Sophia L Stone

List of Publications by Year
in descending order

36 papers	4,461 citations	236612 25 h-index	360668 35 g-index
36 all docs	36 docs citations	36 times ranked	4153 citing authors

#	Article	IF	Citations
1	The Ubiquitin Proteasome System and Nutrient Stress Response. Frontiers in Plant Science, 2022, 13, .	1.7	6
2	A Novel Protein from Ectocarpus sp. Improves Salinity and High Temperature Stress Tolerance in Arabidopsis thaliana. International Journal of Molecular Sciences, 2021, 22, 1971.	1.8	4
3	Editorial: Structure, Function, and Evolution of E3 Ligases and Targets. Frontiers in Plant Science, 2021, 12, 767281.	1.7	3
4	Arabidopsis RINGâ€type E3 ubiquitin ligase XBAT35.2 promotes proteasomeâ€dependent degradation of ACD11 to attenuate abiotic stress tolerance. Plant Journal, 2020, 104, 1712-1723.	2.8	23
5	Low Mannitol Concentrations in Arabidopsis thaliana Expressing Ectocarpus Genes Improve Salt Tolerance. Plants, 2020, 9, 1508.	1.6	10
6	Role of the Ubiquitin Proteasome System in Plant Response to Abiotic Stress. International Review of Cell and Molecular Biology, 2019, 343, 65-110.	1.6	86
7	Elevated carbon dioxide decreases the adverse effects of higher temperature and drought stress by mitigating oxidative stress and improving water status in Arabidopsis thaliana. Planta, 2019, 250, 1191-1214.	1.6	33
8	Degradation of the stress-responsive enzyme formate dehydrogenase by the RING-type E3 ligase Keep on Going and the ubiquitin 26S proteasome system. Plant Molecular Biology, 2018, 96, 265-278.	2.0	29
9	The RING-Type E3 Ligase XBAT35.2 Is Involved in Cell Death Induction and Pathogen Response. Plant Physiology, 2017, 175, 1469-1483.	2.3	37
10	The Kinase Activity of Calcineurin B-like Interacting Protein Kinase 26 (CIPK26) Influences Its Own Stability and that of the ABA-regulated Ubiquitin Ligase, Keep on Going (KEG). Frontiers in Plant Science, 2017, 8, 502.	1.7	18
11	Ubiquitination of Plant Transcription Factors. , 2016, , 395-409.		2
12	Optimal level of purple acid phosphatase5 is required for maintaining complete resistance to Pseudomonas syringae. Frontiers in Plant Science, 2015, 6, 568.	1.7	19
13	The RING E3 Ligase KEEP ON GOING Modulates JASMONATE ZIM-DOMAIN12 Stability. Plant Physiology, 2015, 169, 1405-1417.	2.3	76
14	Regulation of ABI5 turnover by reversible post-translational modifications. Plant Signaling and Behavior, 2014, 9, e27577.	1.2	25
15	The role of ubiquitin and the 26S proteasome in plant abiotic stress signaling. Frontiers in Plant Science, 2014, 5, 135.	1.7	251
16	Purple Acid Phosphatase5 is required for maintaining basal resistance against Pseudomonas syringaein Arabidopsis. BMC Plant Biology, 2013, 13, 107.	1.6	34
17	Cytoplasmic Degradation of the Arabidopsis Transcription Factor ABSCISIC ACID INSENSITIVE 5 Is Mediated by the RING-type E3 Ligase KEEP ON GOING. Journal of Biological Chemistry, 2013, 288, 20267-20279.	1.6	117
18	Arabidopsis CIPK26 interacts with KEG, components of the ABA signalling network and is degraded by the ubiquitinâ€“proteasome system. Journal of Experimental Botany, 2013, 64, 2779-2791.	2.4	136

#	Article	IF	Citations
19	<scp>ABA</scp> and the ubiquitin E3 ligase <scp>KEEP ON GOING</scp> affect proteolysis of the <i><scp>A</scp>rabidopsis thaliana</i> transcription factors <scp>ABF</scp>1 and <scp>ABF</scp>3. Plant Journal, 2013, 75, 965-976.	2.8	114
20	Regulation of ethylene biosynthesis through protein degradation. Plant Signaling and Behavior, 2012, 7, 1438-1442.	1.2	24
21	Abiotic stress tolerance mediated by protein ubiquitination. Journal of Experimental Botany, 2012, 63, 599-616.	2.4	355
22	The Arabidopsis RINGâ€type E3 ligase XBAT32 mediates the proteasomal degradation of the ethylene biosynthetic enzyme, 1â€aminocyclopropaneâ€1â€carboxylate synthase 7. Plant Journal, 2012, 71, 23-34.	2.8	121
23	E3 ubiquitin ligases and abscisic acid signaling. Plant Signaling and Behavior, 2011, 6, 344-348.	1.2	38
24	Abscisic Acid Increases <i>Arabidopsis</i> ABI5 Transcription Factor Levels by Promoting KEG E3 Ligase Self-Ubiquitination and Proteasomal Degradation Â. Plant Cell, 2010, 22, 2630-2641.	3.1	248
25	Further analysis of XBAT32, an Arabidopsis RING E3 ligase, involved in ethylene biosynthesis. Plant Signaling and Behavior, 2010, 5, 1425-1429.	1.2	28
26	Arabidopsis RING E3 Ligase XBAT32 Regulates Lateral Root Production through Its Role in Ethylene Biosynthesis Â Â. Plant Physiology, 2010, 153, 1587-1596.	2.3	99
27	ATL9, a RING Zinc Finger Protein with E3 Ubiquitin Ligase Activity Implicated in Chitin- and NADPH Oxidase-Mediated Defense Responses. PLoS ONE, 2010, 5, e14426.	1.1	94
28	Cellular Pathways Regulating Responses to Compatible and Self-Incompatible Pollen in<i>Brassica</i>and<i>Arabidopsis</i>Stigmas Intersect at Exo70A1, a Putative Component of the Exocyst Complex. Plant Cell, 2009, 21, 2655-2671.	3.1	259
29	KEEP ON GOING, a RING E3 Ligase Essential for Arabidopsis Growth and Development, Is Involved in Abscisic Acid Signaling. Plant Cell, 2007, 18, 3415-3428.	3.1	347
30	Ubiquitin ligases mediate growth and development by promoting protein death. Current Opinion in Plant Biology, 2007, 10, 624-632.	3.5	150
31	Genome Analysis and Functional Characterization of the E2 and RING-Type E3 Ligase Ubiquitination Enzymes of Arabidopsis. Plant Physiology, 2005, 139, 1597-1611.	2.3	365
32	Functional Analysis of the RING-Type Ubiquitin Ligase Family of Arabidopsis. Plant Physiology, 2005, 137, 13-30.	2.3	524
33	A Large Complement of the Predicted Arabidopsis ARM Repeat Proteins Are Members of the U-Box E3 Ubiquitin Ligase Family. Plant Physiology, 2004, 134, 59-66.	2.3	192
34	ARC1 Is an E3 Ubiquitin Ligase and Promotes the Ubiquitination of Proteins during the Rejection of Self-Incompatible Brassica Pollen. Plant Cell, 2003, 15, 885-898.	3.1	329
35	The molecular biology of self-incompatibility systems in flowering plants. Plant Cell, Tissue and Organ Culture, 2001, 67, 93-114.	1.2	35
36	A Breakdown of Brassica Self-Incompatibility in ARC1 Antisense Transgenic Plants. Science, 1999, 286, 1729-1731.	6.0	230