

Erika Isono

List of Publications by Year in descending order

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32
papers

6,031
citations

471509

17
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

15560
citing authors

#	ARTICLE	IF	CITATIONS
1	ESCRT Is a Great Sealer: Non-Endosomal Function of the ESCRT Machinery in Membrane Repair and Autophagy. <i>Plant and Cell Physiology</i> , 2021, 62, 766-774.	3.1	20
2	Editorial: Highlights of ENPER 2019“European Network for Plant Endomembrane Research Meeting. <i>Frontiers in Plant Science</i> , 2021, 12, 719367.	3.6	0
3	Bacterial microcompartments for isethionate desulfonation in the taurine-degrading human-gut bacterium <i>Bilophila wadsworthia</i> . <i>BMC Microbiology</i> , 2021, 21, 340.	3.3	11
4	Plant proteostasis “shaping the proteome: a research community aiming to understand molecular mechanisms that control protein abundance. <i>New Phytologist</i> , 2020, 227, 1028-1033.	7.3	7
5	Knowing When to Self-Eat “Fine-Tuning Autophagy Through ATG8 Iso-forms in Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 579875.	3.6	6
6	TOL Keepers for Ubiquitin-Mediated Trafficking Routes in Plant Cells. <i>Molecular Plant</i> , 2020, 13, 685-687.	8.3	4
7	Detection of Phosphorylation on Immunoprecipitates from Total Protein Extracts of <i>Arabidopsis thaliana</i> Seedlings. <i>Methods in Molecular Biology</i> , 2020, 2177, 169-182.	0.9	1
8	Ubiquitin recognition in endocytic trafficking “with or without ESCRT-0. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	37
9	Transient Expression of ESCRT Components in <i>Arabidopsis</i> Root Cell Suspension Culture-Derived Protoplasts. <i>Methods in Molecular Biology</i> , 2019, 1998, 163-174.	0.9	2
10	The <i>Arabidopsis</i> receptor kinase STRUBBELIG undergoes clathrin-dependent endocytosis. <i>Journal of Experimental Botany</i> , 2019, 70, 3881-3894.	4.8	20
11	Autophagy-related approaches for improving nutrient use efficiency and crop yield protection. <i>Journal of Experimental Botany</i> , 2018, 69, 1335-1353.	4.8	97
12	All roads lead to the vacuole“autophagic transport as part of the endomembrane trafficking network in plants. <i>Journal of Experimental Botany</i> , 2018, 69, 1313-1324.	4.8	27
13	The AMSH3 ESCRT-III-Associated Deubiquitinase Is Essential for Plant Immunity. <i>Cell Reports</i> , 2018, 25, 2329-2338.e5.	6.4	12
14	A <i>Lotus japonicus</i> E3 ligase interacts with the Nod Factor Receptor 5 and positively regulates nodulation. <i>BMC Plant Biology</i> , 2018, 18, 217.	3.6	9
15	Nonselective Chemical Inhibition of Sec7 Domain-Containing ARF GTPase Exchange Factors. <i>Plant Cell</i> , 2018, 30, 2573-2593.	6.6	16
16	Preparation of Clathrin-Coated Vesicles From <i>Arabidopsis thaliana</i> Seedlings. <i>Frontiers in Plant Science</i> , 2018, 9, 1972.	3.6	10
17	ESCRT-dependent degradation of ubiquitylated plasma membrane proteins in plants. <i>Current Opinion in Plant Biology</i> , 2017, 40, 49-55.	7.1	35
18	<i>Arabidopsis</i> SH3P2 is an ubiquitin-binding protein that functions together with ESCRT-I and the deubiquitylating enzyme AMSH3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7197-E7204.	7.1	71

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19	Physical interaction between the strawberry allergen Fra a 1 and an associated partner FaAP: Interaction of Fra a 1 proteins and FaAP. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1891-1901.	2.6	11
20	Measuring the Enzyme Activity of Arabidopsis Deubiquitylating Enzymes. <i>Methods in Molecular Biology</i> , 2016, 1450, 35-44.	0.9	1
21	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
22	The deubiquitinating enzyme <i>AMSH1</i> is required for rhizobial infection and nodule organogenesis in <i>Lotus japonicus</i> . <i>Plant Journal</i> , 2015, 83, 719-731.	5.7	19
23	FYVE1 Is Essential for Vacuole Biogenesis and Intracellular Trafficking in Arabidopsis. <i>Plant Physiology</i> , 2015, 167, 1361-1373.	4.8	110
24	<i>Arabidopsis</i> ALIX is required for the endosomal localization of the deubiquitinating enzyme <i>AMSH3</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5543-51.	7.1	56
25	Deubiquitylating enzymes and their emerging role in plant biology. <i>Frontiers in Plant Science</i> , 2014, 5, 56.	3.6	75
26	Endoplasmic reticulum KDEL-tailed cysteine endopeptidase 1 of Arabidopsis (<i>AtCEP1</i>) is involved in pathogen defense. <i>Frontiers in Plant Science</i> , 2014, 5, 58.	3.6	51
27	Polarization of IRON-REGULATED TRANSPORTER 1 (<i>IRT1</i>) to the plant-soil interface plays crucial role in metal homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8293-8298.	7.1	229
28	Interplay between phosphorylation and SUMOylation events determines CESTA protein fate in brassinosteroid signalling. <i>Nature Communications</i> , 2014, 5, 4687.	12.8	46
29	The Deubiquitinating Enzyme <i>AMSH1</i> and the ESCRT-III Subunit <i>VPS2.1</i> Are Required for Autophagic Degradation in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 2236-2252.	6.6	107
30	The <i>Arabidopsis</i> Deubiquitinating Enzyme <i>AMSH3</i> Interacts with ESCRT-III Subunits and Regulates Their Localization. <i>Plant Cell</i> , 2011, 23, 3026-3040.	6.6	87
31	The Deubiquitinating Enzyme <i>AMSH3</i> Is Required for Intracellular Trafficking and Vacuole Biogenesis in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2010, 22, 1826-1837.	6.6	124
32	Co-immunoprecipitation and Protein Blots. <i>Methods in Molecular Biology</i> , 2010, 655, 377-387.	0.9	21