

# Shao-Shan Li

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,349  
citations

361413

20  
h-index

361022

35  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arabidopsis STO/BBX24 negatively regulates UV-B signaling by interacting with COP1 and repressing HY5 transcriptional activity. <i>Cell Research</i> , 2012, 22, 1046-1057.	12.0	134
2	Arbuscular mycorrhizal fungi alleviate Cd phytotoxicity by altering Cd subcellular distribution and chemical forms in <i>Zea mays</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 352-360.	6.0	113
3	Can arbuscular mycorrhizal fungi reduce Cd uptake and alleviate Cd toxicity of <i>Lonicera japonica</i> grown in Cd-added soils?. <i>Scientific Reports</i> , 2016, 6, 21805.	3.3	105
4	Temperature-dependent formation and photorepair of DNA damage induced by UV-B radiation in suspension-cultured tobacco cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2002, 66, 67-72.	3.8	60
5	UV-B-Induced CPD Photolyase Gene Expression is Regulated by UVR8-Dependent and -Independent Pathways in Arabidopsis. <i>Plant and Cell Physiology</i> , 2015, 56, 2014-2023.	3.1	59
6	A Vps21 endocytic module regulates autophagy. <i>Molecular Biology of the Cell</i> , 2014, 25, 3166-3177.	2.1	55
7	UV-B-induced DNA damage mediates expression changes of cell cycle regulatory genes in Arabidopsis root tips. <i>Planta</i> , 2011, 233, 831-841.	3.2	54
8	Copper-induced root growth inhibition of <i>Allium cepa</i> var. <i>agrogarum</i> L. involves disturbances in cell division and DNA damage. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1045-1055.	4.3	54
9	Effects of Ca addition on the uptake, translocation, and distribution of Cd in <i>Arabidopsis thaliana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 228-237.	6.0	54
10	Effect of Inoculation with <i>Glomus versiforme</i> on Cadmium Accumulation, Antioxidant Activities and Phytochelatins of <i>Solanum proteincarpum</i> . <i>PLoS ONE</i> , 2015, 10, e0132347.	2.5	46
11	Influences of zinc oxide nanoparticles on <i>Allium cepa</i> root cells and the primary cause of phytotoxicity. <i>Ecotoxicology</i> , 2019, 28, 175-188.	2.4	45
12	Community Dynamics of Arbuscular Mycorrhizal Fungi in High-Input and Intensively Irrigated Rice Cultivation Systems. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2958-2965.	3.1	44
13	Arabidopsis RADICAL-INDUCED CELL DEATH1 is involved in UV-B signaling. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 838-846.	2.9	43
14	Dose-Dependent Physiological and Transcriptomic Responses of Lettuce ( <i>Lactuca sativa</i> L.) to Copper Oxide Nanoparticles—Insights into the Phytotoxicity Mechanisms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3688.	4.1	34
15	Sensing of UV-B radiation by plants. <i>Plant Signaling and Behavior</i> , 2012, 7, 999-1003.	2.4	33
16	Airborne foliar transfer of particular metals in <i>Lactuca sativa</i> L.: translocation, phytotoxicity, and bioaccessibility. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20064-20078.	5.3	33
17	Near-surface silica does not increase radiative heat dissipation from plant leaves. <i>Applied Physics Letters</i> , 2011, 99, 024104.	3.3	31
18	Distribution of arbuscular mycorrhizal fungi in four semi-mangrove plant communities. <i>Annals of Microbiology</i> , 2015, 65, 603-610.	2.6	29

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19	Response differences of arbuscular mycorrhizal fungi communities in the roots of an aquatic and a semiaquatic species to various flooding regimes. <i>Plant and Soil</i> , 2016, 403, 361-373.	3.7	28
20	Keeping and breeding the rescued Sunda pangolins ( <i>Manis javanica</i> ) in captivity. <i>Zoo Biology</i> , 2017, 36, 387-396.	1.2	22
21	Subtle biological responses to increased CO <sub>2</sub> concentrations by <i>Phaeocystis globosa</i> Scherffel, a harmful algal bloom species. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	21
22	Genotoxic effects and proteomic analysis on <i>Allium cepa</i> var. <i>agrogarum</i> L. root cells under Pb stress. <i>Ecotoxicology</i> , 2020, 29, 959-972.	2.4	20
23	Reproductive parameters of the Sunda pangolin, <i>Manis javanica</i> . <i>Folia Zoologica</i> , 2015, 64, 129-135.	0.9	18
24	Bioinformatics analysis of BBX family genes and its response to UV-B in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2020, 15, 1782647.	2.4	18
25	Foliar uptake, biotransformation, and impact of CuO nanoparticles in <i>Lactuca sativa</i> L. var. <i>ramosa</i> Hort.. <i>Environmental Geochemistry and Health</i> , 2021, 43, 423-439.	3.4	18
26	Interactions between calcium and ABA signaling pathways in the regulation of fruit ripening. <i>Journal of Plant Physiology</i> , 2021, 256, 153309.	3.5	17
27	Ignored diversity of arbuscular mycorrhizal fungi in co-occurring mycotrophic and non-mycotrophic plants. <i>Mycorrhiza</i> , 2021, 31, 93-102.	2.8	14
28	Effects of Arbuscular Mycorrhizal Fungi on Rice Growth Under Different Flooding and Shading Regimes. <i>Frontiers in Microbiology</i> , 2021, 12, 756752.	3.5	14
29	Application of the comet assay to measure DNA damage induced by UV radiation in the hydrophyte, <i>Spirodela polyrhiza</i> . <i>Physiologia Plantarum</i> , 2007, 129, 652-657.	5.2	12
30	Proteomic analysis of <i>Allium cepa</i> var. <i>agrogarum</i> L. roots under copper stress. <i>Plant and Soil</i> , 2016, 401, 197-212.	3.7	11
31	Expression Profile of the Digestive Enzymes of <i>Manis javanica</i> Reveals Its Adaptation to Diet Specialization. <i>ACS Omega</i> , 2019, 4, 19925-19933.	3.5	11
32	Differences in the Formation Mechanism of Giant Colonies in Two <i>Phaeocystis globosa</i> Strains. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5393.	4.1	11
33	Gibberellin regulates UV-B-induced hypocotyl growth inhibition in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2021, 16, 1966587.	2.4	11
34	Isolation and Identification of <i>Ipomoea cairica</i> (L.) Sweet Gene <i>IcsRO1</i> Encoding a SIMILAR TO RCD-ONE Protein, Which Improves Salt and Drought Tolerance in Transgenic <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 1017.	4.1	10
35	STO and GA negatively regulate UV-B-induced <i>Arabidopsis</i> root growth inhibition. <i>Plant Signaling and Behavior</i> , 2019, 14, 1675471.	2.4	7
36	BBX24 Interacts with DELLA to Regulate UV-B-Induced Photomorphogenesis in <i>Arabidopsis thaliana</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 7386.	4.1	7

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37	Ecological importance of the thermal emissivity of avian eggshells. <i>Journal of Theoretical Biology</i> , 2012, 301, 62-66.	1.7	6
38	Quantitative Proteomic Analyses Identify STO/BBX24 -Related Proteins Induced by UV-B. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2496.	4.1	6
39	Cytogenetic and genotoxic effects of <i>Ipomoea cairica</i> (L.) Sweet leaf aqueous extract on root growth of <i>Allium cepa</i> var. <i>agrogarum</i> (L.). <i>Allelopathy Journal</i> , 2019, 46, 61-70.	0.5	6
40	Effects of temperature on UV-B-induced DNA damage and photorepair in <i>Arabidopsis thaliana</i> . <i>Journal of Environmental Sciences</i> , 2004, 16, 173-6.	6.1	6
41	Does cell cycle arrest occur in plant under solar UV-B radiation?. <i>Plant Signaling and Behavior</i> , 2011, 6, 892-894.	2.4	5
42	Thermal emissivity of avian eggshells. <i>Journal of Thermal Biology</i> , 2016, 57, 1-5.	2.5	5
43	Reproductive behavior of the captive Sunda pangolin ( <i>Manis javanica</i> Desmarest, 1822). <i>Zoo Biology</i> , 2020, 39, 65-72.	1.2	5
44	Cloning and characterization of WRKY gene homologs in Chieh-qua ( <i>Benincasa hispida</i> Cogn. var.) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.2	3
45	Cloning and heterologous expression of a UDP-sugar-producing pyrophosphorylase gene from the harmful alga <i>Phaeocystis globosa</i> (Prymnesiophyceae) and its possible function in colony formation. <i>Algal Research</i> , 2021, 59, 102441.	4.6	3
46	Epiphytic fungi induced pathogen resistance of invasive plant <i>Ipomoea cairica</i> against <i>Colletotrichum gloeosporioides</i> . <i>PeerJ</i> , 2020, 8, e8889.	2.0	3
47	Application of in-house virtual protein database performed in genomic-proteomic combined research on heavy-metal stressed onion roots. <i>Biotechnology Letters</i> , 2016, 38, 1293-1300.	2.2	2
48	Dominant Fungal Epiphytes Promote Growth of the Invasive Plant <i>Ipomoea cairica</i> Through Hormone Interactions. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 1207-1218.	5.1	2
49	Differences Between Solitary Cells and Colonial Cells in the Heteromorphic Life Cycle of <i>Phaeocystis globosa</i> : Morphology, Physiology, and Transcriptome. <i>Journal of Ocean University of China</i> , 2021, 20, 939-948.	1.2	1