

Zhi Li

List of Publications by Year in descending order

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110
papers

4,490
citations

94433

37
h-index

123424

61
g-index

111
all docs

111
docs citations

111
times ranked

8743
citing authors

#	ARTICLE	IF	CITATIONS
1	Human intracellular ISG15 prevents interferon- β over-amplification and auto-inflammation. <i>Nature</i> , 2015, 517, 89-93.	27.8	432
2	CRISPR/Cas9-mediated efficient targeted mutagenesis in grape in the first generation. <i>Plant Biotechnology Journal</i> , 2018, 16, 844-855.	8.3	270
3	Metabolomics-assisted proteomics identifies succinylation and SIRT5 as important regulators of cardiac function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4320-4325.	7.1	263
4	Trehalose 6-phosphate coordinates organic and amino acid metabolism with carbon availability. <i>Plant Journal</i> , 2016, 85, 410-423.	5.7	176
5	Zebrafish IRF1 Regulates IFN Antiviral Response through Binding to IFN-1 and IFN-3 Promoters Downstream of MyD88 Signaling. <i>Journal of Immunology</i> , 2015, 194, 1225-1238.	0.8	108
6	Receptor dimerization dynamics as a regulatory valve for plasticity of type I interferon signaling. <i>Journal of Cell Biology</i> , 2015, 209, 579-593.	5.2	103
7	Hydrostable and Nitryl/Methyl-Functionalized Metal-Organic Framework for Drug Delivery and Highly Selective CO ₂ Adsorption. <i>Inorganic Chemistry</i> , 2015, 54, 6719-6726.	4.0	91
8	Microsatellite instability and survival in gastric cancer: A systematic review and meta-analysis. <i>Molecular and Clinical Oncology</i> , 2015, 3, 699-705.	1.0	90
9	Integrated biorefinery approach to valorize winery waste: A review from waste to energy perspectives. <i>Science of the Total Environment</i> , 2020, 719, 137315.	8.0	90
10	Pim-1 kinase as cancer drug target: An update. <i>Biomedical Reports</i> , 2016, 4, 140-146.	2.0	84
11	Detection of a Superconducting Phase in a Two-Atom Layer of Hexagonal Ga Film Grown on Semiconducting GaN(0001). <i>Physical Review Letters</i> , 2015, 114, 107003.	7.8	81
12	Efficient approach to iron/nitrogen co-doped graphene materials as efficient electrochemical catalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7767-7772.	10.3	78
13	Gibberellin-induced changes in the transcriptome of grapevine (<i>Vitis labrusca</i> L. – <i>V. vinifera</i>) cv. Kyoho flowers. <i>BMC Genomics</i> , 2015, 16, 128.	2.8	77
14	Effect of mesoporous carbon microtube prepared by carbonizing the poplar catkin on sulfur cathode performance in Li/S batteries. <i>Journal of Alloys and Compounds</i> , 2015, 619, 298-302.	5.5	72
15	Distinguishing bipolar and major depressive disorders by brain structural morphometry: a pilot study. <i>BMC Psychiatry</i> , 2015, 15, 298.	2.6	68
16	Electronic evidence of an insulator-superconductor crossover in single-layer FeSe/SrTiO ₃ films. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18501-18506.	7.1	67
17	(+)-Catechin ameliorates diabetic nephropathy by trapping methylglyoxal in type 2 diabetic mice. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 2249-2260.	3.3	65
18	miR-204 functions as a tumor suppressor by regulating SIX1 in NSCLC. <i>FEBS Letters</i> , 2014, 588, 3703-3712.	2.8	61

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19	Porcine lactoferrin-derived peptide LFP-20 protects intestinal barrier by maintaining tight junction complex and modulating inflammatory response. <i>Biochemical Pharmacology</i> , 2016, 104, 74-82.	4.4	60
20	Efficient Directional Excitation of Surface Plasmons by a Single-Element Nanoantenna. <i>Nano Letters</i> , 2015, 15, 3115-3121.	9.1	57
21	Adsorptive removal of phenol from aqueous solution with zeolitic imidazolate framework-67. <i>Journal of Environmental Management</i> , 2016, 169, 167-173.	7.8	56
22	Grapevine VlbZIP30 improves drought resistance by directly activating VvNAC17 and promoting lignin biosynthesis through the regulation of three peroxidase genes. <i>Horticulture Research</i> , 2020, 7, 150.	6.3	54
23	YY1 suppresses FEN1 over-expression and drug resistance in breast cancer. <i>BMC Cancer</i> , 2015, 15, 50.	2.6	53
24	EBV-encoded RNA via TLR3 induces inflammation in nasopharyngeal carcinoma. <i>Oncotarget</i> , 2015, 6, 24291-24303.	1.8	53
25	Myeloid-specific disruption of recombination signal binding protein JÎ ^h ameliorates hepatic fibrosis by attenuating inflammation through cylindromatosis in mice. <i>Hepatology</i> , 2015, 61, 303-314.	7.3	52
26	LRP5/6 directly bind to Frizzled and prevent Frizzled-regulated tumour metastasis. <i>Nature Communications</i> , 2015, 6, 6906.	12.8	51
27	miR-504 mediated down-regulation of nuclear respiratory factor 1 leads to radio-resistance in nasopharyngeal carcinoma. <i>Oncotarget</i> , 2015, 6, 15995-16018.	1.8	50
28	A feedback regulatory loop involving p53/miR-200 and growth hormone endocrine axis controls embryo size of zebrafish. <i>Scientific Reports</i> , 2015, 5, 15906.	3.3	48
29	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.	3.6	47
30	Integrin-Alpha IIb Identifies Murine Lymph Node Lymphatic Endothelial Cells Responsive to RANKL. <i>PLoS ONE</i> , 2016, 11, e0151848.	2.5	46
31	Probiotics prevent Hirschsprung's disease-associated enterocolitis: a prospective multicenter randomized controlled trial. <i>International Journal of Colorectal Disease</i> , 2015, 30, 105-110.	2.2	45
32	Ectopic Expression of the Wild Grape WRKY Transcription Factor VqWRKY52 in <i>Arabidopsis thaliana</i> Enhances Resistance to the Biotrophic Pathogen Powdery Mildew But Not to the Necrotrophic Pathogen <i>Botrytis cinerea</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 97.	3.6	45
33	Hybrid Wiring of the <i>Rhodobacter sphaeroides</i> Reaction Center for Applications in Bio-photoelectrochemical Solar Cells. <i>Journal of Physical Chemistry C</i> , 2014, 118, 23509-23518.	3.1	44
34	The Grape VWRKY3 Gene Promotes Abiotic and Biotic Stress Tolerance in Transgenic <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 545.	3.6	44
35	Overexpression of VqWRKY31 enhances powdery mildew resistance in grapevine by promoting salicylic acid signaling and specific metabolite synthesis. <i>Horticulture Research</i> , 2022, 9, .	6.3	44
36	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.	2.3	43

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37	Nasopharyngeal carcinoma progression is mediated by EBER-triggered inflammation via the RIG-I pathway. <i>Cancer Letters</i> , 2015, 361, 67-74.	7.2	43
38	TGF β 3 Regulates Periderm Removal Through β 1-Np63 in the Developing Palate. <i>Journal of Cellular Physiology</i> , 2015, 230, 1212-1225.	4.1	40
39	A Stromal Cell Niche for Human and Mouse Type 3 Innate Lymphoid Cells. <i>Journal of Immunology</i> , 2015, 195, 4257-4263.	0.8	40
40	Transcriptome analyses of seed development in grape hybrids reveals a possible mechanism influencing seed size. <i>BMC Genomics</i> , 2016, 17, 898.	2.8	39
41	Delocalized Surface State in Epitaxial Si(111) Film with Spontaneous β - β Superstructure. <i>Scientific Reports</i> , 2015, 5, 13590.	3.3	37
42	Over-expression of a grape WRKY transcription factor gene, VWRKY48, in <i>Arabidopsis thaliana</i> increases disease resistance and drought stress tolerance. <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 132, 359-370.	2.3	37
43	Whole-genome sequencing reveals rare off-target mutations in CRISPR/Cas9-edited grapevine. <i>Horticulture Research</i> , 2021, 8, 114.	6.3	37
44	Geniposide Protects Primary Cortical Neurons against Oligomeric A β 1-42-Induced Neurotoxicity through a Mitochondrial Pathway. <i>PLoS ONE</i> , 2016, 11, e0152551.	2.5	36
45	Comparison of Outcomes and Presentation in Men-Versus-Women With Bicuspid Aortic Valves Undergoing Aortic Valve Replacement. <i>American Journal of Cardiology</i> , 2015, 116, 250-255.	1.6	35
46	Interaction and Assembly of Two Novel Proteins in the Spore Wall of the Microsporidian Species <i>Nosema bombycis</i> and Their Roles in Adherence to and Infection of Host Cells. <i>Infection and Immunity</i> , 2015, 83, 1715-1731.	2.2	35
47	Increases in soil CO ₂ and N ₂ O emissions with warming depend on plant species in restored alpine meadows of Wugong Mountain, China. <i>Journal of Soils and Sediments</i> , 2016, 16, 777-784.	3.0	35
48	Homogenously hexagonal prismatic AgBiS ₂ nanocrystals: controlled synthesis and application in quantum dot-sensitized solar cells. <i>CrystEngComm</i> , 2015, 17, 1902-1905.	2.6	34
49	Postural sway and regional cerebellar volume in adults with attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2015, 8, 422-428.	2.7	33
50	Biochemical changes and defence responses during the development of peach gummosis caused by <i>Lasioidiplodia theobromae</i> . <i>European Journal of Plant Pathology</i> , 2014, 138, 195-207.	1.7	29
51	Characterization of microRNA transcriptome in tumor, adjacent, and normal tissues of lung squamous cell carcinoma. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 149, 1404-1414.e4.	0.8	29
52	Encapsulation of enzyme via one-step template-free formation of stable organic-inorganic capsules: A simple and efficient method for immobilizing enzyme with high activity and recyclability. <i>Biotechnology and Bioengineering</i> , 2015, 112, 1092-1101.	3.3	28
53	Expression of <i>Vitis amurensis</i> VaERF20 in <i>Arabidopsis thaliana</i> Improves Resistance to <i>Botrytis cinerea</i> and <i>Pseudomonas syringae</i> pv. <i>Tomato</i> DC3000. <i>International Journal of Molecular Sciences</i> , 2018, 19, 696.	4.1	28
54	Transplantation of placenta-derived mesenchymal stem cell-induced neural stem cells to treat spinal cord injury. <i>Neural Regeneration Research</i> , 2014, 9, 2197.	3.0	28

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55	Cbl-b inhibits P-gp transporter function by preventing its translocation into caveolae in multiple drug-resistant gastric and breast cancers. <i>Oncotarget</i> , 2015, 6, 6737-6748.	1.8	27
56	Autoantibodies Targeting AT1 Receptor from Patients with Acute Coronary Syndrome Upregulate Proinflammatory Cytokines Expression in Endothelial Cells Involving NF- κ B Pathway. <i>Journal of Immunology Research</i> , 2014, 2014, 1-12.	2.2	25
57	Protein Dynamics in Young Maize Root Hairs in Response to Macro- and Micronutrient Deprivation. <i>Journal of Proteome Research</i> , 2015, 14, 3362-3371.	3.7	25
58	Genome-wide profiling of DNA methylation and gene expression in esophageal squamous cell carcinoma. <i>Oncotarget</i> , 2016, 7, 4507-4521.	1.8	24
59	Prognostic Model Based on Systemic Inflammatory Response and Clinicopathological Factors to Predict Outcome of Patients with Node-Negative Gastric Cancer. <i>PLoS ONE</i> , 2015, 10, e0128540.	2.5	23
60	A potent and selective antimicrobial poly(amidoamine) dendrimer conjugate with LED209 targeting QseC receptor to inhibit the virulence genes of gram negative bacteria. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 329-339.	3.3	22
61	Statin Use and Aneurysm Risk in Patients With Bicuspid Aortic Valve Disease. <i>Clinical Cardiology</i> , 2016, 39, 41-47.	1.8	22
62	Gene Expression Changes during the Gummosis Development of Peach Shoots in Response to <i>Lasiodiplodia theobromae</i> Infection Using RNA-Seq. <i>Frontiers in Physiology</i> , 2016, 7, 170.	2.8	21
63	The jasmonate-ZIM domain gene <i>VqJAZ4</i> from the Chinese wild grape <i>Vitis quinquangularis</i> improves resistance to powdery mildew in <i>Arabidopsis thaliana</i> . <i>Plant Physiology and Biochemistry</i> , 2019, 143, 329-339.	5.8	21
64	The transcription factors <i>VaERF16</i> and <i>VaMYB306</i> interact to enhance resistance of grapevine to <i>Botrytis cinerea</i> infection. <i>Molecular Plant Pathology</i> , 2022, 23, 1415-1432.	4.2	21
65	VlZIP30 of grapevine functions in dehydration tolerance via the abscisic acid core signaling pathway. <i>Horticulture Research</i> , 2018, 5, 49.	6.3	20
66	Effect of CYP2C9 κ VKORC1 interaction on warfarin stable dosage and its predictive algorithm. <i>Journal of Clinical Pharmacology</i> , 2015, 55, 251-257.	2.0	19
67	Comparative transcriptomic analysis highlights contrasting levels of resistance of <i>Vitis vinifera</i> and <i>Vitis amurensis</i> to <i>Botrytis cinerea</i> . <i>Horticulture Research</i> , 2021, 8, 103.	6.3	19
68	The Endophytic Fungus <i>Albifimbria verrucaria</i> from Wild Grape as an Antagonist of <i>Botrytis cinerea</i> and Other Grape Pathogens. <i>Phytopathology</i> , 2020, 110, 843-850.	2.2	18
69	Genome-wide identification and expression analysis of the B-box transcription factor gene family in grapevine (<i>Vitis vinifera</i> L.). <i>BMC Genomics</i> , 2021, 22, 221.	2.8	18
70	Endophytic fungal community in grape is correlated to foliar age and domestication. <i>Annals of Microbiology</i> , 2020, 70, .	2.6	17
71	Activated Pak4 expression correlates with poor prognosis in human gastric cancer patients. <i>Tumor Biology</i> , 2015, 36, 9431-9436.	1.8	16
72	Current status and future prospects of grapevine anthracnose caused by <i>Elsinoe ampelina</i> : An important disease in humid grape-growing regions. <i>Molecular Plant Pathology</i> , 2021, 22, 899-910.	4.2	16

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73	Advancements in plant regeneration and genetic transformation of grapevine (<i>Vitis</i> spp.). <i>Journal of Integrative Agriculture</i> , 2021, 20, 1407-1434.	3.5	16
74	Silencing β -linked N-acetylglucosamine transferase induces apoptosis in human gastric cancer cells through PUMA and caspase-3 pathways. <i>Oncology Reports</i> , 2015, 34, 3140-3146.	2.6	15
75	The Dual Roles of Zinc Sulfate in Mitigating Peach Gummosis. <i>Plant Disease</i> , 2016, 100, 345-351.	1.4	15
76	Infection process and host responses to <i>Elsinoë ampelina</i> , the causal organism of grapevine anthracnose. <i>European Journal of Plant Pathology</i> , 2019, 155, 571-582.	1.7	15
77	Role of grapevine <i>SEPALLATA</i> -related MADS-box gene <i>VvMADS39</i> in flower and ovule development. <i>Plant Journal</i> , 2022, 111, 1565-1579.	5.7	15
78	GdN thin film: Chern insulating state on square lattice. <i>Physical Review B</i> , 2015, 92, .	3.2	14
79	Selective in vivo and in vitro activities of 3,3'-nitrobenzylidene-bis-4-hydroxycoumarin against methicillin-resistant <i>Staphylococcus aureus</i> by inhibition of DNA polymerase III. <i>Scientific Reports</i> , 2015, 5, 13637.	3.3	14
80	Morphological characterization and optimization of conditions for conidial production of <i>Elsinoë ampelina</i> , the causal organism of grapevine anthracnose. <i>Journal of Phytopathology</i> , 2018, 166, 420-428.	1.0	14
81	Genome Sequence Resource for <i>Elsinoë ampelina</i> , the Causal Organism of Grapevine Anthracnose. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 576-579.	2.6	13
82	Identification of proteins capable of metal reduction from the proteome of the Gram-positive bacterium <i>D. desulfotomaculum reducens</i> ... using an NADH-based activity assay. <i>Environmental Microbiology</i> , 2015, 17, 1977-1990.	3.8	12
83	<i>Coccomyxa Gloeobotrydiformis</i> Improves Learning and Memory in Intrinsic Aging Rats. <i>International Journal of Biological Sciences</i> , 2015, 11, 825-832.	6.4	11
84	Coexpression of c-Met and Notch-1 correlates with poor prognosis in resected non-small-cell lung cancer. <i>Tumor Biology</i> , 2015, 36, 7053-7059.	1.8	11
85	A MADS-box transcription factor from grapevine, <i>VvMADS45</i> , influences seed development. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 105-118.	2.3	11
86	Secreted protein acidic and rich in cysteine antagonizes bufalin-induced apoptosis in gastric cancer cells. <i>Molecular Medicine Reports</i> , 2015, 12, 2926-2932.	2.4	10
87	Structure-guided design and biosynthesis of a novel FR-900098 analogue as a potent <i>Plasmodium falciparum</i> 1-deoxy-d-xylulose-5-phosphate reductoisomerase (Dxr) inhibitor. <i>Chemical Communications</i> , 2015, 51, 2526-2528.	4.1	10
88	Expression patterns and promoter characteristics of the <i>Vitis quinquangularis</i> VqSTS36 gene involved in abiotic and biotic stress response. <i>Protoplasma</i> , 2017, 254, 2247-2261.	2.1	10
89	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.	5.7	10
90	Characterization of phytotoxin and secreted proteins identifies of <i>Lasiodiplodia theobromae</i> , causes of peach gummosis. <i>Fungal Biology</i> , 2019, 123, 51-58.	2.5	10

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91	Pressure-induced dissociation of water molecules in ice VII. <i>Scientific Reports</i> , 2015, 5, 12551.	3.3	9
92	Expression of REST4 in human gliomas in vivo and influence of pioglitazone on REST in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 504-509.	2.1	9
93	PAX5 promotes pre-B cell proliferation by regulating the expression of pre-B cell receptor and its downstream signaling. <i>Molecular Immunology</i> , 2016, 73, 1-9.	2.2	9
94	Metal-silicene interaction studied by scanning tunneling microscopy. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 034002.	1.8	9
95	The surgery for blue rubber bleb nevus syndrome. <i>Annals of Medicine and Surgery</i> , 2016, 5, 93-96.	1.1	8
96	Melt-and-mold fabrication (MnM-Fab) of reconfigurable low-cost devices for use in resource-limited settings. <i>Talanta</i> , 2015, 145, 20-28.	5.5	7
97	Genotypic Analyses and Virulence Characterization of <i>Listeria monocytogenes</i> Isolates from Crayfish (<i>Procambarus clarkii</i>). <i>Current Microbiology</i> , 2015, 70, 704-709.	2.2	6
98	Transcriptome Analysis of the Grape- <i>Elsinoë ampelina</i> Pathosystem Reveals Novel Effectors and a Robust Defense Response. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 110-121.	2.6	6
99	Pathogenesis and Immune Response in Resistant and Susceptible Cultivars of Grapevine (<i>Vitis</i>) Tj ETQq1 1 0,784314 rgBT /Ove	2.2	6
100	The Impact of <i>Elsinoë ampelina</i> Infection on Key Metabolic Properties in <i>Vitis vinifera</i> Red Globe™ Berries via Multiomics Approaches. <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 15-27.	2.6	5
101	Expression of Epidermal Growth Factor-like Domain 7 is Increased by Transcatheter Arterial Embolization of Liver Tumors. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 1191-1196.	1.2	5
102	Hypomethylation and hypohydroxymethylation of DNA in hepatocellular carcinoma and cholangiocarcinoma. <i>Hepatology</i> , 2016, 63, 1745-1746.	7.3	4
103	Temperature induced modulation of lipid oxidation and lipid accumulation in palmitate-mediated 3T3-L1 adipocytes and 3T3-L1 adipocytes. <i>Journal of Thermal Biology</i> , 2016, 58, 1-7.	2.5	3
104	Patients with bipolar disorder show differential executive dysfunctions: A case-control study. <i>Psychiatry Research</i> , 2016, 238, 129-136.	3.3	3
105	The first case of pediatric bile duct adenoma. <i>Journal of Pediatric Surgery Case Reports</i> , 2015, 3, 32-34.	0.2	2
106	Characterization of a novel otubain-like protease with deubiquitination activity from <i>Nosema bombycis</i> (Microsporidia). <i>Parasitology Research</i> , 2015, 114, 3759-3766.	1.6	2
107	Extracting DNA words based on the sequence features: non-uniform distribution and integrity. <i>Theoretical Biology and Medical Modelling</i> , 2016, 13, 2.	2.1	2
108	Ultrastructural Observations of <i>Botrytis cinerea</i> and Physical Changes in Resistant and Susceptible Grapevines. <i>Phytopathology</i> , 2022, 112, 387-395.	2.2	2

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109	Molecular dissection of a putative iron reductase from <i>Desulfotomaculum reducens</i> MI-1. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 503-508.	2.1	1
110	Analysis of Grapevine's Somatic Embryogenesis Receptor Kinase (SERK) Gene Family: <i>VqSERK3/BAK1</i> Overexpression Enhances Disease Resistance. <i>Phytopathology</i> , 2022, 112, 1081-1092.	2.2	1