

# Enrique Rojo

## List of Publications by Citations

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42  
papers

3,837  
citations

29  
h-index

42  
g-index

42  
ext. papers

4,222  
ext. citations

7.7  
avg, IF

4.92  
L-index

#	Paper	IF	Citations
42	Wound signalling in plants. <i>Journal of Experimental Botany</i> , <b>2001</b> , 52, 1-9	7	653
41	CLV3 is localized to the extracellular space, where it activates the Arabidopsis CLAVATA stem cell signaling pathway. <i>Plant Cell</i> , <b>2002</b> , 14, 969-77	11.6	278
40	VPEgamma exhibits a caspase-like activity that contributes to defense against pathogens. <i>Current Biology</i> , <b>2004</b> , 14, 1897-906	6.3	216
39	Cross-talk between wound signalling pathways determines local versus systemic gene expression in Arabidopsis thaliana. <i>Plant Journal</i> , <b>1999</b> , 20, 135-142	6.9	180
38	Interactions Between Signaling Compounds Involved in Plant Defense. <i>Journal of Plant Growth Regulation</i> , <b>2003</b> , 22, 82-98	4.7	177
37	The plant vacuolar sorting receptor AtELP is involved in transport of NH(2)-terminal propeptide-containing vacuolar proteins in Arabidopsis thaliana. <i>Journal of Cell Biology</i> , <b>2000</b> , 149, 1335-44	7.4	175
36	Bridging the gap between plant and mammalian polyamine catabolism: a novel peroxisomal polyamine oxidase responsible for a full back-conversion pathway in Arabidopsis. <i>Plant Physiology</i> , <b>2008</b> , 147, 1845-57	6.6	160
35	VACUOLELESS1 is an essential gene required for vacuole formation and morphogenesis in Arabidopsis. <i>Developmental Cell</i> , <b>2001</b> , 1, 303-10	10.2	158
34	Reversible protein phosphorylation regulates jasmonic acid-dependent and -independent wound signal transduction pathways in Arabidopsis thaliana. <i>Plant Journal</i> , <b>1998</b> , 13, 153-65	6.9	134
33	WRKY6 transcription factor restricts arsenate uptake and transposon activation in Arabidopsis. <i>Plant Cell</i> , <b>2013</b> , 25, 2944-57	11.6	129
32	A unique mechanism for protein processing and degradation in Arabidopsis thaliana. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 7389-94	11.5	121
31	Divergent functions of VTI12 and VTI11 in trafficking to storage and lytic vacuoles in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 3645-50	11.5	117
30	Caspases. Regulating death since the origin of life. <i>Plant Physiology</i> , <b>2005</b> , 137, 841-7	6.6	117
29	Geminating pollen has tubular vacuoles, displays highly dynamic vacuole biogenesis, and requires VACUOLELESS1 for proper function. <i>Plant Physiology</i> , <b>2004</b> , 134, 1227-39	6.6	115
28	Jasmonic acid-dependent and -independent wound signal transduction pathways are differentially regulated by Ca <sup>2+</sup> /calmodulin in Arabidopsis thaliana. <i>Molecular Genetics and Genomics</i> , <b>1998</b> , 258, 412-9		98
27	Wound signalling in plants. <i>Journal of Experimental Botany</i> , <b>2001</b> , 52, 1-9	7	86
26	A protein phosphatase 2A catalytic subunit is a negative regulator of abscisic acid signalling. <i>Plant Journal</i> , <b>2007</b> , 51, 763-78	6.9	85

25	Abscisic acid and jasmonic acid activate wound-inducible genes in potato through separate, organ-specific signal transduction pathways. <i>Plant Journal</i> , <b>1997</b> , 11, 773-82	6.9	82
24	The shoot meristem identity gene TFL1 is involved in flower development and trafficking to the protein storage vacuole. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 18801-6	11.5	82
23	AtVPS45 is a positive regulator of the SYP41/SYP61/VTI12 SNARE complex involved in trafficking of vacuolar cargo. <i>Plant Physiology</i> , <b>2009</b> , 149, 1668-78	6.6	73
22	The AtC-VPS protein complex is localized to the tonoplast and the prevacuolar compartment in arabidopsis. <i>Molecular Biology of the Cell</i> , <b>2003</b> , 14, 361-9	3.5	67
21	Functional specialization within the vacuolar sorting receptor family: VSR1, VSR3 and VSR4 sort vacuolar storage cargo in seeds and vegetative tissues. <i>Plant Journal</i> , <b>2010</b> , 64, 577-88	6.9	62
20	Plant vacuoles: where did they come from and where are they heading?. <i>Current Opinion in Plant Biology</i> , <b>2009</b> , 12, 677-84	9.9	56
19	What is moving in the secretory pathway of plants?. <i>Plant Physiology</i> , <b>2008</b> , 147, 1493-503	6.6	54
18	Specialized functions of the PP2A subfamily II catalytic subunits PP2A-C3 and PP2A-C4 in the distribution of auxin fluxes and development in Arabidopsis. <i>Plant Journal</i> , <b>2013</b> , 73, 862-72	6.9	52
17	MTV1 and MTV4 encode plant-specific ENTH and ARF GAP proteins that mediate clathrin-dependent trafficking of vacuolar cargo from the trans-Golgi network. <i>Plant Cell</i> , <b>2013</b> , 25, 2217-35	11.6	45
16	Sortin1-hypersensitive mutants link vacuolar-trafficking defects and flavonoid metabolism in Arabidopsis vegetative tissues. <i>Chemistry and Biology</i> , <b>2011</b> , 18, 187-97		34
15	SEIPIN Proteins Mediate Lipid Droplet Biogenesis to Promote Pollen Transmission and Reduce Seed Dormancy. <i>Plant Physiology</i> , <b>2018</b> , 176, 1531-1546	6.6	32
14	An in vivo expression system for the identification of cargo proteins of vacuolar sorting receptors in Arabidopsis culture cells. <i>Plant Journal</i> , <b>2013</b> , 75, 1003-17	6.9	30
13	A molecular switch for initiating cell differentiation in Arabidopsis. <i>Current Biology</i> , <b>2011</b> , 21, 999-1008	6.3	28
12	The ESCRT-III-interacting deubiquitinating enzyme AMSH3 is essential for degradation of ubiquitinated membrane proteins in Arabidopsis thaliana. <i>Plant and Cell Physiology</i> , <b>2014</b> , 55, 727-36	4.9	26
11	N-linked glycosylation of AtVSR1 is important for vacuolar protein sorting in Arabidopsis. <i>Plant Journal</i> , <b>2014</b> , 80, 977-92	6.9	25
10	Functional identification of sorting receptors involved in trafficking of soluble lytic vacuolar proteins in vegetative cells of Arabidopsis. <i>Plant Physiology</i> , <b>2013</b> , 161, 121-33	6.6	22
9	Jasmonate-dependent modifications of the pectin matrix during potato development function as a defense mechanism targeted by <i>Dickeya dadantii</i> virulence factors. <i>Plant Journal</i> , <b>2014</b> , 77, 418-29	6.9	17
8	The RNA Polymerase II Factor RPAP1 Is Critical for Mediator-Driven Transcription and Cell Identity. <i>Cell Reports</i> , <b>2018</b> , 22, 396-410	10.6	15

7	RIMA-Dependent Nuclear Accumulation of IYO Triggers Auxin-Irreversible Cell Differentiation in Arabidopsis. <i>Plant Cell</i> , <b>2017</b> , 29, 575-588	11.6	14
6	MTV proteins unveil ER- and microtubule-associated compartments in the plant vacuolar trafficking pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 9884-9895	11.5	9
5	MINIYO and transcriptional elongation: lifting the roadblock to differentiation. <i>Transcription</i> , <b>2012</b> , 3, 25-8	4.8	5
4	Identification of Domains and Factors Involved in MINIYO Nuclear Import. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 1044	6.2	4
3	RNA polymerase II associated proteins regulate stomatal development through direct interaction with stomatal transcription factors in Arabidopsis thaliana. <i>New Phytologist</i> , <b>2021</b> , 230, 171-189	9.8	3
2	Retrograde transport from the prevacuolar compartment to the trans-Golgi network. <i>Plant Science</i> , <b>2010</b> , 178, 90-93	5.3	1
1	Plant ESCRT protein ALIX coordinates with retromer complex in regulating receptor-mediated sorting of soluble vacuolar proteins.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2200492119	11.5	0