Vicente Rubio

List of Publications by Year in descending order

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Version: 2024-02-01

50 papers	7,025 citations	159585 30 h-index	233421 45 g-index
59 all docs	59 docs citations	59 times ranked	6633 citing authors

#	Article	IF	Citations
1	CFI 25 Subunit of Cleavage Factor I is Important for Maintaining the Diversity of 3Ê¹ UTR Lengths in Arabidopsis thaliana (L.) Heynh.. Plant and Cell Physiology, 2022, 63, 369-383.	3.1	3
2	CONSTITUTIVE PHOTOMORPHOGENIC 1 promotes seed germination by destabilizing RGA-LIKE 2 in Arabidopsis. Plant Physiology, 2022, 189, 1662-1676.	4.8	5
3	Correction to: ESCRT-III-Associated Protein ALIX Mediates High-Affinity Phosphate Transporter Trafficking to Maintain Phosphate Homeostasis in Arabidopsis. Plant Cell, 2022, , .	6.6	0
4	Correction to: Targeted Degradation of Abscisic Acid Receptors Is Mediated by the Ubiquitin Ligase Substrate Adaptor DDA1 in Arabidopsis. Plant Cell, 2022, , .	6.6	0
5	Multifaceted activities of the plant SAGA complex. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2021, 1864, 194613.	1.9	20
6	KISS ME DEADLY F-box proteins modulate cytokinin responses by targeting the transcription factor TCP14 for degradation. Plant Physiology, 2021, 185, 1495-1499.	4.8	3
7	DET1-mediated COP1 regulation avoids HY5 activity over second-site gene targets to tune plant photomorphogenesis. Molecular Plant, 2021, 14, 963-982.	8.3	27
8	COP1 destabilizes DELLA proteins in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13792-13799.	7.1	84
9	CUL3 ^{BPM} E3 ubiquitin ligases regulate MYC2, MYC3, and MYC4 stability and JA responses. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6205-6215.	7.1	67
10	Biochemical and Imaging Analysis of ALIX Function in Endosomal Trafficking of Arabidopsis Protein Cargoes. Methods in Molecular Biology, 2020, 2177, 49-58.	0.9	2
11	Arabidopsis ALIX Regulates Stomatal Aperture and Turnover of Abscisic Acid Receptors. Plant Cell, 2019, 31, 2411-2429.	6.6	40
12	Rheostatic Control of ABA Signaling through HOS15-Mediated OST1 Degradation. Molecular Plant, 2019, 12, 1447-1462.	8.3	58
13	Arabidopsis CRL4 Complexes: Surveying Chromatin States and Gene Expression. Frontiers in Plant Science, 2019, 10, 1095.	3.6	14
14	Identification of Molecular Integrators Shows that Nitrogen Actively Controls the Phosphate Starvation Response in Plants. Plant Cell, 2019, 31, 1171-1184.	6.6	135
15	Epigenetic switch from repressive to permissive chromatin in response to cold stress. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5400-E5409.	7.1	157
16	Tandem Affinity Purification of Protein Complexes from Arabidopsis Cell Cultures. Methods in Molecular Biology, 2018, 1794, 297-309.	0.9	4
17	DET1-mediated degradation of a SAGA-like deubiquitination module controls H2Bub homeostasis. ELife, 2018, 7, .	6.0	63
18	Prefoldins Negatively Regulate Cold Acclimation in Arabidopsis thaliana by Promoting Nuclear Proteasome-Mediated HY5 Degradation. Molecular Plant, 2017, 10, 791-804.	8.3	30

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19	Novel signals in the regulation of Pi starvation responses in plants: facts and promises. Current Opinion in Plant Biology, 2017, 39, 40-49.	7.1	149
20	The Arabidopsis Ironâ€“Sulfur Protein GRXS17 is a Target of the Ubiquitin E3 Ligases RGLG3 and RGLG4. Plant and Cell Physiology, 2016, 57, 1801-1813.	3.1	16
21	Arabidopsis ALIX is required for the endosomal localization of the deubiquitinating enzyme AMSH3. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5543-51.	7.1	56
22	ESCRT-III-Associated Protein ALIX Mediates High-Affinity Phosphate Transporter Trafficking to Maintain Phosphate Homeostasis in Arabidopsis. Plant Cell, 2015, 27, 2560-2581.	6.6	81
23	SPX1 is a phosphate-dependent inhibitor of PHOSPHATE STARVATION RESPONSE 1 in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14947-14952.	7.1	372
24	Targeted Degradation of Abscisic Acid Receptors Is Mediated by the Ubiquitin Ligase Substrate Adaptor DDA1 in Arabidopsis. Plant Cell, 2014, 26, 712-728.	6.6	186
25	Proteomics identifies ubiquitinâ€“proteasome targets and new roles for chromatin-remodeling in the Arabidopsis response to phosphate starvation. Journal of Proteomics, 2013, 94, 1-22.	2.4	28
26	Roles of Ubiquitination in the Control of Phosphate Starvation Responses in Plants^F. Journal of Integrative Plant Biology, 2013, 55, 40-53.	8.5	31
27	Light and the E3 ubiquitin ligase <scp>COP</scp>1/<scp>SPA</scp> control the protein stability of the <scp>MYB</scp> transcription factors <scp>PAP</scp>1 and <scp>PAP</scp>2 involved in anthocyanin accumulation in Arabidopsis. Plant Journal, 2013, 74, 638-651.	5.7	323
28	A Central Regulatory System Largely Controls Transcriptional Activation and Repression Responses to Phosphate Starvation in Arabidopsis. PLoS Genetics, 2010, 6, e1001102.	3.5	583
29	Plant hormones and nutrient signaling. Plant Molecular Biology, 2009, 69, 361-373.	3.9	290
30	The dark side of clock-controlled flowering. F1000 Biology Reports, 2009, 1, 57.	4.0	0
31	Gibberellins modulate light signaling pathways to prevent Arabidopsis seedling deâ€etiolation in darkness. Plant Journal, 2008, 53, 324-335.	5.7	160
32	Arabidopsis COP1/SPA1 Complex and FHY1/FHY3 Associate with Distinct Phosphorylated Forms of Phytochrome A in Balancing Light Signaling. Molecular Cell, 2008, 31, 607-613.	9.7	104
33	COP1 and ELF3 Control Circadian Function and Photoperiodic Flowering by Regulating GI Stability. Molecular Cell, 2008, 32, 617-630.	9.7	330
34	LZF1/SALT TOLERANCE HOMOLOG3, anArabidopsisB-Box Protein Involved in Light-Dependent Development and Gene Expression, Undergoes COP1-Mediated Ubiquitination. Plant Cell, 2008, 20, 2324-2338.	6.6	189
35	Standing on the Shoulders of GIGANTEA. Science, 2007, 318, 206-207.	12.6	13
36	THE FUNCTION OF THE COP/DET/FUS PROTEINS IN CONTROLLING PHOTOMORPHOGENESIS: A ROLE FOR REGULATED PROTEOLYSIS. , 2006, , 357-378.		3

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37	An alternative tandem affinity purification strategy applied to Arabidopsis protein complex isolation. Plant Journal, 2005, 41, 767-778.	5.7	235
38	PHOSPHATE TRANSPORTER TRAFFIC FACILITATOR1 Is a Plant-Specific SEC12-Related Protein That Enables the Endoplasmic Reticulum Exit of a High-Affinity Phosphate Transporter in Arabidopsis Â[W]. Plant Cell, 2005, 17, 3500-3512.	6.6	285
39	N-Terminal Domainâ€“Mediated Homodimerization Is Required for Photoreceptor Activity of Arabidopsis CRYPTOCHROME 1. Plant Cell, 2005, 17, 1569-1584.	6.6	167
40	Purification of the COP9 Signalosome from Porcine Spleen, Human Cell Lines, and Arabidopsis thaliana Plants. Methods in Enzymology, 2005, 398, 468-481.	1.0	10
41	Phy Tunes: Phosphorylation Status and Phytochrome-Mediated Signaling. Cell, 2005, 120, 290-292.	28.9	30
42	Arabidopsis CAND1, an Unmodified CUL1-Interacting Protein, Is Involved in Multiple Developmental Pathways Controlled by Ubiquitin/Proteasome-Mediated Protein Degradation. Plant Cell, 2004, 16, 1870-1882.	6.6	135
43	Arabidopsis COP10 forms a complex with DDB1 and DET1 in vivo and enhances the activity of ubiquitin conjugating enzymes. Genes and Development, 2004, 18, 2172-2181.	5.9	186
44	Interallelic complementation at theArabidopsis CRE1locus uncovers independent pathways for the proliferation of vascular initials and canonical cytokinin signalling. Plant Journal, 2004, 38, 70-79.	5.7	38
45	The COP1-SPA1 interaction defines a critical step in phytochrome A-mediated regulation of HY5 activity. Genes and Development, 2003, 17, 2642-2647.	5.9	403
46	Mutations atCRE1impair cytokinin-induced repression of phosphate starvation responses inArabidopsis. Plant Journal, 2002, 32, 353-360.	5.7	165
47	A conserved MYB transcription factor involved in phosphate starvation signaling both in vascular plants and in unicellular algae. Genes and Development, 2001, 15, 2122-2133.	5.9	1,087
48	Influence of cytokinins on the expression of phosphate starvation responsive genes in Arabidopsis. Plant Journal, 2000, 24, 559-567.	5.7	366
49	A type 5 acid phosphatase gene from Arabidopsis thaliana is induced by phosphate starvation and by some other types of phosphate mobilising/oxidative stress conditions. Plant Journal, 1999, 19, 579-589.	5.7	286
50	Tap Strategy inArabidopsis Protein Complex Isolation. , 0, , 543-556.		4