

# Zhen Gao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/290847/publications.pdf>

Version: 2024-02-01

13  
papers

510  
citations

840776

11  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

689  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functions and Regulation of Programmed Cell Death in Plant Development. Annual Review of Cell and Developmental Biology, 2016, 32, 441-468.	9.4	188
2	KIRA1 and ORESARA1 terminate flower receptivity by promoting cell death in the stigma of Arabidopsis. Nature Plants, 2018, 4, 365-375.	9.3	88
3	Auxin controls circadian flower opening and closure in the waterlily. BMC Plant Biology, 2018, 18, 143.	3.6	48
4	Auxin and cytokinin coordinate the dormancy and outgrowth of axillary bud in strawberry runner. BMC Plant Biology, 2019, 19, 528.	3.6	44
5	GmPIN-dependent polar auxin transport is involved in soybean nodule development. Plant Cell, 2021, 33, 2981-3003.	6.6	26
6	Mapped Hybrid Central-WENO Finite Difference Scheme for Detonation Waves Simulations. Journal of Scientific Computing, 2013, 55, 351-371.	2.3	24
7	Identification of a role for an E6-like 1 gene in early pollen-stigma interactions in Arabidopsis thaliana. Plant Reproduction, 2019, 32, 307-322.	2.2	22
8	GmPIN1-mediated auxin asymmetry regulates leaf petiole angle and plant architecture in soybean. Journal of Integrative Plant Biology, 2022, 64, 1325-1338.	8.5	20
9	High Order Weighted Essentially Non-oscillation Schemes for Two-Dimensional Detonation Wave Simulations. Journal of Scientific Computing, 2012, 53, 80-101.	2.3	16
10	FvMYB79 Positively Regulates Strawberry Fruit Softening via Transcriptional Activation of FvPME38. International Journal of Molecular Sciences, 2022, 23, 101.	4.1	15
11	Molecular diversity of restriction enzyme sites, Indels and upstream open reading frames (uORFs) of 5' untranslated regions (UTRs) of Waxy genes in Triticum L. and Aegilops L. species. Genetic Resources and Crop Evolution, 2012, 59, 1625-1647.	1.6	13
12	An h-adaptive RKDG method with troubled-cell indicator for one-dimensional detonation wave simulations. Advances in Computational Mathematics, 2016, 42, 1081-1102.	1.6	2
13	Yeast cell walls stimulate viability, respiratory burst, and phagocytosis in channel catfish (Ictalurus) Tj ETQq1 1 0.784314 rgBT <sub>2</sub> /Overlo	2.2	2