

Anne Cortleven

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

961
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1212
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Cytokinin action in response to abiotic and biotic stresses in plants. <i>Plant, Cell and Environment</i> , 2019, 42, 998-1018. | 5.7 | 288 |
| 2 | Regulation of chloroplast development and function by cytokinin. <i>Journal of Experimental Botany</i> , 2015, 66, 4999-5013. | 4.8 | 184 |
| 3 | Light acts as a stressor and influences abiotic and biotic stress responses in plants. <i>Plant, Cell and Environment</i> , 2021, 44, 645-664. | 5.7 | 115 |
| 4 | A Novel Protective Function for Cytokinin in the Light Stress Response Is Mediated by the ARABIDOPSIS HISTIDINE KINASE2 and ARABIDOPSIS HISTIDINE KINASE3 Receptors. <i>Plant Physiology</i> , 2014, 164, 1470-1483. | 4.8 | 96 |
| 5 | Cytokinin Regulates the Etioplast-Chloroplast Transition through the Two-Component Signaling System and Activation of Chloroplast-Related Genes. <i>Plant Physiology</i> , 2016, 172, 464-478. | 4.8 | 85 |
| 6 | Circadian Stress Regimes Affect the Circadian Clock and Cause Jasmonic Acid-Dependent Cell Death in Cytokinin-Deficient Arabidopsis Plants. <i>Plant Cell</i> , 2016, 28, tpc.00016.2016. | 6.6 | 66 |
| 7 | Novel Stress in Plants by Altering the Photoperiod. <i>Trends in Plant Science</i> , 2017, 22, 913-916. | 8.8 | 27 |
| 8 | Root-derived trans-zeatin cytokinin protects Arabidopsis plants against photoperiod stress. <i>Plant, Cell and Environment</i> , 2020, 43, 2637-2649. | 5.7 | 26 |
| 9 | Photoperiod stress induces an oxidative burst-like response and is associated with increased apoplastic peroxidase and decreased catalase activities. <i>Journal of Plant Physiology</i> , 2020, 253, 153252. | 3.5 | 18 |
| 10 | The Photoperiod: Handling and Causing Stress in Plants. <i>Frontiers in Plant Science</i> , 2021, 12, 781988. | 3.6 | 18 |
| 11 | Ethylene-independent promotion of photomorphogenesis in the dark by cytokinin requires COP1 and the CDD complex. <i>Journal of Experimental Botany</i> , 2019, 70, 165-178. | 4.8 | 16 |
| 12 | Analysis of CFB, a cytokinin-responsive gene of Arabidopsis thaliana encoding a novel F-box protein regulating sterol biosynthesis. <i>Journal of Experimental Botany</i> , 2017, 68, 2769-2785. | 4.8 | 10 |
| 13 | Characterization of CHARK, an unusual cytokinin receptor of rice. <i>Scientific Reports</i> , 2021, 11, 1722. | 3.3 | 5 |
| 14 | Photoperiod Stress in Arabidopsis thaliana Induces a Transcriptional Response Resembling That of Pathogen Infection. <i>Frontiers in Plant Science</i> , 2022, 13, . | 3.6 | 5 |
| 15 | The Photoperiod Stress Response in Arabidopsis thaliana Depends on Auxin Acting as an Antagonist to the Protectant Cytokinin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2936. | 4.1 | 1 |