

Alexandra To

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,577
citations

759233

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h-index

1125743

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all docs

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docs citations

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times ranked

1728
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | WRINKLED1 specifies the regulatory action of LEAFY COTYLEDON2 towards fatty acid metabolism during seed maturation in Arabidopsis. <i>Plant Journal</i> , 2007, 50, 825-838. | 5.7 | 408 |
| 2 | A Network of Local and Redundant Gene Regulation Governs Arabidopsis Seed Maturation. <i>Plant Cell</i> , 2006, 18, 1642-1651. | 6.6 | 350 |
| 3 | WRINKLED Transcription Factors Orchestrate Tissue-Specific Regulation of Fatty Acid Biosynthesis in Arabidopsis. <i>Plant Cell</i> , 2013, 24, 5007-5023. | 6.6 | 219 |
| 4 | Role of WRINKLED1 in the transcriptional regulation of glycolytic and fatty acid biosynthetic genes in Arabidopsis. <i>Plant Journal</i> , 2009, 60, 933-947. | 5.7 | 216 |
| 5 | Transcriptional regulation of fatty acid production in higher plants: Molecular bases and biotechnological outcomes. <i>European Journal of Lipid Science and Technology</i> , 2014, 116, 1332-1343. | 1.5 | 73 |
| 6 | MYB118 Represses Endosperm Maturation in Seeds of Arabidopsis. <i>Plant Cell</i> , 2014, 26, 3519-3537. | 6.6 | 72 |
| 7 | Deciphering the molecular mechanisms underpinning the transcriptional control of gene expression by L-AFL proteins in Arabidopsis seed.. <i>Plant Physiology</i> , 2016, 171, pp.00034.2016. | 4.8 | 53 |
| 8 | Regulation of HSD1 in Seeds of Arabidopsis thaliana. <i>Plant and Cell Physiology</i> , 2009, 50, 1463-1478. | 3.1 | 47 |
| 9 | Transcriptional Activation of Two Delta-9 Palmitoyl-ACP Desaturase Genes by MYB115 and MYB118 Is Critical for Biosynthesis of Omega-7 Monounsaturated Fatty Acids in the Endosperm of Arabidopsis Seeds. <i>Plant Cell</i> , 2016, 28, 2666-2682. | 6.6 | 46 |
| 10 | Differential Activation of Partially Redundant Δ ⁹ Stearoyl-ACP Desaturase Genes Is Critical for Omega-9 Monounsaturated Fatty Acid Biosynthesis During Seed Development in Arabidopsis. <i>Plant Cell</i> , 2020, 32, 3613-3637. | 6.6 | 35 |
| 11 | Molecular Control of Oil Metabolism in the Endosperm of Seeds. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1621. | 4.1 | 24 |
| 12 | Docking of acetyl-CoA carboxylase to the plastid envelope membrane attenuates fatty acid production in plants. <i>Nature Communications</i> , 2020, 11, 6191. | 12.8 | 23 |
| 13 | Overexpression of MYB115, AAD2, or AAD3 in Arabidopsis thaliana seeds yields contrasting omega-7 contents. <i>PLoS ONE</i> , 2018, 13, e0192156. | 2.5 | 11 |