

# Hikaru Sato

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1258249/publications.pdf>

Version: 2024-02-01

10  
papers

1,398  
citations

1040056

9  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

2009  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                         | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Polycomb Repressive Complex 2 and KRYPTONITE regulate pathogen-induced programmed cell death in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2021, 185, 2003-2021.                                                                                            | 4.8 | 15        |
| 2  | Combinations of maternal-specific repressive epigenetic marks in the endosperm control seed dormancy. <i>ELife</i> , 2021, 10, .                                                                                                                                | 6.0 | 10        |
| 3  | NF-YB2 and NF-YB3 Have Functionally Diverged and Differentially Induce Drought and Heat Stress-Specific Genes. <i>Plant Physiology</i> , 2019, 180, 1677-1690.                                                                                                  | 4.8 | 62        |
| 4  | <i>Arabidopsis thaliana</i> NGATHA1 transcription factor induces ABA biosynthesis by activating <i>NCED3</i> gene during dehydration stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11178-E11187. | 7.1 | 106       |
| 5  | Regulatory Gene Networks in Drought Stress Responses and Resistance in Plants. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1081, 189-214.                                                                                                      | 1.6 | 91        |
| 6  | BPM-CUL3 E3 ligase modulates thermotolerance by facilitating negative regulatory domain-mediated degradation of DREB2A in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8528-E8536. | 7.1 | 82        |
| 7  | Transcriptional Regulatory Network of Plant Heat Stress Response. <i>Trends in Plant Science</i> , 2017, 22, 53-65.                                                                                                                                             | 8.8 | 782       |
| 8  | The <i>Arabidopsis</i> transcriptional regulator <i>DPB3-1</i> enhances heat stress tolerance without growth retardation in rice. <i>Plant Biotechnology Journal</i> , 2016, 14, 1756-1767.                                                                     | 8.3 | 55        |
| 9  | <i>Arabidopsis</i> <i>DPB3-1</i> , a DREB2A Interactor, Specifically Enhances Heat Stress-Induced Gene Expression by Forming a Heat Stress-Specific Transcriptional Complex with NF-Y Subunits. <i>Plant Cell</i> , 2014, 26, 4954-4973.                        | 6.6 | 143       |
| 10 | Stabilization of <i>Arabidopsis</i> DREB2A Is Required but Not Sufficient for the Induction of Target Genes under Conditions of Stress. <i>PLoS ONE</i> , 2013, 8, e80457.                                                                                      | 2.5 | 52        |