in intensive cropping system in the Coastal Area of southeast Lake Dianchi, Yunnan Province, China	Wang Y, et al.	2016	10.1080/1343943X.2015.1128089

Water chestnut (2)		Comparison of Growth and Yield Performance of Several Water Chestnut Species Collected from Southwestern Japan and Middle China	Arima S, et al.	1999	10.1626/pps.2.273
		Variation in Growth and Yield Performance of Seventeen Water Chestnut Accessions (<i>Trapa</i> spp.) Collected from Asia and Europe	Suriyagoda L, et al.	2007	10.1626/pps.10.372
Weed (18)	Weed (3)	Extent and Implications of Weed Spatial Variability in Arable Crop Fields	Garibay SV, et al.	2001	10.1626/pps.4.259
		Tolerance of Rice (<i>Oryza sativa</i> L.) and Echinochloa Weeds to Growth Suppression by Rice Straw Added to Paddy Soil in Relation to Iron Toxicity	Nozoe T, et al.	2010	10.1626/pps.13.314
		Alternative Experimental Method Using a FRP Pot for Evaluating Wet Damage in Soybean and Morning Glory Grown under Excess Soil Water Conditions	Asakura S, et al.	2013	10.1626/pps.16.280
	Weed biomass (1)	Response of 10 Elite "Green Super Rice" Genotypes to Weed Infestation in Aerobic Rice Systems	Chauhan BS, et al.	2015	10.1626/pps.18.228
	Weed competitiveness (1)	Response of 10 Elite "Green Super Rice" Genotypes to Weed Infestation in Aerobic Rice Systems	Chauhan BS, et al.	2015	10.1626/pps.18.228
	Weed control (6)	Rice Direct Seeding Method with Recycled-paper Mulching	Ueno H, et al.	1999	10.1626/pps.2.53
		Optimal Planting Depth for Turmeric (<i>Curcuma longa</i> L.) Cultivation in Dark Red Soil in Okinawa Island, Southern Japan	Ishimine Y, et al.	2003	10.1626/pps.6.83
		Field Evaluation of Coffee Grounds Application for Crop Growth Enhancement, Weed Control, and Soil Improvement	Yamane K, et al.	2014	10.1626/pps.17.93
		Weed Management in Dry-Seeded Fine Rice under Varying Row Spacing in the Rice-Wheat System of Punjab, Pakistan	Khaliq A, et al.	2014	10.1626/pps.17.321
		Acidulocompost, a food waste compost with thermophilic lactic acid fermentation: its effects on potato production and weed growth	Asagi N, et al.	2016	10.1080/1343943X.2015.1128092
		Effect of Chinese Milk Vetch (<i>Astragalus sinicus</i> L.) as a Cover Crop on Weed Control, Growth and Yield of Wheat under Different Tillage Systems	Samarajeewa KB, et al.	2005	10.1626/pps.8.79
	Weed growth (1)	Weed Management in Dry-Seeded Fine Rice under Varying Row Spacing in the Rice-Wheat System of Punjab, Pakistan	Khaliq A, et al.	2014	10.1626/pps.17.321
	Weed management (1)	Phytotoxic Substances in Bangladeshi Allelopathic Rice BR 17	Kato-Noguchi H, et al.	2014	10.1626/pps.17.311
	Weed occurrence (1)	Effect of Incorporation of Hairy Vetch and Rye Grown as Cover Crops on Weed Suppression Related with Phenolics and Nitrogen Contents of Soil	Sung J-K, et al.	2010	10.1626/pps.13.80
	Weed smothering efficiency (1)	Productivity, Weed Dynamics, Nutrient Mining, and Monetary Advantage of Maize-Legume Intercropping in the Eastern Himalayan Region of India	Choudhary VK, et al.	2014	10.1626/pps.17.342
Weed spatial distribution (1)	Interseeding a Cover Crop as a Weed Management Tool is More Compatible with Soybean than with Maize in Organic Farming Systems	Uchino H, et al.	2015	10.1626/pps.18.187	
Weed suppression (1)	Stable Characteristics of Cover Crops for Weed Suppression in Organic Farming Systems	Uchino H, et al.	2011	10.1626/pps.14.75	
Weed terference (1)	Effects of Planting Pattern and Planting Distance on Growth and Yield of Turmeric (<i>Curcuma longa</i> L.)	Hossain A, et al.	2005	10.1626/pps.8.95	
White clover (1)	Allelopathic Potential of White, Red and Black Rice Cultivars	Kato-Noguchi H, et al.	2013	10.1626/pps.16.305	
Wild viola (1)	Ultrastructural Analysis of Electrofused Protoplasts from Pansy and Wild Viola by Scanning Electron Microscopy	Sato T, et al.	1998	10.1626/pps.1.288	
Winter crops (1)	Evaluation of Water-Saving Rice-Winter Crop Rotation System in a Suburb of Tokyo	Kamoshita A, et al.	2007	10.1626/pps.10.219	