# Jung-Youn Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9385967/publications.pdf

Version: 2024-02-01

| | | 186265 | 233421 |
|---|---|---|---|
| 44 | 3,181 | 28 | 45 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 46 | 46 | 46 | 3182 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Editorial: Plasmodesmata: Recent Progress and New Insights. Frontiers in Plant Science, 2022, 13, 840821. | 3.6 | 1 |
| 2 | A new algorithm to train hidden Markov models for biological sequences with partial labels. BMC Bioinformatics, 2021, 22, 162. | 2.6 | 9 |
| 3 | A Tale of Two Domains Pushing Lateral Roots. Trends in Plant Science, 2021, 26, 770-779. | 8.8 | 5 |
| 4 | An evolutionarily conserved motif is required for Plasmodesmata-located protein 5 to regulate cell-to-cell movement. Communications Biology, 2020, 3, 291. | 4.4 | 15 |
| 5 | Evaluating molecular movement through plasmodesmata. Methods in Cell Biology, 2020, 160, 99-117. | 1.1 | 1 |
| 6 | Auxin-dependent control of a plasmodesmal regulator creates a negative feedback loop modulating lateral root emergence. Nature Communications, 2020, 11, 364. | 12.8 | 41 |
| 7 | Detecting De Novo Plasmodesmata Targeting Signals and Identifying PD Targeting Proteins. Lecture Notes in Computer Science, 2020, , 1-12. | 1.3 | 3 |
| 8 | Sphingolipid biosynthesis modulates plasmodesmal ultrastructure and phloem unloading. Nature Plants, 2019, 5, 604-615. | 9.3 | 65 |
| 9 | Plasmodesmata in phloem: different gateways for different cargoes. Current Opinion in Plant Biology, 2018, 43, 119-124. | 7.1 | 33 |
| 10 | Plasmodesmata at a glance. Journal of Cell Science, 2018, 131, . | 2.0 | 93 |
| 11 | Phloem unloading in Arabidopsis roots is convective and regulated by the phloem-pole pericycle. ELife, 2017, 6, . | 6.0 | 181 |
| 12 | iPTMnet: Integrative Bioinformatics for Studying PTM Networks. Methods in Molecular Biology, 2017, 1558, 333-353. | 0.9 | 26 |
| 13 | Plasmodesmata Localizing Proteins Regulate Transport and Signaling during Systemic Acquired Immunity in Plants. Cell Host and Microbe, 2016, 19, 541-549. | 11.0 | 139 |
| 14 | Arabidopsis callose synthases CalS1/8 regulate plasmodesmal permeability during stress. Nature Plants, 2016, 2, 16034. | 9.3 | 159 |
| 15 | Plasmodesmata: a signaling hub at the cellular boundary. Current Opinion in Plant Biology, 2015, 27, 133-140. | 7.1 | 45 |
| 16 | Localization of Fluorescently Tagged Protein to Plasmodesmata by Correlative Light and Electron Microscopy. Methods in Molecular Biology, 2015, 1217, 121-133. | 0.9 | 7 |
| 17 | Drop-ANd-See: A Simple, Real-Time, and Noninvasive Technique for Assaying Plasmodesmal Permeability. Methods in Molecular Biology, 2015, 1217, 149-156. | 0.9 | 20 |
| 18 | pGenN, a Gene Normalization Tool for Plant Genes and Proteins in Scientific Literature. PLoS ONE, 2015, 10, e0135305. | 2.5 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | New and old roles of plasmodesmata in immunity and parallels to tunneling nanotubes. Plant Science, 2014, 221-222, 13-20. | 3.6 | 37 |
| 20 | Plasmodesmata in integrated cell signalling: insights from development and environmental signals and stresses. Journal of Experimental Botany, 2014, 65, 6337-6358. | 4.8 | 136 |
| 21 | Salicylic Acid Regulates Plasmodesmata Closure during Innate Immune Responses in Arabidopsis. Plant Cell, 2013, 25, 2315-2329. | 6.6 | 166 |
| 22 | Cell-to-Cell Movement of Two Interacting AT-Hook Factors inArabidopsisRoot Vascular Tissue Patterning. Plant Cell, 2013, 25, 187-201. | 6.6 | 79 |
| 23 | To close or not to close. Plant Signaling and Behavior, 2012, 7, 431-436. | 2.4 | 4 |
| 24 | Plasmodesmata: the battleground against intruders. Trends in Plant Science, 2011, 16, 201-210. | 8.8 | 113 |
| 25 | A Plasmodesmata-Localized Protein Mediates Crosstalk between Cell-to-Cell Communication and Innate Immunity inArabidopsisÂ Â Â. Plant Cell, 2011, 23, 3353-3373. | 6.6 | 250 |
| 26 | Plasmodesmata and Noncell Autonomous Signaling in Plants. Plant Cell Monographs, 2011, , 87-107. | 0.4 | 1 |
| 27 | Partitioning of casein kinase 1-like 6 to late endosome-like vesicles. Protoplasma, 2010, 240, 45-56. | 2.1 | 10 |
| 28 | Versatile casein kinase 1. Plant Signaling and Behavior, 2009, 4, 652-654. | 2.4 | 14 |
| 29 | Non-cell Autonomous RNA Trafficking and Long-Distance Signaling. Journal of Plant Biology, 2009, 52, 10-18. | 2.1 | 16 |
| 30 | Highly efficient gene silencing using perfect complementary artificial miRNA targeting AP1 or heteromeric artificial miRNA targeting AP1 and CAL genes. Plant Cell Reports, 2009, 28, 469-480. | 5.6 | 43 |
| 31 | Arabidopsis Casein Kinase 1-Like 6 Contains a Microtubule-Binding Domain and Affects the Organization of Cortical Microtubules Â. Plant Physiology, 2008, 148, 1897-1907. | 4.8 | 89 |
| 32 | Phosphorylation of Movement Proteins by the Plasmodesmal-Associated Protein Kinase. Methods in Molecular Biology, 2008, 451, 625-639. | 0.9 | 7 |
| 33 | Calcium-regulated Phosphorylation of Soybean Serine Acetyltransferase in Response to Oxidative Stress. Journal of Biological Chemistry, 2006, 281, 27405-27415. | 3.4 | 52 |
| 34 | A viral resistance gene from common bean functions across plant families and is up-regulated in a non-virus-specific manner. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11856-11861. | 7.1 | 107 |
| 35 | Plasmodesmal-Associated Protein Kinase in Tobacco and Arabidopsis Recognizes a Subset of Non-Cell-Autonomous Proteins. Plant Cell, 2005, 17, 2817-2831. | 6.6 | 142 |
| 36 | Plasmodesmata as a supracellular control network in plants. Nature Reviews Molecular Cell Biology, 2004, 5, 712-726. | 37.0 | 334 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | GIP, a Petunia hybrida GAâ€induced cysteineâ€rich protein: a possible role in shoot elongation and transition to flowering. Plant Journal, 2004, 37, 229-238. | 5.7 | 119 |
| 38 | Selective Trafficking of Non-Cell-Autonomous Proteins Mediated by NtNCAPP1. Science, 2003, 299, 392-396. | 12.6 | 165 |
| 39 | Analysis of the Complexity of Protein Kinases within the Phloem Sieve Tube System. Journal of Biological Chemistry, 2002, 277, 15325-15332. | 3.4 | 47 |
| 40 | Phosphorylation of viral movement proteins â€“ regulation of cell-to-cell trafficking. Trends in Microbiology, 2001, 9, 5-8. | 7.7 | 72 |
| 41 | Maize Genes Encoding the Small Subunit of ADP- Glucose Pyrophosphorylase. Plant Physiology, 2001, 127, 173-183. | 4.8 | 71 |
| 42 | Parallels between nuclear-pore and plasmodesmal trafficking of information molecules. Planta, 2000, 210, 177-187. | 3.2 | 52 |
| 43 | Characterization of Cucurbita maxima Phloem Serpin-1 (CmPS-1). Journal of Biological Chemistry, 2000, 275, 35122-35128. | 3.4 | 76 |
| 44 | Kinetic and Calcium-Binding Properties of Three Calcium-Dependent Protein Kinase Isoenzymes from Soybean. Biochemistry, 1998, 37, 6801-6809. | 2.5 | 120 |