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

HORMONE (67)

Keyword		Article title (downloadable pdf link)	Author	Year	DOI
Abscisic acid (ABA) (7)	Abscisic acid (ABA) (6)	Effect of Brassinolide Applied at the Meiosis and Flowering Stages on the Levels of Endogenous Plant Hormones during Grain-Filling in Rice Plant (*Oryza sativa* L.)	Saka H, et al.	2003	10.1626/pps.6.36
		Water-Extraction by Split-Roots of Sesbania and Pigeon Pea Exposed to Spatially Heterogeneous Distribution of Soil Water	Sekiya N, et al.	2006	10.1626/pps.9.191
		Relationship between Endogenous Abscisic Acid Level and the Appearance of "Me type" Rice Seedlings	Watanabe H, et al.	1998	10.1626/pps.1.240
		Regulation of Expression of D3-type Cyclins and ADP-Glucose Pyrophosphorylase Genes by Sugar, Cytokinin and ABA in Sweet Potato (*Ipomoea batatas* Lam.)	Nagata T, et al.	2009	10.1626/pps.12.434
		Effects of Soil Temperature on Growth and Root Function in Rice	Arai-Sanoh Y, et al.	2010	10.1626/pps.13.235
		Role of Abscisic Acid in Flood-Induced Secondary Aerenchyma Formation in Soybean (*Glycine max*) Hypocotyls	Shimamura S, et al.	2014	10.1626/pps.17.131
	Endogenous abscisic acid (1)	Dynamics of Abscisic Acid Levels during Grain-Filling in Rice: Comparisons between Superior and Inferior Spikelets	Tsukaguchi T, et al.	1999	10.1626/pps.2.223
Auxin (8)	Auxin (2)	Roles of Auxin and Cytokinin in Soybean Pod Setting	Nonokawa K, et al.	2007	10.1626/pps.10.199
		Effects of anti-auxins on secondary aerenchyma formation in flooded soybean hypocotyls	Shimamura S, et al.	2016	10.1080/1343943X.2015.1128101
	2,4-Dichlorophenoxyacetic acid (2,4-D) (3)	Differences in the Rates of Ethylene Production and Growth between the Calluses Derived from Rice (*Oryza sativa* L.) and Soybean (*Glycine max* (L.) Merr.)	Imakawa AM, et al.	2002	10.1626/pps.5.11
		Effect of 2,4-Dichlorophenoxyacetic Acid on the Effi ciency of Wheat Haploid Production by the *Hordeum bulbosum* Method	Ushiyama T, et al.	2006	10.1626/pps.9.206
		Effects of Various Phytohormones on Haploid Wheat Production in Wheat x Maize Crosses	Ushiyama T, et al.	2007	10.1626/pps.10.36
	Auxin polar transport (1)	Auxin Polar Transport is Essential for the Early Growth Stage of Etiolated Maize (*Zea mays* L. cv. Honey Bantam) Seedlings	Ueda J, et al.	2014	10.1626/pps.17.144
	Indoleacetic acid (IAA) (1)	Effect of Brassinolide Applied at the Meiosis and Flowering Stages on the Levels of Endogenous Plant Hormones during Grain-Filling in Rice Plant (*Oryza sativa* L.)	Saka H, et al.	2003	10.1626/pps.6.36
	Indole-3-acetic acid (1)	Auxin Polar Transport is Essential for the Early Growth Stage of Etiolated Maize (*Zea mays* L. cv. Honey Bantam) Seedlings	Ueda J, et al.	2014	10.1626/pps.17.144
Brassinolide (BL) (7)	Brassinolide (BL) (4)	Effects of Brassinolide on Mesocotyl, Coleoptile and Leaf Growth in Rice Seedlings	Chon NM, et al.	2000	10.1626/pps.3.360
		Distribution of Assimilates to Each Organ in Rice Plants Exposed to a Low Temperature at the Ripening Stage, and the Effect of Brassinolide on the Distribution	Fujii S, et al.	2001	10.1626/pps.4.136
		The Promotive Effect of Brassinolide on Lamina Joint-Cell Elongation, Germination and Seedling Growth under Low-Temperature Stress in Rice (*Oryza sativa* L.)	Fujii S, et al.	2001	10.1626/pps.4.210
		Effect of Brassinolide Applied at the Meiosis and Flowering Stages on the Levels of Endogenous Plant Hormones during Grain-Filling in Rice Plant (*Oryza sativa* L.)	Saka H, et al.	2003	10.1626/pps.6.36
	Brassinosteroid (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
	Epibrassinolide (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
	Homobrassinolide (1)	The Promotive Effect of Brassinolide on Lamina Joint-Cell Elongation, Germination and Seedling Growth under Low-Temperature Stress in Rice (*Oryza sativa* L.)	Fujii S, et al.	2001	10.1626/pps.4.210
Cytokinin (18)	Cytokinin (11)	Effects of Benzylaminopurine on Shoot and Root Development and Growth of Rice (cv. North Rose) Grown Hydroponically with Different Nitrogen Forms	Liu Z, et al.	2000	10.1626/pps.3.349
		Intra-Raceme Variation in Pod-Set Probability Is Associated with Cytokinin Content in Soybeans	Kokubun M, et al.	2000	10.1626/pps.3.354

Cytokinin (continued)	Cytokinin (continued)	Effects of Foliar and Root-Applied Benzylaminopurine on Tillering of Rice Plants Grown in Hydroponics	Liu Z, et al.	2001	10.1626/pps.4.220
		Effects of Soil Moisture Depletion for One Month before Flowering on Dry Matter Production and Ecophysiological Characteristics of Wheat Plants in Wet Soil during Grain Filling	Nakamura E, et al.	2003	10.1626/pps.6.195
		Effects of a Reduction in Soil Moisture from One Month before Flowering through Ripening on Dry Matter Production and Ecophysiological Characteristics of Wheat Plants	Nakagami K, et al.	2004	10.1626/pps.7.143
		Effects of Source/Sink Ratio and Cytokinin Application on Pod Set in Soybean	Yashima Y, et al.	2005	10.1626/pps.8.139
		Roles of Auxin and Cytokinin in Soybean Pod Setting	Nonokawa K, et al.	2007	10.1626/pps.10.199
		The Occurrence of Delayed Stem Senescence in Relation to *trans*-Zeatin Riboside Level in the Xylem Exudate in Soybeans Grown under Excess-Wet and Drought Soil Conditions	Sato J, et al.	2007	10.1626/pps.10.460
		Regulation of Expression of D3-type Cyclins and ADP-Glucose Pyrophosphorylase Genes by Sugar, Cytokinin and ABA in Sweet Potato (*Ipomoea batatas* Lam.)	Nagata T, et al.	2009	10.1626/pps.12.434
		Effects of Nitrogen on the Expression of Ribulose-1,5-Bisphosphate Carboxylase/Oxygenase Small Subunit Multigene Family Members in Rice (*Oryza sativa* L.)	Miyazaki N, et al.	2013	10.1626/pps.16.37
		Varietal Difference in the Occurrence of Delayed Stem Senescence and Cytokinin Level in the Xylem Exudate in Soybeans	Isobe K, et al.	2015	10.1626/pps.18.356
	Benzylaminopurine (BAP) (4)	Field Performance of In vitro-propagated and Sucker-derived Plants of Banana (*Musa* spp.)	Buah JN, et al.	2000	10.1626/pps.3.124
		Effects of Benzylaminopurine on Shoot and Root Development and Growth of Rice (cv. North Rose) Grown Hydroponically with Different Nitrogen Forms	Liu Z, et al.	2000	10.1626/pps.3.349
		Effects of Foliar and Root-Applied Benzylaminopurine on Tillering of Rice Plants Grown in Hydroponics	Liu Z, et al.	2001	10.1626/pps.4.220
		Differences in the Rates of Ethylene Production and Growth between the Calluses Derived from Rice (*Oryza sativa* L.) and Soybean (*Glycine max* (L.) Merr.)	Imakawa AM, et al.	2002	10.1626/pps.5.11
	Cytokinin application (1)	Effect of Synthetic Cytokinin Application on Pod Setting of Individual Florets within Raceme in Soybean	Nonokawa K, et al.	2012	10.1626/pps.15.79
	Endogenous cytokinin (1)	Effect of Synthetic Cytokinin Application on Pod Setting of Individual Florets within Raceme in Soybean	Nonokawa K, et al.	2012	10.1626/pps.15.79
	Thidiazuron (1)	Effect of Urea-Type Cytokinins on the Adventitious Shoots Regeneration from Cotyledonary Node Explant in the Common Ice Plant, *Mesembryanthemum crystallinum*	Sunagawa H, et al.	2007	10.1626/pps.10.47
Ethylene (8)	Ethylene (7)	Differences in the Rates of Ethylene Production and Growth between the Calluses Derived from Rice (*Oryza sativa* L.) and Soybean (*Glycine max* (L.) Merr.)	Imakawa AM, et al.	2002	10.1626/pps.5.11
		Differential Regulation of the Conversion of 1-aminocyclopropane-1-carboxylate to Ethylene in Excised Leaf Sheaths and Leaf Blades of Rice (*Oryza sativa* L.) Seedlings	Kobayashi H, et al.	2002	10.1626/pps.5.28
		Responses of the First Internodes of Hong Mang Mai Wheat to Ethylene, Gibberellins and Potassium	Nishizawa T, et al.	2002	10.1626/pps.5.93
		Effect of Brassinolide Applied at the Meiosis and Flowering Stages on the Levels of Endogenous Plant Hormones during Grain-Filling in Rice Plant (*Oryza sativa* L.)	Saka H, et al.	2003	10.1626/pps.6.36
		Effects of the Combined Application of Ethephon and Gibberellin on Growth of Rice (*Oryza sativa* L.) Seedlings	Watanabe H, et al.	2007	10.1626/pps.10.468
		Cloning of a Cytochrome P450 Gene Induced by Ethylene Treatment in Deepwater Rice (*Oryza sativa* L.)	Watanabe H, et al.	2008	10.1626/pps.11.124
		Relation between O_3-Inhibition of Photosynthesis and Ethylene in Paddy Rice Grown under Different CO_2 Concentrations	Kobayakawa H, et al.	2015	10.1626/pps.18.22
	Ethylene evolution (1)	Relationship between Ethylene Evolution and Sucrose Content in Excised Leaf Blades of Rice	Kobayashi H, et al.	2000	10.1626/pps.3.398

Gibberellin (11)	Gibberellin (4)	Responses of the First Internodes of Hong Mang Mai Wheat to Ethylene, Gibberellins and Potassium	Nishizawa T, et al.	2002	10.1626/pps.5.93
		Endogenous Gibberellins in Bulbils of Chinese Yam during Growth and Storage	Kim SK, et al.	2005	10.1626/pps.8.181
		Effects of the Combined Application of Ethephon and Gibberellin on Growth of Rice (*Oryza sativa* L.) Seedlings	Watanabe H, et al.	2007	10.1626/pps.10.468
		Effect of Gibberellin and Uniconazole on Mesocotyl Elongation of Dark-Grown Maize under Different Seeding Depths	Zhao G, et al.	2008	10.1626/pps.11.423
	Gibberellic acid (3)	Effects of Gibberellic Acid Application on Panicle Characteristics and Size of Shoot Apex in the First Bract Differentiation Stage in Rice	Mu C, et al.	2001	10.1626/pps.4.227
		Relationship between Dry Weight at Heading and the Number of Spikelets on Individual Rice Tillers	Shiratsuchi H, et al.	2007	10.1626/pps.10.430
		Responses of Rice Genotypes Carrying Different Dwarf Genes to *Fusarium moniliforme* and Gibberellic Acid	Ma L, et al.	2008	10.1626/pps.11.134
	Gibberellic acid response (1)	Response to GA and Variation of the Culm Length in Doubled Haploid Lines of Wheat	Ushiyama T, et al.	2008	10.1626/pps.11.217
	Gibberellin A3 (2)	GA3 and Proline Promote Germination of Wheat Seeds by Stimulating a-Amylase at Unfavorable Temperatures	Sultana N, et al.	2000	10.1626/pps.3.232
		Effects of Gibberellic Acid Application on Panicle Characteristics and Size of Shoot Apex in the First Bract Differentiation Stage in Rice	Mu C, et al.	2001	10.1626/pps.4.227
	Gibberellin biosynthesis inhibitor (1)	Effect of Dwarfing Induced by Uniconazole-P on Snow Tolerance of the Faba Bean (*Vicia faba* L.)	Fukuta N, et al.	2001	10.1626/pps.4.189
Jasmonate (5)	Jasmonate (1)	Effects of Jasmonates on in vitro Tuberization in Several Potato Cultivars that Differ Greatly in Maturity	Koda Y, et al.	2001	10.1626/pps.4.66
	Jasmonic acid (2)	Effects of Jasmonates on in vitro Tuberization in Several Potato Cultivars that Differ Greatly in Maturity	Koda Y, et al.	2001	10.1626/pps.4.66
		Stimulation of Root Thickening and Inhibition of Bolting by Jasmonic Acid in Beet Plants	Koda Y, et al.	2001	10.1626/pps.4.131
	Methyl jasmonate (1)	Sterility and Poor Pollination Due to Early Flower Opening Induced by Methyl Jasmonate	Kobayasi K, et al.	2010	10.1626/pps.13.29
	Airborne methyl jasmonate (1)	Effects of Jasmonates on in vitro Tuberization in Several Potato Cultivars that Differ Greatly in Maturity	Koda Y, et al.	2001	10.1626/pps.4.66
Phytohormone (2)		The Effects of Figaron and Water Deficit on Seed Yield of Two Soybean Cultivars	Nahar BS, et al.	2002	10.1626/pps.5.124
		Effects of Various Phytohormones on Haploid Wheat Production in Wheat x Maize Crosses	Ushiyama T, et al.	2007	10.1626/pps.10.36
Salicylic acid (1)		Extracellular ATP is Involved in the Salicylic Acid-Induced Cell Death in Suspension-Cultured Tobacco Cells	Feng HQ, et al.	2015	10.1626/pps.18.154