# Erika Isono

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4193706/publications.pdf

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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 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 9.1 | 4,701 |
| 2 | Polarization of IRON-REGULATED TRANSPORTER 1 (IRT1) to the plant-soil interface plays crucial role in metal homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8293-8298. | 7.1 | 229 |
| 3 | The Deubiquitinating Enzyme AMSH3 Is Required for Intracellular Trafficking and Vacuole Biogenesis inArabidopsis thalianaÂ Â. Plant Cell, 2010, 22, 1826-1837. | 6.6 | 124 |
| 4 | FYVE1 Is Essential for Vacuole Biogenesis and Intracellular Trafficking in Arabidopsis. Plant Physiology, 2015, 167, 1361-1373. | 4.8 | 110 |
| 5 | The Deubiquitinating Enzyme AMSH1 and the ESCRT-III Subunit VPS2.1 Are Required for Autophagic Degradation inArabidopsisÂ Â Â. Plant Cell, 2013, 25, 2236-2252. | 6.6 | 107 |
| 6 | Autophagy-related approaches for improving nutrient use efficiency and crop yield protection. Journal of Experimental Botany, 2018, 69, 1335-1353. | 4.8 | 97 |
| 7 | The Arabidopsis Deubiquitinating Enzyme AMSH3 Interacts with ESCRT-III Subunits and Regulates Their Localization Â. Plant Cell, 2011, 23, 3026-3040. | 6.6 | 87 |
| 8 | Deubiquitylating enzymes and their emerging role in plant biology. Frontiers in Plant Science, 2014, 5, 56. | 3.6 | 75 |
| 9 | Arabidopsis SH3P2 is an ubiquitin-binding protein that functions together with ESCRT-I and the deubiquitylating enzyme AMSH3. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7197-E7204. | 7.1 | 71 |
| 10 | 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 |
| 11 | Endoplasmic reticulum KDEL-tailed cysteine endopeptidase 1 of Arabidopsis (AtCEP1) is involved in pathogen defense. Frontiers in Plant Science, 2014, 5, 58. | 3.6 | 51 |
| 12 | Interplay between phosphorylation and SUMOylation events determines CESTA protein fate in brassinosteroid signalling. Nature Communications, 2014, 5, 4687. | 12.8 | 46 |
| 13 | Ubiquitin recognition in endocytic trafficking â€“ with or without ESCRT-0. Journal of Cell Science, 2019, 132, . | 2.0 | 37 |
| 14 | ESCRT-dependent degradation of ubiquitylated plasma membrane proteins in plants. Current Opinion in Plant Biology, 2017, 40, 49-55. | 7.1 | 35 |
| 15 | All roads lead to the vacuoleâ€”autophagic transport as part of the endomembrane trafficking network in plants. Journal of Experimental Botany, 2018, 69, 1313-1324. | 4.8 | 27 |
| 16 | Co-immunoprecipitation and Protein Blots. Methods in Molecular Biology, 2010, 655, 377-387. | 0.9 | 21 |
| 17 | The Arabidopsis receptor kinase STRUBBELIG undergoes clathrin-dependent endocytosis. Journal of Experimental Botany, 2019, 70, 3881-3894. | 4.8 | 20 |
| 18 | ESCRT Is a Great Sealer: Non-Endosomal Function of the ESCRT Machinery in Membrane Repair and Autophagy. Plant and Cell Physiology, 2021, 62, 766-774. | 3.1 | 20 |

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|---|---|---|---|
| 19 | The deubiquitinating enzyme <scp>AMSH</scp>1 is required for rhizobial infection and nodule organogenesis in Lotus japonicus. Plant Journal, 2015, 83, 719-731. | 5.7 | 19 |
| 20 | Nonselective Chemical Inhibition of Sec7 Domain-Containing ARF GTPase Exchange Factors. Plant Cell, 2018, 30, 2573-2593. | 6.6 | 16 |
| 21 | The AMSH3 ESCRT-III-Associated Deubiquitinase Is Essential for Plant Immunity. Cell Reports, 2018, 25, 2329-2338.e5. | 6.4 | 12 |
| 22 | Physical interaction between the strawberry allergen Fra a 1 and an associated partner FaAP: Interaction of Fra a 1 proteins and FaAP. Proteins: Structure, Function and Bioinformatics, 2017, 85, 1891-1901. | 2.6 | 11 |
| 23 | Bacterial microcompartments for isethionate desulfonationÂin the taurine-degrading human-gut bacterium Bilophila wadsworthia. BMC Microbiology, 2021, 21, 340. | 3.3 | 11 |
| 24 | Preparation of Clathrin-Coated Vesicles From Arabidopsis thaliana Seedlings. Frontiers in Plant Science, 2018, 9, 1972. | 3.6 | 10 |
| 25 | A Lotus japonicus E3 ligase interacts with the Nod Factor Receptor 5 and positively regulates nodulation. BMC Plant Biology, 2018, 18, 217. | 3.6 | 9 |
| 26 | Plant proteostasis â€“ shaping the proteome: a research community aiming to understand molecular mechanisms that control protein abundance. New Phytologist, 2020, 227, 1028-1033. | 7.3 | 7 |
| 27 | Knowing When to Self-Eat â€“ Fine-Tuning Autophagy Through ATG8 Iso-forms in Plants. Frontiers in Plant Science, 2020, 11, 579875. | 3.6 | 6 |
| 28 | TOL Keepers for Ubiquitin-Mediated Trafficking Routes in Plant Cells. Molecular Plant, 2020, 13, 685-687. | 8.3 | 4 |
| 29 | Transient Expression of ESCRT Components in Arabidopsis Root Cell Suspension Culture-Derived Protoplasts. Methods in Molecular Biology, 2019, 1998, 163-174. | 0.9 | 2 |
| 30 | Measuring the Enzyme Activity of Arabidopsis Deubiquitylating Enzymes. Methods in Molecular Biology, 2016, 1450, 35-44. | 0.9 | 1 |
| 31 | Detection of Phosphorylation on Immunoprecipitates from Total Protein Extracts of Arabidopsis thaliana Seedlings. Methods in Molecular Biology, 2020, 2177, 169-182. | 0.9 | 1 |
| 32 | Editorial: Highlights of ENPER 2019â€”European Network for Plant Endomembrane Research Meeting. Frontiers in Plant Science, 2021, 12, 719367. | 3.6 | 0 |