

# Signaling Network in Sensing Phosphate Availability in

Annual Review of Plant Biology

62, 185-206

DOI: [10.1146/annurev-arplant-042110-103849](https://doi.org/10.1146/annurev-arplant-042110-103849)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A Neural Basis for Expert Object Recognition. <i>Psychological Science</i> , 2001, 12, 43-47.	1.8	429
2	The Role of MicroRNAs in Phosphorus Deficiency Signaling. <i>Plant Physiology</i> , 2011, 156, 1016-1024.	2.3	143
3	Roles of Arbuscular Mycorrhizas in Plant Phosphorus Nutrition: Interactions between Pathways of Phosphorus Uptake in Arbuscular Mycorrhizal Roots Have Important Implications for Understanding and Manipulating Plant Phosphorus Acquisition. <i>Plant Physiology</i> , 2011, 156, 1050-1057.	2.3	862
4	Phosphate import in plants: focus on the PHT1 transporters. <i>Frontiers in Plant Science</i> , 2011, 2, 83.	1.7	427
5	Investigating the Contribution of the Phosphate Transport Pathway to Arsenic Accumulation in Rice. <i>Plant Physiology</i> , 2011, 157, 498-508.	2.3	299
6	Phosphate Deprivation in Maize: Genetics and Genomics. <i>Plant Physiology</i> , 2011, 156, 1067-1077.	2.3	83
7	Vacuolar Ca <sup>2+</sup> /H <sup>+</sup> Transport Activity Is Required for Systemic Phosphate Homeostasis Involving Shoot-to-Root Signaling in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2011, 156, 1176-1189.	2.3	72
8	Smart role of plant 14-3-3 proteins in response to phosphate deficiency. <i>Plant Signaling and Behavior</i> , 2012, 7, 1047-1048.	1.2	9
9	Rosette iron deficiency transcript and microRNA profiling reveals links between copper and iron homeostasis in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2012, 63, 5903-5918.	2.4	129
10	Strigolactones Are Involved in Root Response to Low Phosphate Conditions in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2012, 160, 1329-1341.	2.3	191
11	PHO2-Dependent Degradation of PHO1 Modulates Phosphate Homeostasis in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 2168-2183.	3.1	308
12	Ethylene's Role in Phosphate Starvation Signaling: More than Just a Root Growth Regulator. <i>Plant and Cell Physiology</i> , 2012, 53, 277-286.	1.5	101
13	Recent Advances in Nutrient Sensing and Signaling. <i>Molecular Plant</i> , 2012, 5, 1170-1172.	3.9	11
14	Overexpression of <i>OsPAP10a</i> , A Root-Associated Acid Phosphatase, Increased Extracellular Organic Phosphorus Utilization in Rice. <i>Journal of Integrative Plant Biology</i> , 2012, 54, 631-639.	4.1	88
15	<i>Brassica napus</i> PHR1 Gene Encoding a MYB-Like Protein Functions in Response to Phosphate Starvation. <i>PLoS ONE</i> , 2012, 7, e44005.	1.1	80
16	Overexpression of <i>GbWRKY1</i> positively regulates the Pi starvation response by alteration of auxin sensitivity in <i>Arabidopsis</i> . <i>Plant Cell Reports</i> , 2012, 31, 2177-2188.	2.8	39
17	And yet it moves: Cell-to-cell and long-distance signaling by plant microRNAs. <i>Plant Science</i> , 2012, 196, 18-30.	1.7	76
18	Changes in expression of soluble inorganic pyrophosphatases of <i>Phaseolus vulgaris</i> under phosphate starvation. <i>Plant Science</i> , 2012, 187, 39-48.	1.7	22

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19	Functional characterization of the rice <i>SPX</i> family reveals a key role of <i>OsSPX1</i> in controlling phosphate homeostasis in leaves. <i>New Phytologist</i> , 2012, 196, 139-148.	3.5	139
20	Root system morphology and primary root anatomy in natural non-metallicolous and metallicolous populations of three <i>Arabidopsis</i> species differing in heavy metal tolerance. <i>Biologia (Poland)</i> , 2012, 67, 505-516.	0.8	21
21	Bioengineering and management for efficient phosphorus utilization in crops and pastures. <i>Current Opinion in Biotechnology</i> , 2012, 23, 866-871.	3.3	87
22	Fresh perspectives on the roles of arbuscular mycorrhizal fungi in plant nutrition and growth. <i>Mycologia</i> , 2012, 104, 1-13.	0.8	350
23	The Role of the P1BS Element Containing Promoter-Driven Genes in Pi Transport and Homeostasis in Plants. <i>Frontiers in Plant Science</i> , 2012, 3, 58.	1.7	32
25	Nature and nurture: the importance of seed phosphorus content. <i>Plant and Soil</i> , 2012, 357, 1-8.	1.8	167
26	Stimulation of phosphorus uptake by ammonium nutrition involves plasma membrane H <sup>+</sup> ATPase in rice roots. <i>Plant and Soil</i> , 2012, 357, 205-214.	1.8	56
27	How do nitrogen and phosphorus deficiencies affect strigolactone production and exudation?. <i>Planta</i> , 2012, 235, 1197-1207.	1.6	299
28	The emerging importance of the SPX domain-containing proteins in phosphate homeostasis. <i>New Phytologist</i> , 2012, 193, 842-851.	3.5	269
29	<i>TFT6</i> and <i>TFT7</i> , two different members of tomato <i>14-3-3</i> gene family, play distinct roles in plant adaption to low phosphorus stress. <i>Plant, Cell and Environment</i> , 2012, 35, 1393-1406.	2.8	66
30	Functional expression of PHO1 to the Golgi and trans-Golgi network and its role in export of inorganic phosphate. <i>Plant Journal</i> , 2012, 71, 479-491.	2.8	125
31	Phylogeny, structural evolution and functional diversification of the plant PHOSPHATE1 gene family: a focus on <i>Glycine max</i> . <i>BMC Evolutionary Biology</i> , 2013, 13, 103.	3.2	25
32	Adaptation of maize source leaf metabolism to stress related disturbances in carbon, nitrogen and phosphorus balance. <i>BMC Genomics</i> , 2013, 14, 442.	1.2	100
33	Genome-wide co-expression analysis predicts protein kinases as important regulators of phosphate deficiency-induced root hair remodeling in <i>Arabidopsis</i> . <i>BMC Genomics</i> , 2013, 14, 210.	1.2	34
34	PASmiR: a literature-curated database for miRNA molecular regulation in plant response to abiotic stress. <i>BMC Plant Biology</i> , 2013, 13, 33.	1.6	86
35	Phosphorus nutrition of woody plants: many questions – few answers. <i>Plant Biology</i> , 2013, 15, 785-788.	1.8	55
36	Long-Distance Systemic Signaling and Communication in Plants. <i>Signaling and Communication in Plants</i> , 2013, , .	0.5	16
37	Proteomics dissection of plant responses to mineral nutrient deficiency. <i>Proteomics</i> , 2013, 13, 624-636.	1.3	76

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38	Synthesis and Characterization of Cell-Permeable Caged Phosphates that Can Be Photolyzed by Visible Light or 800 nm Two-Photon Photolysis. <i>ChemBioChem</i> , 2013, 14, 2277-2283.	1.3	14
39	Characterization of hydroxyphenol-terminated alkanethiol self-assembled monolayers: Interactions with phosphates by chemical force spectrometry. <i>Journal of Colloid and Interface Science</i> , 2013, 393, 352-360.	5.0	10
40	A Dual Role of Strigolactones in Phosphate Acquisition and Utilization in Plants. <i>International Journal of Molecular Sciences</i> , 2013, 14, 7681-7701.	1.8	117
41	Characterization of phosphorus-regulated miR399 and miR827 and their isomirs in barley under phosphorus-sufficient and phosphorus-deficient conditions. <i>BMC Plant Biology</i> , 2013, 13, 214.	1.6	94
42	Proteomics identifies ubiquitin-proteasome targets and new roles for chromatin-remodeling in the Arabidopsis response to phosphate starvation. <i>Journal of Proteomics</i> , 2013, 94, 1-22.	1.2	28
43	<sc>ALFIN</sc> 6 is involved in root hair elongation during phosphate deficiency in Arabidopsis. <i>New Phytologist</i> , 2013, 198, 709-720.	3.5	109
44	Effect of elevated CO <sub>2</sub> on phosphorus nutrition of phosphate-deficient <i>Arabidopsis thaliana</i> (L.) Heynh under different nitrogen forms. <i>Journal of Experimental Botany</i> , 2013, 64, 355-367.	2.4	50
45	Roles of Ubiquitination in the Control of Phosphate Starvation Responses in Plants<sup>F</sup>. <i>Journal of Integrative Plant Biology</i> , 2013, 55, 40-53.	4.1	31
46	A balanced polymorphism in biomass resource allocation controlled by phosphate in grasses screened through arsenate tolerance. <i>Environmental and Experimental Botany</i> , 2013, 96, 43-51.	2.0	3
47	Nitrogen and phosphorus interaction and cytokinin: Responses of the primary root of <i>Arabidopsis thaliana</i> and the <i>pdr1</i> mutant. <i>Plant Science</i> , 2013, 198, 91-97.	1.7	31
48	Higher leaf area and post-silking P uptake conferred by introgressed DNA segments in the backcross maize line 224. <i>Field Crops Research</i> , 2013, 151, 78-84.	2.3	5
49	The Plant Vascular System: Evolution, Development and Functions<sup>F</sup>. <i>Journal of Integrative Plant Biology</i> , 2013, 55, 294-388.	4.1	553
50	Strigolactones and the Coordinated Development of Shoot and Root. <i>Signaling and Communication in Plants</i> , 2013, , 189-204.	0.5	15
51	Matching roots to their environment. <i>Annals of Botany</i> , 2013, 112, 207-222.	1.4	247
52	Arabidopsis Copper Transport Protein COPT2 Participates in the Cross Talk between Iron Deficiency Responses and Low-Phosphate Signaling. <i>Plant Physiology</i> , 2013, 162, 180-194.	2.3	113
53	Identification of a Dual-Targeted Protein Belonging to the Mitochondrial Carrier Family That Is Required for Early Leaf Development in Rice. <i>Plant Physiology</i> , 2013, 161, 2036-2048.	2.3	25
54	Genetic approaches to enhancing phosphorus-use efficiency (PUE) in crops: challenges and directions. <i>Crop and Pasture Science</i> , 2013, 64, 179.	0.7	44
55	Spatio-Temporal Transcript Profiling of Rice Roots and Shoots in Response to Phosphate Starvation and Recovery. <i>Plant Cell</i> , 2013, 25, 4285-4304.	3.1	295

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57	Identification of Downstream Components of Ubiquitin-Conjugating Enzyme PHOSPHATE2 by Quantitative Membrane Proteomics in <i>Arabidopsis</i> Roots. <i>Plant Cell</i> , 2013, 25, 4044-4060.	3.1	242
58	Systemic regulation of mineral homeostasis by micro RNAs. <i>Frontiers in Plant Science</i> , 2013, 4, 145.	1.7	51
59	The Role of Strigolactones in Nutrient-Stress Responses in Plants. <i>International Journal of Molecular Sciences</i> , 2013, 14, 9286-9304.	1.8	67
60	NITROGEN LIMITATION ADAPTATION, a Target of MicroRNA827, Mediates Degradation of Plasma Membrane-Localized Phosphate Transporters to Maintain Phosphate Homeostasis in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 4061-4074.	3.1	273
61	Phosphorus nutrition of phosphorus-sensitive Australian native plants: threats to plant communities in a global biodiversity hotspot. , 2013, 1, cot010-cot010.		76
62	A Member of the Heavy Metal P-Type ATPase OshMA5 Is Involved in Xylem Loading of Copper in Rice. <i>Plant Physiology</i> , 2013, 163, 1353-1362.	2.3	154
63	An RNA-Seq Transcriptome Analysis of Orthophosphate-Deficient White Lupin Reveals Novel Insights into Phosphorus Acclimation in Plants. <i>Plant Physiology</i> , 2013, 161, 705-724.	2.3	184
64	The interplay between P uptake pathways in mycorrhizal peas: a combined physiological and gene-silencing approach. <i>Physiologia Plantarum</i> , 2013, 149, 234-248.	2.6	30
65	A phosphate starvation response regulator Ta-PHR1 is involved in phosphate signalling and increases grain yield in wheat. <i>Annals of Botany</i> , 2013, 111, 1139-1153.	1.4	139
66	Strigolactones activate different hormonal pathways for regulation of root development in response to phosphate growth conditions. <i>Annals of Botany</i> , 2013, 112, 409-415.	1.4	44
67	Responses of root architecture development to low phosphorus availability: a review. <i>Annals of Botany</i> , 2013, 112, 391-408.	1.4	433
68	Ethylene and the responses of plants to phosphate deficiency. <i>AoB PLANTS</i> , 2013, 5, plt013-plt013.	1.2	18
69	The Temporal Transcriptomic Response of <i>Pinus massoniana</i> Seedlings to Phosphorus Deficiency. <i>PLoS ONE</i> , 2014, 9, e105068.	1.1	32
70	The Effects of Fluctuations in the Nutrient Supply on the Expression of Five Members of the AGL17 Clade of MADS-Box Genes in Rice. <i>PLoS ONE</i> , 2014, 9, e105597.	1.1	30
71	OsCYCP1;1, a PHO80 homologous protein, negatively regulates phosphate starvation signaling in the roots of rice ( <i>Oryza sativa</i> L.). <i>Plant Molecular Biology</i> , 2014, 86, 655-669.	2.0	16
72	Efficient Mineral Nutrition: Genetic Improvement of Phosphate Uptake and Use Efficiency in Crops. <i>Plant Ecophysiology</i> , 2014, , 93-132.	1.5	3
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75	Strigolactones: Biosynthesis, Synthesis and Functions in Plant Growth and Stress Responses. , 2014, , 265-288.		6
76	SPX4 Negatively Regulates Phosphate Signaling and Homeostasis through Its Interaction with PHR2 in Rice. <i>Plant Cell</i> , 2014, 26, 1586-1597.	3.1	256
77	Identification of Phosphatin, a Drug Alleviating Phosphate Starvation Responses in Arabidopsis. <i>Plant Physiology</i> , 2014, 166, 1479-1491.	2.3	20
78	Activity of the Brassinosteroid Transcription Factors BRASSINAZOLE RESISTANT1 and BRASSINOSTEROID INSENSITIVE1-ETHYL METHANESULFONATE-SUPPRESSOR1/BRASSINAZOLE RESISTANT2 Blocks Developmental Reprogramming in Response to Low Phosphate Availability. <i>Plant Physiology</i> , 2014, 166, 678-688.	2.3	77
79	Transcriptome responses to phosphate deficiency in <i>Poncirus trifoliata</i> (L.) Raf. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 3207-3215.	1.0	7
80	Activation of MKK9 and MPK3/MPK6 enhances phosphate acquisition in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2014, 203, 1146-1160.	3.5	53
81	RNA-seq transcriptome profiling reveals that <i>Medicago truncatula</i> nodules acclimate N <sub>2</sub> fixation before emerging P deficiency reaches the nodules. <i>Journal of Experimental Botany</i> , 2014, 65, 6035-6048.	2.4	76
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85	Identification of microRNAs in six solanaceous plants and their potential link with phosphate and mycorrhizal signaling. <i>Journal of Integrative Plant Biology</i> , 2014, 56, 1164-1178.	4.1	38
87	Phosphate relieves chromium toxicity in Arabidopsis thaliana plants by interfering with chromate uptake. <i>BioMetals</i> , 2014, 27, 363-370.	1.8	48
88	Organ-specific phosphorus allocation patterns and transcript profiles linked to phosphorus efficiency in two contrasting wheat genotypes. <i>Plant, Cell and Environment</i> , 2014, 37, 943-960.	2.8	59
89	Phosphate Nutrition: Improving Low-Phosphate Tolerance in Crops. <i>Annual Review of Plant Biology</i> , 2014, 65, 95-123.	8.6	634
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91	Root Engineering. <i>Soil Biology</i> , 2014, , .	0.6	7
92	Are rice ( <i>Oryza sativa</i> L.) phosphate transporters regulated similarly by phosphate and arsenate? A comprehensive study. <i>Plant Molecular Biology</i> , 2014, 85, 301-316.	2.0	47

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93	The paralogous SPX3 and SPX5 genes redundantly modulate Pi homeostasis in rice. <i>Journal of Experimental Botany</i> , 2014, 65, 859-870.	2.4	88
94	Adventitious Roots and Lateral Roots: Similarities and Differences. <i>Annual Review of Plant Biology</i> , 2014, 65, 639-666.	8.6	471
95	Role of microRNAs in plant responses to nutrient stress. <i>Plant and Soil</i> , 2014, 374, 1005-1021.	1.8	96
96	Phospholipases in Plant Response to Nitrogen and Phosphorus Availability. <i>Signaling and Communication in Plants</i> , 2014, , 159-180.	0.5	5
97	Phospholipases in Plant Signaling. <i>Signaling and Communication in Plants</i> , 2014, , .	0.5	12
98	Regulation of root morphogenesis in arbuscular mycorrhizae: what role do fungal exudates, phosphate, sugars and hormones play in lateral root formation?. <i>Annals of Botany</i> , 2014, 113, 19-33.	1.4	127
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100	Virus-Based MicroRNA Silencing in Plants. <i>Plant Physiology</i> , 2014, 164, 36-47.	2.3	78
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103	Comparative characterization of GmSPX members reveals that GmSPX3 is involved in phosphate homeostasis in soybean. <i>Annals of Botany</i> , 2014, 114, 477-488.	1.4	59
104	<i>Arabidopsis</i> inositol pentakisphosphate 2â€kinase, <sc>A</sc>t<sc>IPK</sc>1, is required for growth and modulates phosphate homeostasis at the transcriptional level. <i>Plant Journal</i> , 2014, 80, 503-515.	2.8	81
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107	<i>Pteris vittata</i> continuously removed arsenic from non-labile fraction in three contaminated-soils during 3.5 years of phytoextraction. <i>Journal of Hazardous Materials</i> , 2014, 279, 485-492.	6.5	54
108	Phosphate and zinc transport and signalling in plants: toward a better understanding of their homeostasis interaction. <i>Journal of Experimental Botany</i> , 2014, 65, 5725-5741.	2.4	109
109	SPX1 is a phosphate-dependent inhibitor of PHOSPHATE STARVATION RESPONSE 1 in <i>Arabidopsis</i>. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14947-14952.	3.3	372
110	GmPAP4, a novel purple acid phosphatase gene isolated from soybean ( <i>Glycine max</i> ), enhanced extracellular phytate utilization in <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 2014, 33, 655-667.	2.8	45
111	Molecular mechanisms underlying phosphate sensing, signaling, and adaptation in plants. <i>Journal of Integrative Plant Biology</i> , 2014, 56, 192-220.	4.1	328

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112	RNA-seq analysis identifies an intricate regulatory network controlling cluster root development in white lupin. <i>BMC Genomics</i> , 2014, 15, 230.	1.2	43
113	SPX1 is an important component in the phosphorus signalling network of common bean regulating root growth and phosphorus homeostasis. <i>Journal of Experimental Botany</i> , 2014, 65, 3299-3310.	2.4	57
114	Oxygen deficit alleviates phosphate overaccumulation toxicity in OsPHR2 overexpression plants. <i>Journal of Plant Research</i> , 2014, 127, 433-440.	1.2	9
115	Strigolactones are involved in phosphate- and nitrate-deficiency-induced root development and auxin transport in rice. <i>Journal of Experimental Botany</i> , 2014, 65, 6735-6746.	2.4	294
116	Overexpression of OsMYB4P, an R2R3-type MYB transcriptional activator, increases phosphate acquisition in rice. <i>Plant Physiology and Biochemistry</i> , 2014, 80, 259-267.	2.8	66
117	Fine characterization of OsPHO2 knockout mutants reveals its key role in Pi utilization in rice. <i>Journal of Plant Physiology</i> , 2014, 171, 340-348.	1.6	37
118	Understanding plant responses to phosphorus starvation for improvement of plant tolerance to phosphorus deficiency by biotechnological approaches. <i>Critical Reviews in Biotechnology</i> , 2014, 34, 16-30.	5.1	88
122	Boron-deficiency-responsive microRNAs and their targets in <i>Citrus sinensis</i> leaves. <i>BMC Plant Biology</i> , 2015, 15, 271.	1.6	34
124	Stress induced gene expression drives transient DNA methylation changes at adjacent repetitive elements. <i>ELife</i> , 2015, 4, .	2.8	285
125	Ethylene and plant responses to phosphate deficiency. <i>Frontiers in Plant Science</i> , 2015, 6, 796.	1.7	86
127	<i>Peanut stunt virus</i>-induced gene silencing in white lupin (<i>Lupinus</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342 T	0.5	12
128	WRKY42 Modulates Phosphate Homeostasis through Regulating Phosphate Translocation and Acquisition in <i>Arabidopsis</i> Å. <i>Plant Physiology</i> , 2015, 167, 1579-1591.	2.3	153
129	Elucidation of Abiotic Stress Signaling in Plants. , 2015, , .		12
130	Shoot organogenesis from roots of seabuckthorn ( <i>Hippophaë rhamnoides</i> L.): structure, initiation and effects of phosphorus and auxin. <i>Trees - Structure and Function</i> , 2015, 29, 1989-2001.	0.9	3
131	Characterisation of the phytase gene in trifoliolate orange ( <i>Poncirus trifoliata</i> (L.) Raf.) seedlings. <i>Scientia Horticulturae</i> , 2015, 194, 222-229.	1.7	3
132	Hormonal interactions during cluster-root development in phosphate-deficient white lupin ( <i>Lupinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 T	1.6	23
133	Live Imaging of Inorganic Phosphate in Plants with Cellular and Subcellular Resolution Å. <i>Plant Physiology</i> , 2015, 167, 628-638.	2.3	50
134	<i>Arabidopsis</i> response to low-phosphate conditions includes active changes in actin filaments and PIN2 polarization and is dependent on strigolactone signalling. <i>Journal of Experimental Botany</i> , 2015, 66, 1499-1510.	2.4	42



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135	Integrative Comparison of the Role of the PHOSPHATE RESPONSE1 Subfamily in Phosphate Signaling and Homeostasis in Rice. <i>Plant Physiology</i> , 2015, 168, 1762-1776.	2.3	152
136	Two short sequences in OsNAR2.1 promoter are necessary for fully activating the nitrate induced gene expression in rice roots. <i>Scientific Reports</i> , 2015, 5, 11950.	1.6	8
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138	miRNA778 and SUVH6 are involved in phosphate homeostasis in Arabidopsis. <i>Plant Science</i> , 2015, 238, 273-285.	1.7	33
139	Arabidopsis RING E3 ubiquitin ligase AtATL80 is negatively involved in phosphate mobilization and cold stress response in sufficient phosphate growth conditions. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 793-799.	1.0	41
141	Genetic manipulation of a high-affinity PHR1 target cis-element to improve phosphorous uptake in <i>Oryza sativa</i> L.. <i>Plant Molecular Biology</i> , 2015, 87, 429-440.	2.0	53
146	Replace, reuse, recycle: improving the sustainable use of phosphorus by plants. <i>Journal of Experimental Botany</i> , 2015, 66, 3523-3540.	2.4	135
148	Interaction between carbon metabolism and phosphate accumulation is revealed by a mutation of a cellulose synthase-like protein, CSLF6. <i>Journal of Experimental Botany</i> , 2015, 66, 2557-2567.	2.4	16
149	Linking phosphorus availability with photo-oxidative stress in plants. <i>Journal of Experimental Botany</i> , 2015, 66, 2889-2900.	2.4	115
150	OsSPX-MFS3, a vacuolar phosphate efflux transporter, is involved in maintaining Pi homeostasis in rice. <i>Plant Physiology</i> , 2015, 169, pp.01005.2015.	2.3	109
151	Strigolactone signaling in root development and phosphate starvation. <i>Plant Signaling and Behavior</i> , 2015, 10, e1045174.	1.2	32
152	Significance of Long-Distance Transport. <i>Proceedings of the International Plant Sulfur Workshop</i> , 2015, , 21-35.	0.1	1
153	ESCRT-III-Associated Protein ALIX Mediates High-Affinity Phosphate Transporter Trafficking to Maintain Phosphate Homeostasis in Arabidopsis. <i>Plant Cell</i> , 2015, 27, 2560-2581.	3.1	81
154	<i>OsSIZ1</i> , a SUMO E3 Ligase Gene, is Involved in the Regulation of the Responses to Phosphate and Nitrogen in Rice. <i>Plant and Cell Physiology</i> , 2015, 56, 2381-2395.	1.5	59
155	Shoot-derived signals other than auxin are involved in systemic regulation of strigolactone production in roots. <i>Planta</i> , 2015, 241, 687-698.	1.6	36
156	Phosphatidylinositol phosphate 5-kinase genes respond to phosphate deficiency for root hair elongation in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2015, 81, 426-437.	2.8	23
157	A Wheat CCAAT Box-Binding Transcription Factor Increases the Grain Yield of Wheat with Less Fertilizer Input. <i>Plant Physiology</i> , 2015, 167, 411-423.	2.3	162
158	Molecular mechanisms of phosphate and zinc signalling crosstalk in plants: Phosphate and zinc loading into root xylem in Arabidopsis. <i>Environmental and Experimental Botany</i> , 2015, 114, 57-64.	2.0	30

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159	Phosphate transporter OsPht1;8 in rice plays an important role in phosphorus redistribution from source to sink organs and allocation between embryo and endosperm of seeds. <i>Plant Science</i> , 2015, 230, 23-32.	1.7	69
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