

# Sen Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5182573/publications.pdf>

Version: 2024-02-01

9  
papers

501  
citations

1478505

6  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

612  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcription factor <i>AtMYB103</i> is required for anther development by regulating tapetum development, callose dissolution and exine formation in Arabidopsis. <i>Plant Journal</i> , 2007, 52, 528-538.	5.7	339
2	<i>NO PRIMEXINE AND PLASMA MEMBRANE UNDULATION</i> Is Essential for Primexine Deposition and Plasma Membrane Undulation during Microsporogenesis in Arabidopsis. <i>Plant Physiology</i> , 2012, 158, 264-272.	4.8	60
3	Slowing development restores the fertility of thermo-sensitive male-sterile plant lines. <i>Nature Plants</i> , 2020, 6, 360-367.	9.3	42
4	OsMYB103 is required for rice anther development by regulating tapetum development and exine formation. <i>Science Bulletin</i> , 2010, 55, 3288-3297.	1.7	32
5	ACOS5 is required for primexine formation and exine pattern formation during microsporogenesis in Arabidopsis. <i>Journal of Plant Biology</i> , 2017, 60, 404-412.	2.1	11
6	DEX1, a plasma membrane-localized protein, functions in microspore development by affecting CalS5 expression in Arabidopsis thaliana. <i>Science Bulletin</i> , 2013, 58, 2855-2861.	1.7	9
7	Arabidopsis ECERIFERUM3 (CER3) Functions to Maintain Hydration for Pollen Stigma Recognition During Fertilization. <i>Journal of Plant Biology</i> , 2020, 63, 347-359.	2.1	6
8	Resonant-Cantilever-Detected Kinetic/Thermodynamic Parameters for Aptamer-Ligand Binding on a Liquid-Solid Interface. <i>Analytical Chemistry</i> , 2020, 92, 11127-11134.	6.5	2
9	Identification and genetic mapping of a novel gene involved in pollen development in arabidopsis. <i>Fen Zi Xi Bao Sheng Wu Xue Bao = Journal of Molecular Cell Biology</i> , 2006, 39, 163-8.	0.1	0