

# Eun Seon Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9636151/publications.pdf>

Version: 2024-02-01

16  
papers

450  
citations

933447

10  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

529  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Physiological Functions of Universal Stress Proteins and Their Molecular Mechanism to Protect Plants From Environmental Stresses. <i>Frontiers in Plant Science</i> , 2019, 10, 750.	3.6	96
2	Universal Stress Protein Exhibits a Redox-Dependent Chaperone Function in Arabidopsis and Enhances Plant Tolerance to Heat Shock and Oxidative Stress. <i>Frontiers in Plant Science</i> , 2015, 6, 1141.	3.6	74
3	Redox-dependent structural switch and CBF activation confer freezing tolerance in plants. <i>Nature Plants</i> , 2021, 7, 914-922.	9.3	60
4	Activation of the Transducers of Unfolded Protein Response in Plants. <i>Frontiers in Plant Science</i> , 2018, 9, 214.	3.6	47
5	Redox sensor QSOX1 regulates plant immunity by targeting GSNOR to modulate ROS generation. <i>Molecular Plant</i> , 2021, 14, 1312-1327.	8.3	34
6	Physiological Significance of Plant Peroxiredoxins and the Structure-Related and Multifunctional Biochemistry of Peroxiredoxin 1. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 625-639.	5.4	30
7	The membrane-tethered NAC transcription factor, AtNLT7, contributes to ER-stress resistance in Arabidopsis. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 641-647.	2.1	29
8	EMR, a cytosolic abundant ring finger E3 ligase, mediates ER-associated protein degradation in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2018, 220, 163-177.	7.3	24
9	Analysis of <i>Arabidopsis</i> thioredoxin-h isoforms identifies discrete domains that confer specific structural and functional properties. <i>Biochemical Journal</i> , 2013, 456, 13-24.	3.7	20
10	Disulfide reductase activity of thioredoxin-h2 imparts cold tolerance in Arabidopsis. <i>Biochemical and Biophysical Research Communications</i> , 2021, 568, 124-130.	2.1	12
11	Redox-mediated structural and functional switching of C-repeat binding factors enhances plant cold tolerance. <i>New Phytologist</i> , 2022, 233, 1067-1073.	7.3	8
12	Redox-Dependent Structural Modification of Nucleoredoxin Triggers Defense Responses against <i>Alternaria brassicicola</i> in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9196.	4.1	7
13	Exploring Novel Functions of the Small GTPase Ypt1p under Heat-Shock by Characterizing a Temperature-Sensitive Mutant Yeast Strain, ypt1-G80D. <i>International Journal of Molecular Sciences</i> , 2019, 20, 132.	4.1	3
14	Arabidopsis Disulfide Reductase, Trx-h2, Functions as an RNA Chaperone under Cold Stress. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6865.	2.5	2
15	Demyristoylation of the Cytoplasmic Redox Protein Trx-h2 Is Critical for Inducing a Rapid Cold Stress Response in Plants. <i>Antioxidants</i> , 2021, 10, 1287.	5.1	2
16	Constitutive Photomorphogenic 1 Enhances ER Stress Tolerance in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10772.	4.1	2