

## 연구실적

연번	발행년월 (Published)	학술지명	역할	논문명	발행기관	ISSN NO.	IF (2023년 기준)	인용횟수 (Web of Science)
1	2026.03	Plant Science	교신저자	Probing cellular landscapes in plants via single-cell transcriptomics	Elsevier	0168-9452	4.1	
2	2026.02	PLANT PHYSIOLOGY AND BIOCHEMISTRY	교신저자	Understanding the functional role of cell wall-degrading enzymes in <i>Magnaporthe oryzae</i> and their interactions with the rice immune system	Elsevier	0981-9428	5.7	
3	2025.11	TRENDS IN PLANT SCIENCE	주저자	Unlocking plant proteomes in four dimensions: diaPASEF and beyond	Elsevier	1360-1385	20.8	
4	2025.09	Physiologia Plantarum	교신저자	S-Nitrosoproteome Analysis of Rice Leaves Highlights the Possible Roles of Superoxide Dismutase in Resistance Against <i>Magnaporthe Oryzae</i>	WILEY	0031-9317	3.6	1
5	2025.07	JOURNAL OF PLANT GROWTH REGULATION	교신저자	Identification of HSP70 as a Key Regulator of MSP1-Induced Signaling in Rice	Springer	0721-7595	4.4	
	2025.03	PROTEOMICS	교신저자	Integrative Proteomic and Phosphoproteomic Profiling Reveals the Salt-Responsive Mechanisms in Two Rice Varieties ( <i>Oryza Sativa</i> subsp. Japonica and Indica)	WILEY	1615-9853	3.9	
6	2024. 11	Proteomics	교신저자	Integrative Proteomic and Phosphoproteomic Profiling Reveals the Salt-Responsive Mechanisms in Two Rice Varieties ( <i>Oryza Sativa</i> subsp. Japonica and Indica)	WILEY	1615-9861	3.4	0
7	2024. 02	Physiologia Plantarum	교신저자	Endo-1,4-beta-xylanase 1 (MoXYL1) secreted by <i>Magnaporthe oryzae</i> triggers defense responses and induces cell death in rice	WILEY	1399-3054	5.4	2
8	2024. 01	Plant Physiology and Biochemistry	교신저자	Integrated "-omics" analysis highlights the role of brassinosteroid signaling and antioxidant machinery underlying improved rice seed longevity during artificial aging treatment	Elsevier	1873-2690	6.1	2
9	2023. 11	Plants	교신저자	Quantitative Proteomic Analysis Deciphers the Molecular Mechanism for Endosperm Nuclear Division in Early Rice Seed Development	MDPI	2223-7747	4	2
10	2023. 09	Journal of Proteomics	교신저자	Analysis of post-translational modification dynamics unveiled novel insights into Rice responses to MSP1	Elsevier	1874-3919	2.8	4
11	2023. 08	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY	교신저자	Comparative Proteome-wide Characterization of Three Different Tissues of High-Protein Mutant and Wild Type Unravels Protein Accumulation Mechanisms in Rice Seeds	ACS publication	2666-1543	5.7	1
12	2023. 06	Proteomics	교신저자	Proteome profiling highlights mechanisms underlying pigment and tocopherol accumulation in red and black rice seeds	WILEY	1615-9861	3.4	2
13	2023. 05	Applied Biological Chemistry	교신저자	Transcriptome profiling uncovers the involvement of CmXyn1, a glycosyl hydrolase 11, in <i>Cochliobolus miyabeanus</i> pathogenicity	Springer	2468-0842	2.3	2
14	2023. 03	Plants	교신저자	A Proteomics Insight into Advancements in the Rice-Microbe Interaction	MDPI	2223-7747	4	5
15	2023. 02	Molecules	제1저자	Examining the Effect of <i>Notocactus ottonis</i> Cold Vacuum Isolated Plant Cell Extract on Hair Growth in C57BL/6 Mice Using a Combination of Physiological and OMICS Analyses	MDPI	1420-3049	4.2	1
16	2023. 02	International Journal of Molecular Sciences	교신저자	Proteomic Analysis Reveals a Critical Role of the Glycosyl Hydrolase 17 Protein in <i>Panax ginseng</i> Leaves under Salt Stress	MDPI	1422-0067	4.9	3
17	2022. 12	PLANT BIOTECHNOLOGY REPORTS	교신저자	Overexpression of the ginseng GH18 gene confers salinity tolerance in <i>Arabidopsis</i>	Springer	1863-5474	1.7	3
18	2022. 09	Journal of Proteomics	교신저자	TMT-based quantitative membrane proteomics identified PRRs potentially involved in the perception of MSP1 in rice leaves	Elsevier	1876-7737	2.8	12
19	2022. 08	Agronomy	교신저자	Proteomic Analysis of Ginseng ( <i>Panax ginseng</i> C. A. Meyer) Fluid Proteins under Salt Stress	MDPI	2073-4395	3.3	4
20	2022. 01	Plant Physiology and Biochemistry	교신저자	Comparative proteome profiling of susceptible and resistant rice cultivars identified an arginase involved in rice defense against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i>	Elsevier	1873-2690	6.1	15
21	2021.09	FRONTIERS IN PLANT SCIENCE	교신저자	An Integrated Approach for the Efficient Extraction and Solubilization of Rice Microsomal Membrane Proteins for High-Throughput Proteomics	FRONTIERS MEDIA SA	1664-462X	4.1	6
22	2021.07	PLANTS-BASEL	교신저자	Optimization of Protein Isolation and Label-Free Quantitative Proteomic Analysis in Four Different Tissues of Korean Ginseng	MDPI	2223-7747	4	8
23	2021.01	CRITICAL REVIEWS IN FOOD SCIENCE AND NUTRITION	교신저자	Phytochemistry of ginsenosides: Recent advancements and emerging roles	Taylor & Francis	1549-7852	7.3	40