

# Yuejin Wang

## List of Publications by Year in descending order

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79  
papers

2,834  
citations

172386  
29  
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206029  
48  
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80  
all docs

80  
docs citations

80  
times ranked

2313  
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR/Cas9-mediated efficient targeted mutagenesis in grape in the first generation. <i>Plant Biotechnology Journal</i> , 2018, 16, 844-855.	4.1	270
2	Transcriptome sequencing and metabolite analysis reveals the role of delphinidin metabolism in flower colour in grape hyacinth. <i>Journal of Experimental Botany</i> , 2014, 65, 3157-3164.	2.4	185
3	Characterization of a novel stilbene synthase promoter involved in pathogen- and stress-inducible expression from Chinese wild <i>Vitis pseudoreticulata</i> . <i>Planta</i> , 2010, 231, 475-487.	1.6	125
4	The Chinese wild grapevine ( <i>Vitis pseudoreticulata</i> ) E3 ubiquitin ligase <i>Erysiphe necator</i> -induced RING finger protein 1 (EIRP1) activates plant defense responses by inducing proteolysis of the VpWRKY11 transcription factor. <i>New Phytologist</i> , 2013, 200, 834-846.	3.5	117
5	CRISPR/Cas9-mediated mutagenesis of VmLO3 results in enhanced resistance to powdery mildew in grapevine ( <i>Vitis vinifera</i> ). <i>Horticulture Research</i> , 2020, 7, 116.	2.9	113
6	Gibberellin-induced changes in the transcriptome of grapevine ( <i>Vitis labrusca</i> – <i>V. vinifera</i> ) cv. Kyoho flowers. <i>BMC Genomics</i> , 2015, 16, 128.	1.2	77
7	Analysis of the grape ( <i>Vitis vinifera</i> L.) thaumatin-like protein (TLP) gene family and demonstration that TLP29 contributes to disease resistance. <i>Scientific Reports</i> , 2017, 7, 4269.	1.6	75
8	The comparative analysis of the potential relationship between resveratrol and stilbene synthase gene family in the development stages of grapes ( <i>Vitis quinquangularis</i> and <i>Vitis vinifera</i> ). <i>Plant Physiology and Biochemistry</i> , 2014, 74, 24-32.	2.8	70
9	Expression pattern, genomic structure, and promoter analysis of the gene encoding stilbene synthase from Chinese wild <i>Vitis pseudoreticulata</i> . <i>Journal of Experimental Botany</i> , 2011, 62, 2745-2761.	2.4	66
10	Resistance evaluation of Chinese wild <i>Vitis</i> genotypes against <i>Botrytis cinerea</i> and different responses of resistant and susceptible hosts to the infection. <i>Frontiers in Plant Science</i> , 2015, 6, 854.	1.7	58
11	The Novel Gene VpPR4-1 from <i>Vitis pseudoreticulata</i> Increases Powdery Mildew Resistance in Transgenic <i>Vitis vinifera</i> L.. <i>Frontiers in Plant Science</i> , 2016, 7, 695.	1.7	52
12	Evolution and expression analysis reveal the potential role of the HD-Zip gene family in regulation of embryo abortion in grapes ( <i>Vitis vinifera</i> L.). <i>BMC Genomics</i> , 2017, 18, 744.	1.2	51
13	Identification and Characterization of <i>Erysiphe necator</i> -Responsive MicroRNAs in Chinese Wild <i>Vitis pseudoreticulata</i> by High-Throughput Sequencing. <i>Frontiers in Plant Science</i> , 2016, 7, 621.	1.7	50
14	Overexpression of VpEIFP1, a novel F-box/Kelch-repeat protein from wild Chinese <i>Vitis pseudoreticulata</i> , confers higher tolerance to powdery mildew by inducing thioredoxin z proteolysis. <i>Plant Science</i> , 2017, 263, 142-155.	1.7	49
15	Ectopic expression of a grape aspartic protease gene, AP13, in <i>Arabidopsis thaliana</i> improves resistance to powdery mildew but increases susceptibility to <i>Botrytis cinerea</i> . <i>Plant Science</i> , 2016, 248, 17-27.	1.7	47
16	The metacaspase gene family of <i>Vitis vinifera</i> L.: Characterization and differential expression during ovule abortion in stenospermocarpic seedless grapes. <i>Gene</i> , 2013, 528, 267-276.	1.0	46
17	A circulatory system useful both for long-term somatic embryogenesis and genetic transformation in <i>Vitis vinifera</i> L. cv. Thompson Seedless. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 118, 157-168.	1.2	45
18	A stilbene synthase allele from a Chinese wild grapevine confers resistance to powdery mildew by recruiting salicylic acid signalling for efficient defence. <i>Journal of Experimental Botany</i> , 2016, 67, 5841-5856.	2.4	45

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19	Genetic transformation of a fruit-specific, highly expressed stilbene synthase gene from Chinese wild <i>Vitis quinquangularis</i> . <i>Planta</i> , 2016, 243, 1041-1053.	1.6	45
20	Histological responses to downy mildew in resistant and susceptible grapevines. <i>Protoplasma</i> , 2015, 252, 259-270.	1.0	44
21	VpRFP1, a novel C4C4-type RING finger protein gene from Chinese wild <i>Vitis pseudoreticulata</i> , functions as a transcriptional activator in defence response of grapevine. <i>Journal of Experimental Botany</i> , 2011, 62, 5671-5682.	2.4	43
22	Establishment of a picloram-induced somatic embryogenesis system in <i>Vitis vinifera</i> cv. chardonnay and genetic transformation of a stilbene synthase gene from wild-growing <i>Vitis</i> species. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 121, 397-412.	1.2	43
23	Constitutive expression of a grape aspartic protease gene in transgenic <i>Arabidopsis</i> confers osmotic stress tolerance. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 121, 275-287.	1.2	43
24	Grapevine Vp<sc>PR</sc>10.1 functions in resistance to <i>Plasmopara viticola</i> through triggering a cell death-like defence response by interacting with Vp<sc>VDAC</sc>3. <i>Plant Biotechnology Journal</i> , 2018, 16, 1488-1501.	4.1	43
25	The WRKY53 transcription factor enhances stilbene synthesis and disease resistance by interacting with MYB14 and MYB15 in Chinese wild grape. <i>Journal of Experimental Botany</i> , 2020, 71, 3211-3226.	2.4	42
26	Flower-specific expression of the Phalaenopsis flavonoid 3-oxo-5-hydroxylase modifies flower color pigmentation in <i>Petunia</i> and <i>Lilium</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 115, 263-273.	1.2	40
27	A Novel Heat Shock Transcription Factor, VpHsf1, from Chinese Wild <i>Vitis pseudoreticulata</i> is Involved in Biotic and Abiotic Stresses. <i>Plant Molecular Biology Reporter</i> , 2013, 31, 240-247.	1.0	40
28	Transcriptome analyses of seed development in grape hybrids reveals a possible mechanism influencing seed size. <i>BMC Genomics</i> , 2016, 17, 898.	1.2	39
29	Insights into the Mechanisms Underlying Ultraviolet-C Induced Resveratrol Metabolism in Grapevine ( <i>V. amurensis</i> Rupr.) cv. 'Tonghua-3'. <i>Frontiers in Plant Science</i> , 2016, 7, 503.	1.7	38
30	RING-H2-type E3 gene VpRH2 from <i>Vitis pseudoreticulata</i> improves resistance to powdery mildew by interacting with VpGRP2A. <i>Journal of Experimental Botany</i> , 2017, 68, 1669-1687.	2.4	32
31	Expression of a grape ( <i>Vitis vinifera</i> ) bZIP transcription factor, VbZIP36, in <i>Arabidopsis thaliana</i> confers tolerance of drought stress during seed germination and seedling establishment. <i>Plant Science</i> , 2016, 252, 311-323.	1.7	31
32	VpPUB24, a novel gene from Chinese grapevine, <i>Vitis pseudoreticulata</i> , targets VpICE1 to enhance cold tolerance. <i>Journal of Experimental Botany</i> , 2017, 68, 2933-2949.	2.4	30
33	VqMYB154 promotes polygene expression and enhances resistance to pathogens in Chinese wild grapevine. <i>Horticulture Research</i> , 2021, 8, 151.	2.9	30
34	Embryo rescue technique and its applications for seedless breeding in grape. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 861-880.	1.2	29
35	In vitro induction of tetraploids in <i>Vitis</i> - <i>Muscadinia</i> hybrids. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 122, 675-683.	1.2	28
36	Ectopic expression of <i>Arabidopsis</i> broad-spectrum resistance gene RPW8.2 improves the resistance to powdery mildew in grapevine ( <i>Vitis vinifera</i> ). <i>Plant Science</i> , 2018, 267, 20-31.	1.7	28

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37	Genetic transformation of grape varieties and rootstocks via organogenesis. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 126, 541-552.	1.2	26
38	<i>VpSTS29/STS2</i> enhances fungal tolerance in grapevine through a positive feedback loop. <i>Plant, Cell and Environment</i> , 2019, 42, 2979-2998.	2.8	25
39	Heterologous expression of Chinese wild grapevine VqERFs in <i>Arabidopsis thaliana</i> enhance resistance to <i>Pseudomonas syringae</i> pv. tomato DC3000 and to <i>Botrytis cinerea</i> . <i>Plant Science</i> , 2020, 293, 110421.	1.7	25
40	Molecular Characteristics and Biochemical Functions of VpPR10s from <i>Vitis pseudoreticulata</i> Associated with Biotic and Abiotic Stresses. <i>International Journal of Molecular Sciences</i> , 2014, 15, 19162-19182.	1.8	24
41	Transcription factor VqERF114 regulates stilbene synthesis in Chinese wild <i>Vitis quinquangularis</i> by interacting with VqMYB35. <i>Plant Cell Reports</i> , 2019, 38, 1347-1360.	2.8	24
42	<i>VvHDZ28</i> positively regulate salicylic acid biosynthesis during seed abortion in Thompson Seedless. <i>Plant Biotechnology Journal</i> , 2021, 19, 1824-1838.	4.1	24
43	Expression of the Grape VqSTS21 Gene in <i>Arabidopsis</i> Confers Resistance to Osmotic Stress and Biotrophic Pathogens but Not <i>Botrytis cinerea</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1379.	1.7	23
44	Overexpression of two <i>CDPKs</i> from wild Chinese grapevine enhances powdery mildew resistance in <i>Vitis vinifera</i> and <i>Arabidopsis</i> . <i>New Phytologist</i> , 2021, 230, 2029-2046.	3.5	23
45	Breeding new seedless grapes using in ovulo embryo rescue and marker-assisted selection. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2015, 51, 241-248.	0.9	22
46	VqDUF642, a gene isolated from the Chinese grape <i>Vitis quinquangularis</i> , is involved in berry development and pathogen resistance. <i>Planta</i> , 2016, 244, 1075-1094.	1.6	22
47	Construction of Flower-specific Chimeric Promoters and Analysis of Their Activities in Transgenic <i>Torenia</i> . <i>Plant Molecular Biology Reporter</i> , 2014, 32, 234-245.	1.0	21
48	VlbZIP30 of grapevine functions in dehydration tolerance via the abscisic acid core signaling pathway. <i>Horticulture Research</i> , 2018, 5, 49.	2.9	20
49	Genome-wide analysis of glyoxalase-like gene families in grape ( <i>Vitis vinifera</i> L.) and their expression profiling in response to downy mildew infection. <i>BMC Genomics</i> , 2019, 20, 362.	1.2	19
50	Isolation and expression analysis of a novel pathogenesis-related protein 10 gene from Chinese wild <i>Vitis pseudoreticulata</i> induced by <i>Uncinula necator</i> . <i>Biologia (Poland)</i> , 2010, 65, 653-659.	0.8	18
51	Agrobacterium-mediated transformation of embryogenic cell suspension cultures and plant regeneration in <i>Lilium tenuifolium orientale</i> 'Trumpet Robina'. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 2047-2057.	1.0	18
52	Vacuolar processing enzyme (VvVPE) from <i>Vitis vinifera</i> , processes seed proteins during ovule development, and accelerates seed germination in VvVPE heterologously over-expressed <i>Arabidopsis</i> . <i>Plant Science</i> , 2018, 274, 420-431.	1.7	18
53	The process of embryo abortion of stenospermocarpic grape and it develops into plantlet in vitro using embryo rescue. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 143, 389-409.	1.2	18
54	Genome-wide identification and characterisation of phenylalanine ammonia-lyase gene family in grapevine. <i>Journal of Horticultural Science and Biotechnology</i> , 2021, 96, 456-468.	0.9	18

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55	Glyoxalase 4 functions downstream of NAC72 to modulate downy mildew resistance in grapevine. <i>Plant Journal</i> , 2021, 108, 394-410.	2.8	18
56	Grafting with rootstocks promotes phenolic compound accumulation in grape berry skin during development based on integrative multi-omics analysis. <i>Horticulture Research</i> , 2022, 9, .	2.9	17
57	Ectopic expression of VpSTS29, a stilbene synthase gene from <i>Vitis pseudoreticulata</i> , indicates STS presence in cytosolic oil bodies. <i>Planta</i> , 2018, 248, 89-103.	1.6	16
58	VqbZIP1 isolated from Chinese wild <i>Vitis quinquangularis</i> is involved in the ABA signaling pathway and regulates stilbene synthesis. <i>Plant Science</i> , 2019, 287, 110202.	1.7	16
59	Insight Into Function and Subcellular Localization of <i>Plasmopara viticola</i> Putative RxLR Effectors. <i>Frontiers in Microbiology</i> , 2020, 11, 692.	1.5	16
60	Improved in vitro <i>Vitis vinifera</i> L. embryo development of F1 progeny of "Delight" "Ruby seedless" using putrescine and marker-assisted selection. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2018, 54, 291-301.	0.9	15
61	Importin-1s are required for the nuclear localization and function of the <i>Plasmopara viticola</i> effector PvAVH53. <i>Horticulture Research</i> , 2021, 8, 46.	2.9	15
62	Expression of stilbene synthase VqSTS6 from wild Chinese <i>Vitis quinquangularis</i> in grapevine enhances resveratrol production and powdery mildew resistance. <i>Planta</i> , 2019, 250, 1997-2007.	1.6	14
63	Gene Cloning, Expression and Enzyme Activity of <i>Vitis vinifera</i> Vacuolar Processing Enzymes (VvVPEs). <i>PLoS ONE</i> , 2016, 11, e0160945.	1.1	13
64	Genome-wide Identification, Phylogenetic Analysis, and Expression Profiling of CONSTANS-like (COL) Genes in <i>Vitis vinifera</i> . <i>Journal of Plant Growth Regulation</i> , 2019, 38, 631-643.	2.8	12
65	Current Progress and Future Prospects for the Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR) Genome Editing Technology in Fruit Tree Breeding. <i>Critical Reviews in Plant Sciences</i> , 2018, 37, 233-258.	2.7	10
66	Abnormal Somatic Embryo Reduction and Recycling in Grapevine Regeneration. <i>Journal of Plant Growth Regulation</i> , 2017, 36, 912-918.	2.8	9
67	Expression and functional analysis of VviABCG14 from <i>Vitis vinifera</i> suggest the role in cytokinin transport and the interaction with VviABCG7. <i>Plant Physiology and Biochemistry</i> , 2020, 153, 1-10.	2.8	9
68	Molecular cloning and functional characterization of a seed-specific Vv2VPE gene promoter from <i>Vitis vinifera</i> . <i>Planta</i> , 2019, 250, 657-665.	1.6	8
69	Functional analysis of the fruit-specific promoter of VqSTS6 from the Chinese wild grape, <i>Vitis quinquangularis</i> . <i>Agri Gene</i> , 2016, 1, 38-45.	1.9	6
70	VpUR9, a novel RING-type ubiquitin ligase gene from <i>Vitis pseudoreticulata</i> , is involved in powdery mildew response in transgenic <i>V. vinifera</i> plants. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 131, 41-49.	1.2	6
71	The co-expression of genes involved in seed coat and endosperm development promotes seed abortion in grapevine. <i>Planta</i> , 2021, 254, 87.	1.6	6
72	Genome-wide identification, phylogenetic analysis, and expression profiling of glycine-rich RNA-binding protein (GRPs) genes in seeded and seedless grapes ( <i>Vitis vinifera</i> ). <i>Physiology and Molecular Biology of Plants</i> , 2021, 27, 2231-2243.	1.4	6

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73	Genome-Wide Identification and Expression Analysis of Thioredoxin (Trx) Genes in Seed Development of <i>Vitis vinifera</i> . <i>Journal of Plant Growth Regulation</i> , 2022, 41, 3030-3045.	2.8	5
74	VqBGH40a isolated from Chinese wild <i>Vitis quinquangularis</i> degrades trans-piceid and enhances trans-resveratrol. <i>Plant Science</i> , 2021, 310, 110989.	1.7	4
75	Genome Sequence Resource for <i>Colletotrichum viniferum</i> , the Cause of Grapevine Ripe Rot in China. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 90-93.	1.4	4
76	Continuous biosynthesis of abscisic acid (ABA) may be required for maintaining dormancy of isolated embryos and intact seeds of <i>Euonymus alatus</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 108, 493-500.	1.2	3
77	Dynamic translocation of stilbene synthase VpSTS29 from a Chinese wild <i>Vitis</i> species upon UV irradiation. <i>Phytochemistry</i> , 2019, 159, 137-147.	1.4	3
78	The grape ubiquitin ligase VpRH2 is a negative regulator in response to ABA treatment. <i>Planta</i> , 2020, 251, 88.	1.6	3
79	Cloning and activity analysis of the highly expressed gene <i>VviABCG20</i> promoter in seed and its activity is negatively regulated by the transcription factor <i>VviDof14</i> . <i>Plant Science</i> , 2022, 315, 111152.	1.7	2