

Vardis Ntoukakis

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,313
citations

394421

19
h-index

454955

30
g-index

34
all docs

34
docs citations

34
times ranked

4366
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Direct Regulation of the NADPH Oxidase RBOHD by the PRR-Associated Kinase BIK1 during Plant Immunity. <i>Molecular Cell</i> , 2014, 54, 43-55. | 9.7 | 744 |
| 2 | Phosphorylation-Dependent Differential Regulation of Plant Growth, Cell Death, and Innate Immunity by the Regulatory Receptor-Like Kinase BAK1. <i>PLoS Genetics</i> , 2011, 7, e1002046. | 3.5 | 439 |
| 3 | AvrPtoB Targets the LysM Receptor Kinase CERK1 to Promote Bacterial Virulence on Plants. <i>Current Biology</i> , 2009, 19, 423-429. | 3.9 | 419 |
| 4 | Standards for plant synthetic biology: a common syntax for exchange of <sc>DNA</sc> parts. <i>New Phytologist</i> , 2015, 208, 13-19. | 7.3 | 263 |
| 5 | A Bacterial Tyrosine Phosphatase Inhibits Plant Pattern Recognition Receptor Activation. <i>Science</i> , 2014, 343, 1509-1512. | 12.6 | 152 |
| 6 | Negative control of <sc>BAK</sc>1 by protein phosphatase 2A during plant innate immunity. <i>EMBO Journal</i> , 2014, 33, 2069-2079. | 7.8 | 138 |
| 7 | <sc>JAZ</sc>2 controls stomata dynamics during bacterial invasion. <i>New Phytologist</i> , 2017, 213, 1378-1392. | 7.3 | 124 |
| 8 | Host Inhibition of a Bacterial Virulence Effector Triggers Immunity to Infection. <i>Science</i> , 2009, 324, 784-787. | 12.6 | 120 |
| 9 | Prf immune complexes of tomato are oligomeric and contain multiple Pto-like kinases that diversify effector recognition. <i>Plant Journal</i> , 2010, 61, 507-518. | 5.7 | 116 |
| 10 | The Arabidopsis Protein Phosphatase PP2C38 Negatively Regulates the Central Immune Kinase BIK1. <i>PLoS Pathogens</i> , 2016, 12, e1005811. | 4.7 | 113 |
| 11 | The Proteasome Acts as a Hub for Plant Immunity and Is Targeted by <i>Pseudomonas</i> Type III Effectors. <i>Plant Physiology</i> , 2016, 172, 1941-1958. | 4.8 | 94 |
| 12 | The LysM receptor kinase CERK1 mediates bacterial perception in Arabidopsis. <i>Plant Signaling and Behavior</i> , 2009, 4, 539-541. | 2.4 | 92 |
| 13 | Improving crop disease resistance: lessons from research on Arabidopsis and tomato. <i>Frontiers in Plant Science</i> , 2014, 5, 671. | 3.6 | 77 |
| 14 | The changing of the guard: the Pto/Prf receptor complex of tomato and pathogen recognition. <i>Current Opinion in Plant Biology</i> , 2014, 20, 69-74. | 7.1 | 68 |
| 15 | Cell Differentiation and Development in <i>Arabidopsis</i> Are Associated with Changes in Histone Dynamics at the Single-Cell Level. <i>Plant Cell</i> , 2015, 26, 4821-4833. | 6.6 | 66 |
| 16 | Cautionary Notes on the Use of C-Terminal BAK1 Fusion Proteins for Functional Studies. <i>Plant Cell</i> , 2011, 23, 3871-3878. | 6.6 | 60 |
| 17 | An Arabidopsis thaliana leucine-rich repeat protein harbors an adenylyl cyclase catalytic center and affects responses to pathogens. <i>Journal of Plant Physiology</i> , 2019, 232, 12-22. | 3.5 | 56 |
| 18 | The Tomato Prf Complex Is a Molecular Trap for Bacterial Effectors Based on Pto Transphosphorylation. <i>PLoS Pathogens</i> , 2013, 9, e1003123. | 4.7 | 49 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | GCN5 modulates salicylic acid homeostasis by regulating H3K14ac levels at the 5' and 3' ends of its target genes. <i>Nucleic Acids Research</i> , 2020, 48, 5953-5966. | 14.5 | 44 |
| 20 | Activation loop phosphorylation of a non-RD receptor kinase initiates plant innate immune signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 12 |
| 21 | Editorial: Mechanisms regulating immunity in plants. <i>Frontiers in Plant Science</i> , 2013, 4, 64. | 3.6 | 10 |
| 22 | Novel markers for high-throughput protoplast-based analyses of phytohormone signaling. <i>PLoS ONE</i> , 2020, 15, e0234154. | 2.5 | 10 |
| 23 | Immunity onset alters plant chromatin and utilizes EDA16 to regulate oxidative homeostasis. <i>PLoS Pathogens</i> , 2021, 17, e1009572. | 4.7 | 10 |
| 24 | Parasitic plants – A CuRe for what ails thee. <i>Science</i> , 2016, 353, 442-443. | 12.6 | 7 |
| 25 | Expression of putative effectors of different <i>Xylella fastidiosa</i> strains triggers cell death-like responses in various <i>Nicotiana</i> model plants. <i>Molecular Plant Pathology</i> , 2022, 23, 148-156. | 4.2 | 7 |
| 26 | Identification of Post-translational Modifications of Plant Protein Complexes. <i>Journal of Visualized Experiments</i> , 2014, , e51095. | 0.3 | 5 |
| 27 | Mediator Subunits MED16, MED14, and MED2 Are Required for Activation of ABRE-Dependent Transcription in Arabidopsis. <i>Frontiers in Plant Science</i> , 2021, 12, 649720. | 3.6 | 5 |
| 28 | The bacterial biocontrol agent <i>Paenibacillus alvei</i> K165 confers inherited resistance to <i>Verticillium dahliae</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 4565-4576. | 4.8 | 5 |
| 29 | <i>Clavibacter michiganensis</i> Downregulates Photosynthesis and Modifies Monolignols Metabolism Revealing a Crosstalk with Tomato Immune Responses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8442. | 4.1 | 3 |
| 30 | Plant – microbe interactions: tipping the balance. <i>Journal of Experimental Botany</i> , 2019, 70, 4583-4585. | 4.8 | 2 |
| 31 | Mechanisms regulating immunity in plants. <i>Frontiers Research Topics</i> , 0, , . | 0.2 | 1 |