

# Felipe Cruz-García

## List of Publications by Year in descending order

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17  
papers

845  
citations

759233

12  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

692  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compartmentalization of S-RNase and HT-B degradation in self-incompatible <i>Nicotiana</i> . <i>Nature</i> , 2006, 439, 805-810.	27.8	265
2	Compatibility and incompatibility in S-RNase-based systems. <i>Annals of Botany</i> , 2011, 108, 647-658.	2.9	152
3	Stylar glycoproteins bind to S-RNase in vitro. <i>Plant Journal</i> , 2005, 42, 295-304.	5.7	71
4	A Novel Thioredoxin h Is Secreted in <i>Nicotiana alata</i> and Reduces S-RNase in Vitro. <i>Journal of Biological Chemistry</i> , 2006, 281, 3418-3424.	3.4	59
5	Self-(In)compatibility Systems: Target Traits for Crop-Production, Plant Breeding, and Biotechnology. <i>Frontiers in Plant Science</i> , 2020, 11, 195.	3.6	59
6	S-RNase complexes and pollen rejection. <i>Journal of Experimental Botany</i> , 2003, 54, 123-130.	4.8	52
7	NaStEP: A Proteinase Inhibitor Essential to Self-Incompatibility and a Positive Regulator of HT-B Stability in <i>Nicotiana alata</i> Pollen Tubes. <i>Plant Physiology</i> , 2012, 161, 97-107.	4.8	37
8	Programmed cell death promotes male sterility in the functional dioecious <i>Opuntia stenopetala</i> (Cactaceae). <i>Annals of Botany</i> , 2013, 112, 789-800.	2.9	29
9	Inception of maleness: auxin contribution to flower masculinization in the dioecious cactus <i>Opuntia stenopetala</i> . <i>Planta</i> , 2012, 236, 225-238.	3.2	27
10	Pollination in <i>Nicotiana alata</i> stimulates synthesis and transfer to the stigmatic surface of NaStEP, a vacuolar Kunitz proteinase inhibitor homologue. <i>Journal of Experimental Botany</i> , 2008, 59, 3187-3201.	4.8	23
11	SIPP, a Novel Mitochondrial Phosphate Carrier, Mediates in Self-Incompatibility. <i>Plant Physiology</i> , 2017, 175, 1105-1120.	4.8	19
12	NaTrxh is an essential protein for pollen rejection in <i>Nicotiana</i> by increasing S-RNase activity. <i>Plant Journal</i> , 2020, 103, 1304-1317.	5.7	19
13	Comparative development of staminate and pistillate flowers in the dioecious cactus <i>Opuntia robusta</i> . <i>Plant Reproduction</i> , 2019, 32, 257-273.	2.2	13
14	A novel motif in the NaTrxh N-terminus promotes its secretion, whereas the C-terminus participates in its interaction with S-RNase in vitro. <i>BMC Plant Biology</i> , 2014, 14, 147.	3.6	9
15	High resolution crystal structure of NaTrxh from <i>Nicotiana alata</i> and its interaction with the S-RNase. <i>Journal of Structural Biology</i> , 2020, 212, 107578.	2.8	5
16	Genome Mining and Molecular Networking-Based Metabolomics of the Marine Facultative <i>Aspergillus</i> sp. MEXU 27854. <i>Molecules</i> , 2021, 26, 5362.	3.8	4
17	Proteolytic activities and profiles as useful traits to select barley cultivars for beer production. <i>Journal of Food Biochemistry</i> , 2022, 46, e14094.	2.9	2