

Ting Wu

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

5,721
citations

186265

28
h-index

91884

69
g-index

102
all docs

102
docs citations

102
times ranked

10293
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational correction of copy number effect improves specificity of CRISPR-Cas9 essentiality screens in cancer cells. <i>Nature Genetics</i> , 2017, 49, 1779-1784.	21.4	1,436
2	Tumor microenvironment and therapeutic response. <i>Cancer Letters</i> , 2017, 387, 61-68.	7.2	1,267
3	Deletion of aquaporin-4 in APP/PS1 mice exacerbates brain A β accumulation and memory deficits. <i>Molecular Neurodegeneration</i> , 2015, 10, 58.	10.8	322
4	The Role of a Potassium Transporter OsHAK5 in Potassium Acquisition and Transport from Roots to Shoots in Rice at Low Potassium Supply Levels. <i>Plant Physiology</i> , 2014, 166, 945-959.	4.8	286
5	Preparation of polyethylene polyamine@tannic acid encapsulated MgAl-layered double hydroxide for the efficient removal of copper (II) ions from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 82, 92-101.	5.3	155
6	Antimicrobial mechanism of flavonoids against <i>Escherichia coli</i> ATCC 25922 by model membrane study. <i>Applied Surface Science</i> , 2014, 305, 515-521.	6.1	95
7	Sulfated <i>Cyclocarya paliurus</i> polysaccharides markedly attenuates inflammation and oxidative damage in lipopolysaccharide-treated macrophage cells and mice. <i>Scientific Reports</i> , 2017, 7, 40402.	3.3	88
8	A dense SNP genetic map constructed using restriction site-associated DNA sequencing enables detection of QTLs controlling apple fruit quality. <i>BMC Genomics</i> , 2015, 16, 747.	2.8	83
9	Alumina-supported APO-18 membranes for CO ₂ /CH ₄ separation. <i>Journal of Membrane Science</i> , 2014, 471, 338-346.	8.2	81
10	The generation of hydroxyl radicals by hydrogen peroxide decomposition on Fe-Fe ₃ O ₄ /SBA-15 catalysts for phenol degradation. <i>AIChE Journal</i> , 2015, 61, 166-176.	3.6	75
11	Ag-Ag ⁺ conjugations improve the long-term antibacterial properties of graphene oxide/quaternary ammonium salt nanocomposites. <i>Chemical Engineering Journal</i> , 2016, 304, 873-881.	12.7	65
12	Salvianolic Acid B Attenuates Experimental Pulmonary Fibrosis through Inhibition of the TGF- β 2 Signaling Pathway. <i>Scientific Reports</i> , 2016, 6, 27610.	3.3	65
13	3D-QSAR and docking studies of flavonoids as potent <i>Escherichia coli</i> inhibitors. <i>Scientific Reports</i> , 2016, 6, 23634.	3.3	63
14	The MYB transcription factor PbMYB12b positively regulates flavonol biosynthesis in pear fruit. <i>BMC Plant Biology</i> , 2019, 19, 85.	3.6	55
15	A Valuable Antigen Detection Method for Diagnosis of Acute Hepatitis E. <i>Journal of Clinical Microbiology</i> , 2015, 53, 782-788.	3.9	54
16	Natural Variation Underlies Differences in ETHYLENE RESPONSE FACTOR17 Activity in Fruit Peel Degreening. <i>Plant Physiology</i> , 2018, 176, 2292-2304.	4.8	47
17	Aronia (<i>Aronia melanocarpa</i>) phenolics bioavailability in a combined in vitro digestion/Caco-2 cell model is structure and colon region dependent. <i>Journal of Functional Foods</i> , 2017, 38, 128-139.	3.4	45
18	Amperometric sensing of L-phenylalanine using a gold electrode modified with a metal organic framework, a molecularly imprinted polymer, and I ² -cyclodextrin-functionalized gold nanoparticles. <i>Mikrochimica Acta</i> , 2017, 184, 2901-2907.	5.0	44

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19	The ethylene response factor AtERF4 negatively regulates the iron deficiency response in <i>Arabidopsis thaliana</i> . PLoS ONE, 2017, 12, e0186580.	2.5	43
20	Ethylene response factor AtERF72 negatively regulates <i>Arabidopsis thaliana</i> response to iron deficiency. Biochemical and Biophysical Research Communications, 2017, 491, 862-868.	2.1	40
21	<i>Aronia</i> (<i>Aronia melanocarpa</i>) Polyphenols Modulate the Microbial Community in a Simulator of the Human Intestinal Microbial Ecosystem (SHIME) and Decrease Secretion of Proinflammatory Markers in a Caco-2/endothelial Cell Coculture Model. Molecular Nutrition and Food Research, 2018, 62, e1800607.	3.3	39
22	Identification of new regulators through transcriptome analysis that regulate anthocyanin biosynthesis in apple leaves at low temperatures. PLoS ONE, 2019, 14, e0210672.	2.5	34
23	Neuromagnetic high-frequency oscillations correlate with seizure severity in absence epilepsy. Clinical Neurophysiology, 2016, 127, 1120-1129.	1.5	33
24	Netrin-1 alleviates subarachnoid haemorrhage-induced brain injury via the PPAR β /NF κ B signalling pathway. Journal of Cellular and Molecular Medicine, 2019, 23, 2256-2262.	3.6	33
25	Characterization of an <i>Escherichia coli</i> -derived human papillomavirus type 16 and 18 bivalent vaccine. Vaccine, 2017, 35, 4637-4645.	3.8	32
26	Human papillomavirus prevalence and associated factors in women and men in south China: a population-based study. Emerging Microbes and Infections, 2016, 5, 1-8.	6.5	31
27	Degradation of trichloroethylene by hydrodechlorination using formic acid as hydrogen source over supported Pd catalysts. Journal of Hazardous Materials, 2016, 305, 178-189.	12.4	31
28	Identification and isolation of a spiroplasma pathogen from diseased oriental river prawn, <i>Macrobrachium nipponense</i> , in China: A new freshwater crustacean host. Aquaculture, 2015, 437, 270-274.	3.5	30
29	Suppressing Sorbitol Synthesis Substantially Alters the Global Expression Profile of Stress Response Genes in Apple (<i>Malus domestica</i>) Leaves. Plant and Cell Physiology, 2015, 56, 1748-1761.	3.1	29
30	Methylation effect on IPT5b gene expression determines cytokinin biosynthesis in apple rootstock. Biochemical and Biophysical Research Communications, 2017, 482, 604-609.	2.1	28
31	Experimental Study of the Detection Limit in Dual-Gate Biosensors Using Ultrathin Silicon Transistors. ACS Nano, 2017, 11, 7142-7147.	14.6	28
32	AtROP6 is involved in reactive oxygen species signaling in response to iron-deficiency stress in <i>Arabidopsis thaliana</i> . FEBS Letters, 2018, 592, 3446-3459.	2.8	28
33	Dissection of the mechanism of traditional Chinese medical prescription-Yiqihuoxue formula as an effective anti-fibrotic treatment for systemic sclerosis. BMC Complementary and Alternative Medicine, 2014, 14, 224.	3.7	27
34	Morphological and enzymatic responses to waterlogging in three <i>Prunus</i> species. Scientia Horticulturae, 2017, 221, 62-67.	3.6	27
35	Mapping Gene Markers for Apple Fruit Ring Rot Disease Resistance Using a Multi-omics Approach. G3: Genes, Genomes, Genetics, 2019, 9, 1663-1678.	1.8	27
36	Enable digital transformation: entrepreneurial leadership, ambidextrous learning and organisational performance. Technology Analysis and Strategic Management, 2021, 33, 1389-1403.	3.5	27

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37	A novel pyrazolone-based derivative induces apoptosis in human esophageal cells via reactive oxygen species (ROS) generation and caspase-dependent mitochondria-mediated pathway. <i>Chemico-Biological Interactions</i> , 2015, 231, 1-9.	4.0	26
38	Resting state brain activity in patients with migraine: a magnetoencephalography study. <i>Journal of Headache and Pain</i> , 2015, 16, 525.	6.0	25
39	Emission of oxygenated volatile organic compounds (OVOCs) during the aerobic decomposition of orange wastes. <i>Journal of Environmental Sciences</i> , 2015, 33, 69-77.	6.1	25
40	Macrophage targeting contributes to the inhibitory effects of embelin on colitis-associated cancer. <i>Oncotarget</i> , 2016, 7, 19548-19558.	1.8	25
41	Knowledge and Attitudes Regarding HPV and Vaccination Among Chinese Women Aged 20 to 35 Years in Fujian Province. <i>Cancer Control</i> , 2018, 25, 107327481877535.	1.8	25
42	Role of lenticels and microcracks on susceptibility of apple fruit to <i>Botryosphaeria dothidea</i> . <i>European Journal of Plant Pathology</i> , 2015, 143, 317-330.	1.7	24
43	Multi-frequency analysis of brain connectivity networks in migraineurs: a magnetoencephalography study. <i>Journal of Headache and Pain</i> , 2016, 17, 38.	6.0	24
44	Abnormal functional connectivity under somatosensory stimulation in migraine: a multi-frequency magnetoencephalography study. <i>Journal of Headache and Pain</i> , 2019, 20, 3.	6.0	24
45	Volatile organic compound emissions from straw-amended agricultural soils and their relations to bacterial communities: A laboratory study. <i>Journal of Environmental Sciences</i> , 2016, 45, 257-269.	6.1	23
46	Rapid Identification of Pork Adulterated in the Beef and Mutton by Infrared Spectroscopy. <i>Journal of Spectroscopy</i> , 2018, 2018, 1-10.	1.3	23
47	Prognostic Value of the Nutritional Risk Screening 2002 Scale in Metastatic Gastric Cancer: A Large-Scale Cohort Study. <i>Journal of Cancer</i> , 2019, 10, 112-119.	2.5	23
48	Fine Epitope Mapping of the Central Immunodominant Region of Nucleoprotein from Crimean-Congo Hemorrhagic Fever Virus (CCHFV). <i>PLoS ONE</i> , 2014, 9, e108419.	2.5	21
49	The use of poly(methacrylic acid) nanogel to control the release of amoxicillin with lower cytotoxicity. <i>Materials Science and Engineering C</i> , 2014, 43, 622-629.	7.3	20
50	MK2 inhibitor reduces alkali burn-induced inflammation in rat cornea. <i>Scientific Reports</i> , 2016, 6, 28145.	3.3	20
51	Downregulation of the auxin transporter gene <i>SIPIN8</i> results in pollen abortion in tomato. <i>Plant Molecular Biology</i> , 2019, 99, 561-573.	3.9	20
52	Quantitative Principles for Precise Engineering of Sensitivity in Graphene Electrochemical Sensors. <i>Advanced Materials</i> , 2019, 31, e1805752.	21.0	20
53	Lower cytotoxicity, high stability, and long-term antibacterial activity of a poly(methacrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 <i>Materials Science and Engineering C</i> , 2016, 58, 659-665.	7.3	19
54	Relatively high acidity is an important breeding objective for fresh juice-specific apple cultivars. <i>Scientia Horticulturae</i> , 2018, 233, 29-37.	3.6	19

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55	Cytomegalovirus Shedding in Healthy Seropositive Female College Students: A 6-Month Longitudinal Study. <i>Journal of Infectious Diseases</i> , 2018, 217, 1069-1073.	4.0	19
56	Automatic Lateralization of Temporal Lobe Epilepsy Based on MEG Network Features Using Support Vector Machines. <i>Complexity</i> , 2018, 2018, 1-10.	1.6	19
57	Effects of straw return on C ₂ and C ₅ non-methane hydrocarbon (NMHC) emissions from agricultural soils. <i>Atmospheric Environment</i> , 2015, 100, 210-217.	4.1	18
58	Involvement of collagen-binding heat shock protein 47 in scleroderma-associated fibrosis. <i>Protein and Cell</i> , 2015, 6, 589-598.	11.0	17
59	Abnormal cortical activation in females with acute migraine: A magnetoencephalography study. <i>Clinical Neurophysiology</i> , 2015, 126, 170-179.	1.5	17
60	Cardioprotection by Low-dose of Estrogen and Testosterone at the Physiological Ratio on Ovariectomized Rats During Ischemia/Reperfusion Injury. <i>Journal of Cardiovascular Pharmacology</i> , 2017, 70, 87-93.	1.9	17
61	Identifying WeChat Red Packets and Fund Transfers Via Analyzing Encrypted Network Traffic. , 2018, , .		17
62	Hybrid CMOS-Graphene Sensor Array for Subsecond Dopamine Detection. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2017, 11, 1192-1203.	4.0	16
63	<i>Helicobacter pylori</i> induces caudal-type homeobox protein 2 and cyclooxygenase 2 expression by modulating microRNAs in esophageal epithelial cells. <i>Cancer Science</i> , 2018, 109, 297-307.	3.9	16
64	Job Autonomy and Career Commitment: A Moderated Mediation Model of Job Crafting and Sense of Calling. <i>SAGE Open</i> , 2021, 11, 215824402110041.	1.7	16
65	Neuromagnetic coherence of epileptic activity: An MEG study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 417-423.	2.0	14
66	The MK2/HuR signaling pathway regulates TNF- α -induced ICAM-1 expression by promoting the stabilization of ICAM-1 mRNA. <i>BMC Pulmonary Medicine</i> , 2016, 16, 84.	2.0	14
67	Identification and characterization of a potent and selective inhibitor of human urate transporter 1. <i>Pharmacological Reports</i> , 2017, 69, 1103-1112.	3.3	14
68	Sex differences in the incidence and clearance of anal human papillomavirus infection among heterosexual men and women in Liuzhou, China: An observational cohort study. <i>International Journal of Cancer</i> , 2019, 145, 807-816.	5.1	14
69	Persistent halogenated compounds in captive Chinese alligators (<i>Alligator sinensis</i>) from China. <i>Chemosphere</i> , 2014, 110, 23-30.	8.2	13
70	Dwarfing Effect of Apple Rootstocks Is Intimately Associated with Low Number of Fine Roots. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 503-512.	1.0	13
71	Apigenin, a novel candidate involving herb-drug interaction (HDI), interacts with organic anion transporter 1 (OAT1). <i>Pharmacological Reports</i> , 2017, 69, 1254-1262.	3.3	13
72	Inhibition of hyperpolarization-activated cyclic nucleotide-gated channels by β -blocker carvedilol. <i>British Journal of Pharmacology</i> , 2018, 175, 3963-3975.	5.4	13

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73	Prenatal choline supplementation attenuates spatial learning deficits of offspring rats exposed to low-protein diet during fetal period. <i>Journal of Nutritional Biochemistry</i> , 2016, 32, 163-170.	4.2	11
74	Use of a Survey to Assess the Environmental Exposure and Family Perception to Lead in Children (Tj ETQq0 0 0 rgBT /Overlock 10 and Public Health, 2018, 15, 740.	2.6	11
75	Occurrence of Decabromodiphenyl Ethane in Captive Chinese Alligators (<i>Alligator sinensis</i>) from China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 94, 12-16.	2.7	10
76	Baicalein blocks α -synuclein secretion from SN4741 cells and facilitates α -synuclein polymerization to big complex. <i>Neuroscience Letters</i> , 2017, 655, 109-114.	2.1	10
77	Should we be "challenging" employees? A study of job complexity and job crafting. <i>International Journal of Hospitality Management</i> , 2022, 102, 103165.	8.8	9
78	Prophylaxis against hepatitis E: at risk populations and human vaccines. <i>Expert Review of Vaccines</i> , 2016, 15, 815-827.	4.4	8
79	Hepatitis E vaccine candidate harboring a non-particulate immunogen of E2 fused with CRM197 fragment A. <i>Antiviral Research</i> , 2019, 164, 154-161.	4.1	8
80	15.7 Heterogeneous integrated CMOS-graphene sensor array for dopamine detection. , 2017, , .		7
81	Multi-Elements in Source Water (Drinking and Surface Water) within Five Cities from the Semi-Arid and Arid Region, NW China: Occurrence, Spatial Distribution and Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1168.	2.6	7
82	Clinical tolerability and pharmacokinetics of Erigerontis hydroxybenzene injection: Results of a randomized phase I study in healthy Chinese volunteers. <i>Phytomedicine</i> , 2015, 22, 319-325.	5.3	6
83	Interictal Abnormalities of Neuromagnetic Gamma Oscillations in Migraine Following Negative Emotional Stimulation. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 169.	2.0	6
84	Pseudolaric acid B induced autophagy, but not apoptosis, in MRC5 human fibroblast cells. <i>Oncology Letters</i> , 2018, 15, 863-870.	1.8	4
85	The Development of an Intelligent Monitoring System for Agricultural Inputs Basing on DBN-SOFTMAX. <i>Journal of Sensors</i> , 2018, 2018, 1-11.	1.1	4
86	Thinking of better or worse? How goal orientation affects safety behavior in near misses. <i>Social Behavior and Personality</i> , 2018, 46, 375-386.	0.6	4
87	Safety-Specific Leadership, Goal Orientation, and Near-Miss Recognition: The Cross-Level Moderating Effects of Safety Climate. <i>Frontiers in Psychology</i> , 2019, 10, 1136.	2.1	4
88	Work Stress, Perceived Career Opportunity, and Organizational Loyalty In Organizational Change: a Moderated Mediation Model. <i>Social Behavior and Personality</i> , 2019, 47, 1-11.	0.6	4
89	The divergent effects of work stress on constructive voice and defensive voice: A cross-level of moderated mediation model. <i>Acta Psychologica Sinica</i> , 2019, 51, 1375-1385.	0.7	4
90	Statistical parametric mapping for analyzing interictal magnetoencephalography in patients with left frontal lobe epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 34, 38-43.	2.0	3

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91	Candidate genes associated with resistance to Valsa canker identified via quantitative trait loci in apple. <i>Journal of Phytopathology</i> , 2017, 165, 848-857.	1.0	3
92	Ambidextrous activities of internet-based entrepreneurships in Apple App Store: two sides of user feedback. <i>Technology Analysis and Strategic Management</i> , 2018, 30, 1210-1225.	3.5	3
93	How leaders are persuaded: An elaboration likelihood model of voice endorsement. <i>PLoS ONE</i> , 2021, 16, e0251850.	2.5	3
94	Determination of scutellarein in human plasma by enzymatic hydrolysis and liquid chromatograph-triple quadrupole tandem mass spectrometer analysis: Its use in determining the bioequivalence of scutellarin in Chinese volunteers. <i>European Journal of Integrative Medicine</i> , 2016, 8, 519-525.	1.7	2
95	Genetic Diversity and Heritability of In Vitro Leaf Regeneration Ability in Malus Species. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 1396-1400.	1.0	2
96	A Location Spoofing Detection Method for Social Networks (Short Paper). <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019, , 138-150.	0.3	2
97	Abnormality of visual neuromagnetic activation in female migraineurs without aura between attacks. <i>Journal of Headache and Pain</i> , 2019, 20, 7.	6.0	2
98	The influence of fear of isolation on contact experience disclosure: Evidence from safety management of the <scp>COVID</scp> â€19 pandemic. <i>Asian Journal of Social Psychology</i> , 0, , .	2.1	2
99	Divergent effects of transformational leadership on safety compliance: A dual-path moderated mediation model. <i>PLoS ONE</i> , 2022, 17, e0262394.	2.5	1
100	Surviving uncertainty: A dual-path model of personal initiative affecting graduate employability. <i>PLoS ONE</i> , 2022, 17, e0270905.	2.5	1
101	Glucose sensing using dual-gated BioFETs with 5nm-thick silicon body. , 2017, , .		0