

# Selena Gimenez-Ibanez

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

5,115  
citations

257357

24  
h-index

454834

30  
g-index

33  
all docs

33  
docs citations

33  
times ranked

5719  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Marchantia polymorpha</i> model reveals conserved infection mechanisms in the vascular wilt fungal pathogen <i>Fusarium oxysporum</i> . <i>New Phytologist</i> , 2022, 234, 227-241.	3.5	22
2	Conserved secreted effectors contribute to endophytic growth and multihost plant compatibility in a vascular wilt fungus. <i>Plant Cell</i> , 2022, 34, 3214-3232.	3.1	20
3	Designing disease-resistant crops: From basic knowledge to biotechnology. <i>Metode</i> , 2020, , .	0.0	1
4	An Evolutionarily Ancient Immune System Governs the Interactions between <i>Pseudomonas syringae</i> and an Early-Diverging Land Plant Lineage. <i>Current Biology</i> , 2019, 29, 2270-2281.e4.	1.8	50
5	Omega hydroxylated JA-Ile is an endogenous bioactive jasmonate that signals through the canonical jasmonate signaling pathway. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 158520.	1.2	21
6	Design of a bacterial speck resistant tomato by CRISPR/Cas9-mediated editing of <i>JAZ2</i> . <i>Plant Biotechnology Journal</i> , 2019, 17, 665-673.	4.1	215
7	Differential Suppression of <i>Nicotiana benthamiana</i> Innate Immune Responses by Transiently Expressed <i>Pseudomonas syringae</i> Type III Effectors. <i>Frontiers in Plant Science</i> , 2018, 9, 688.	1.7	21
8	<i>JAZ2</i> controls stomata dynamics during bacterial invasion. <i>New Phytologist</i> , 2017, 213, 1378-1392.	3.5	124
9	How Microbes Twist Jasmonate Signaling around Their Little Fingers. <i>Plants</i> , 2016, 5, 9.	1.6	58
10	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.	2.3	94
11	Parasitic plants – A CuRe for what ails thee. <i>Science</i> , 2016, 353, 442-443.	6.0	7
12	Redundancy and specificity in jasmonate signalling. <i>Current Opinion in Plant Biology</i> , 2016, 33, 147-156.	3.5	295
13	FILAMENTOUS FLOWER Is a Direct Target of JAZ3 and Modulates Responses to Jasmonate. <i>Plant Cell</i> , 2015, 27, 3160-3174.	3.1	93
14	Novel players fine-tune plant trade-offs. <i>Essays in Biochemistry</i> , 2015, 58, 83-100.	2.1	38
15	The Bacterial Effector HopX1 Targets JAZ Transcriptional Repressors to Activate Jasmonate Signaling and Promote Infection in <i>Arabidopsis</i> . <i>PLoS Biology</i> , 2014, 12, e1001792.	2.6	223
16	Rational design of a ligand-based antagonist of jasmonate perception. <i>Nature Chemical Biology</i> , 2014, 10, 671-676.	3.9	74
17	bHLH003, bHLH013 and bHLH017 Are New Targets of JAZ Repressors Negatively Regulating JA Responses. <i>PLoS ONE</i> , 2014, 9, e86182.	1.1	104
18	Nuclear jasmonate and salicylate signaling and crosstalk in defense against pathogens. <i>Frontiers in Plant Science</i> , 2013, 4, 72.	1.7	144

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19	Brassinosteroids inhibit pathogen-associated molecular pattern-triggered immune signaling independent of the receptor kinase BAK1. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 303-308.	3.3	303
20	The Receptor-Like Kinase SERK3/BAK1 Is Required for Basal Resistance against the Late Blight Pathogen <i>Phytophthora infestans</i> in <i>Nicotiana benthamiana</i> . PLoS ONE, 2011, 6, e16608.	1.1	170
21	The <i>Arabidopsis</i> bHLH Transcription Factors MYC3 and MYC4 Are Targets of JAZ Repressors and Act Additively with MYC2 in the Activation of Jasmonate Responses. Plant Cell, 2011, 23, 701-715.	3.1	906
22	Hierarchy and Roles of Pathogen-Associated Molecular Pattern-Induced Responses in <i>Nicotiana benthamiana</i> . Plant Physiology, 2011, 156, 687-699.	2.3	185
23	Bacterial virulence effectors and their activities. Current Opinion in Plant Biology, 2010, 13, 388-393.	3.5	79
24	The case for the defense: plants versus <i>Pseudomonas syringae</i> . Microbes and Infection, 2010, 12, 428-437.	1.0	35
25	Prf immune complexes of tomato are oligomeric and contain multiple Pto-like kinases that diversify effector recognition. Plant Journal, 2010, 61, 507-518.	2.8	116
26	Deciphering the mode of action and host recognition of bacterial type III effectors. Functional Plant Biology, 2010, 37, 926.	1.1	3
27	Host Inhibition of a Bacterial Virulence Effector Triggers Immunity to Infection. Science, 2009, 324, 784-787.	6.0	120
28	The LysM receptor kinase CERK1 mediates bacterial perception in <i>Arabidopsis</i> . Plant Signaling and Behavior, 2009, 4, 539-541.	1.2	92
29	A draft genome sequence and functional screen reveals the repertoire of type III secreted proteins of <i>Pseudomonas syringae</i> pathovar <i>tabaci</i> 11528. BMC Genomics, 2009, 10, 395.	1.2	81
30	AvrPtoB Targets the LysM Receptor Kinase CERK1 to Promote Bacterial Virulence on Plants. Current Biology, 2009, 19, 423-429.	1.8	419
31	The receptor-like kinase SERK3/BAK1 is a central regulator of innate immunity in plants. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12217-12222.	3.3	998