

Zhongchang Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/661868/publications.pdf>

Version: 2024-02-01

20
papers

2,793
citations

394421

19
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

2597
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | PROTEIN PHOSPHATASE95 Regulates Phosphate Homeostasis by Affecting Phosphate Transporter Trafficking in Rice. <i>Plant Cell</i> , 2020, 32, 740-757. | 6.6 | 47 |
| 2 | LARGE ROOT ANGLE1, encoding OsPIN2, is involved in root system architecture in rice. <i>Journal of Experimental Botany</i> , 2018, 69, 385-397. | 4.8 | 70 |
| 3 | OsHAC4 is critical for arsenate tolerance and regulates arsenic accumulation in rice. <i>New Phytologist</i> , 2017, 215, 1090-1101. | 7.3 | 156 |
| 4 | LIGHT-INDUCED RICE1 Regulates Light-Dependent Attachment of LEAF-TYPE FERREDOXIN-NADP ⁺ OXIDOREDUCTASE to the Thylakoid Membrane in Rice and Arabidopsis. <i>Plant Cell</i> , 2016, 28, 712-728. | 6.6 | 23 |
| 5 | 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. | 4.8 | 152 |
| 6 | 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. | 3.9 | 53 |
| 7 | The Rice CK2 Kinase Regulates Trafficking of Phosphate Transporters in Response to Phosphate Levels. <i>Plant Cell</i> , 2015, 27, 711-723. | 6.6 | 120 |
| 8 | SPX4 Negatively Regulates Phosphate Signaling and Homeostasis through Its Interaction with PHR2 in Rice. <i>Plant Cell</i> , 2014, 26, 1586-1597. | 6.6 | 256 |
| 9 | Phosphate transporters OsPHT1 ⁹ and OsPHT1 ¹⁰ are involved in phosphate uptake in rice. <i>Plant, Cell and Environment</i> , 2014, 37, 1159-1170. | 5.7 | 135 |
| 10 | The paralogous SPX3 and SPX5 genes redundantly modulate Pi homeostasis in rice. <i>Journal of Experimental Botany</i> , 2014, 65, 859-870. | 4.8 | 88 |
| 11 | Rice SPX1 and SPX2 inhibit phosphate starvation responses through interacting with PHR2 in a phosphate-dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14953-14958. | 7.1 | 335 |
| 12 | Assessing the contributions of lateral roots to element uptake in rice using an auxin-related lateral root mutant. <i>Plant and Soil</i> , 2013, 372, 125-136. | 3.7 | 26 |
| 13 | Identification of a novel mitochondrial protein, short postembryonic roots 1 (SPR1), involved in root development and iron homeostasis in <i>Oryza sativa</i> . <i>New Phytologist</i> , 2011, 189, 843-855. | 7.3 | 36 |
| 14 | Investigating the Contribution of the Phosphate Transport Pathway to Arsenic Accumulation in Rice. <i>Plant Physiology</i> , 2011, 157, 498-508. | 4.8 | 299 |
| 15 | OsPHF1 Regulates the Plasma Membrane Localization of Low- and High-Affinity Inorganic Phosphate Transporters and Determines Inorganic Phosphate Uptake and Translocation in Rice. <i>Plant Physiology</i> , 2011, 157, 269-278. | 4.8 | 144 |
| 16 | Regulation of OsSPX1 and OsSPX3 on Expression of OsSPX domain Genes and Pi Starvation Signaling in Rice. <i>Journal of Integrative Plant Biology</i> , 2009, 51, 663-674. | 8.5 | 119 |
| 17 | OsCYT-INV1 for alkaline/neutral invertase is involved in root cell development and reproductivity in rice (<i>Oryza sativa</i> L.). <i>Planta</i> , 2008, 228, 51-59. | 3.2 | 96 |
| 18 | OsPHR2 Is Involved in Phosphate-Starvation Signaling and Excessive Phosphate Accumulation in Shoots of Plants. <i>Plant Physiology</i> , 2008, 146, 1673-1686. | 4.8 | 543 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | AtCYT-INV1 in Arabidopsis Sugar Signaling. <i>Plant Signaling and Behavior</i> , 2007, 2, 496-497. | 2.4 | 2 |
| 20 | AtCYT-INV1, a neutral invertase, is involved in osmotic stress-induced inhibition on lateral root growth in Arabidopsis. <i>Plant Molecular Biology</i> , 2007, 64, 575-587. | 3.9 | 93 |