

Yingying Zhang

List of Publications by Year in descending order

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100
papers

5,000
citations

147801

31
h-index

98798

67
g-index

102
all docs

102
docs citations

102
times ranked

9953
citing authors

#	ARTICLE	IF	CITATIONS
1	Ablation of PRDM16 and Beige Adipose Causes Metabolic Dysfunction and a Subcutaneous to Visceral Fat Switch. <i>Cell</i> , 2014, 156, 304-316.	28.9	719
2	Epidermis Microstructure Inspired Graphene Pressure Sensor with Random Distributed Spinosum for High Sensitivity and Large Linearity. <i>ACS Nano</i> , 2018, 12, 2346-2354.	14.6	579
3	Extremely Black Vertically Aligned Carbon Nanotube Arrays for Solar Steam Generation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28596-28603.	8.0	270
4	Inactivation of antibiotic resistance genes in municipal wastewater effluent by chlorination and sequential UV/chlorination disinfection. <i>Science of the Total Environment</i> , 2015, 512-513, 125-132.	8.0	187
5	Inactivation of antibiotic resistance genes in municipal wastewater by chlorination, ultraviolet, and ozonation disinfection. <i>Environmental Science and Pollution Research</i> , 2015, 22, 7037-7044.	5.3	185
6	A rice calcium-dependent protein kinase OsCPK9 positively regulates drought stress tolerance and spikelet fertility. <i>BMC Plant Biology</i> , 2014, 14, 133.	3.6	181
7	Reduction of antibiotic resistance genes in municipal wastewater effluent by advanced oxidation processes. <i>Science of the Total Environment</i> , 2016, 550, 184-191.	8.0	158
8	A natural tandem array alleviates epigenetic repression of IPA1 and leads to superior yielding rice. <i>Nature Communications</i> , 2017, 8, 14789.	12.8	149
9	In Vitro Activation of Follicles and Fresh Tissue Auto-transplantation in Primary Ovarian Insufficiency Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4405-4412.	3.6	147
10	Prognostic value of the neutrophil to lymphocyte ratio in lung cancer: A meta-analysis. <i>Clinics</i> , 2015, 70, 524-530.	1.5	122
11	Measurement of specific heat and thermal conductivity of supported and suspended graphene by a comprehensive Raman optothermal method. <i>Nanoscale</i> , 2017, 9, 10784-10793.	5.6	110
12	Genetic Architecture and Selection of Chinese Cattle Revealed by Whole Genome Resequencing. <i>Molecular Biology and Evolution</i> , 2018, 35, 688-699.	8.9	97
13	Sphingosine-1-phosphate induced epithelial-mesenchymal transition of hepatocellular carcinoma via an MMP-7/syndecan-1/TGF- β 2 autocrine loop. <i>Oncotarget</i> , 2016, 7, 63324-63337.	1.8	93
14	Group-DIA: analyzing multiple data-independent acquisition mass spectrometry data files. <i>Nature Methods</i> , 2015, 12, 1105-1106.	19.0	92
15	Fast Growth and Broad Applications of 25 μ m Uniform Graphene Glass. <i>Advanced Materials</i> , 2017, 29, 1603428.	21.0	90
16	HDAC6 promotes cell proliferation and confers resistance to temozolomide in glioblastoma. <i>Cancer Letters</i> , 2016, 379, 134-142.	7.2	71
17	Global DNA methylation in gonads of adult zebrafish <i>Danio rerio</i> under bisphenol A exposure. <i>Ecotoxicology and Environmental Safety</i> , 2016, 130, 124-132.	6.0	69
18	The C9orf72-interacting protein Smcr8 is a negative regulator of autoimmunity and lysosomal exocytosis. <i>Genes and Development</i> , 2018, 32, 929-943.	5.9	65

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19	A Systems Approach to Refine Disease Taxonomy by Integrating Phenotypic and Molecular Networks. <i>EBioMedicine</i> , 2018, 31, 79-91.	6.1	60
20	Nitrogen removal from Lake Caohai, a typical ultra-eutrophic lake in China with large scale confined growth of <i>Eichhornia crassipes</i> . <i>Chemosphere</i> , 2013, 92, 177-183.	8.2	52
21	Molecular Identification and Epidemiological Features of Human Adenoviruses Associated with Acute Respiratory Infections in Hospitalized Children in Southern China, 2012-2013. <i>PLoS ONE</i> , 2016, 11, e0155412.	2.5	50
22	Genome-Wide Association of Pericardial Fat Identifies a Unique Locus for Ectopic Fat. <i>PLoS Genetics</i> , 2012, 8, e1002705.	3.5	48
23	Oxidative stress and immunotoxic effects of bisphenol A on the larvae of rare minnow <i>Gobiocypris rarus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 124, 377-385.	6.0	46
24	Luteolin Enhances Sarcoplasmic Reticulum Ca ²⁺ -ATPase Activity through p38 MAPK Signaling thus Improving Rat Cardiac Function after Ischemia/Reperfusion. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 999-1010.	1.6	46
25	Kindlin supports platelet integrin α IIb β 3 activation by interacting with paxillin. <i>Journal of Cell Science</i> , 2017, 130, 3764-3775.	2.0	43
26	microRNA-21a-5p/PDCD4 axis regulates mesenchymal stem cell-induced neuroprotection in acute glaucoma. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 289-301.	3.3	42
27	Plasma microRNA expression profiles in Chinese patients with rheumatoid arthritis. <i>Oncotarget</i> , 2015, 6, 42557-42568.	1.8	42
28	Accumulation and detoxification dynamics of microcystin-LR and antioxidant responses in male red swamp crayfish <i>Procambarus clarkii</i> . <i>Aquatic Toxicology</i> , 2016, 177, 8-18.	4.0	41
29	Non-monotonic dose-response effect of bisphenol A on rare minnow <i>Gobiocypris rarus</i> ovarian development. <i>Chemosphere</i> , 2016, 144, 304-311.	8.2	40
30	Functional characterization of myeloid-derived suppressor cell subpopulations during the development of experimental arthritis. <i>European Journal of Immunology</i> , 2015, 45, 464-473.	2.9	37
31	Fluid shear stress induces epithelial-mesenchymal transition (EMT) in Hep-2 cells. <i>Oncotarget</i> , 2016, 7, 32876-32892.	1.8	34
32	Enhanced GSH synthesis by Bisphenol A exposure promoted DNA methylation process in the testes of adult rare minnow <i>Gobiocypris rarus</i> . <i>Aquatic Toxicology</i> , 2016, 178, 99-105.	4.0	31
33	Go East for Better Honey Bee Health: <i>Apis cerana</i> Is Faster at Hygienic Behavior than <i>A. mellifera</i> . <i>PLoS ONE</i> , 2016, 11, e0162647.	2.5	31
34	Multi-walled carbon nanotube-based carbon/carbon composites with three-dimensional network structures. <i>Nanoscale</i> , 2013, 5, 6181.	5.6	27
35	Monodisperse Ultrasmall Manganese-Doped Multimetallic Oxysulfide Nanoparticles as Highly Efficient Oxygen Reduction Electrocatalyst. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13413-13424.	8.0	27
36	The infection of red seabream iridovirus in mandarin fish (<i>Siniperca chuatsi</i>) and the host immune related gene expression profiles. <i>Fish and Shellfish Immunology</i> , 2018, 74, 474-484.	3.6	27

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37	Role of leptin in the regulation of sterol/steroid biosynthesis in goose granulosa cells. <i>Theriogenology</i> , 2014, 82, 677-685.	2.1	26
38	Three-dimensional printing assisted ORIF versus conventional ORIF for tibial plateau fractures: A systematic review and meta-analysis. <i>International Journal of Surgery</i> , 2018, 57, 35-44.	2.7	26
39	Targets and genomic constraints of ectopic Dnmt3b expression. <i>ELife</i> , 2018, 7, .	6.0	26
40	Prognostic value of CD73-adenosinergic pathway in solid tumor: A meta-analysis and systematic review. <i>Oncotarget</i> , 2017, 8, 57327-57336.	1.8	24
41	Molecular mechanism of endocrine system impairment by 17 β -methyltestosterone in gynogenic Pengze crucian carp offspring. <i>Ecotoxicology and Environmental Safety</i> , 2016, 128, 143-152.	6.0	23
42	Effects of bisphenol A on lipid metabolism in rare minnow <i>Gobiocypris rarus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 179, 144-149.	2.6	23
43	Correlation of serum magnesium with cardiovascular risk factors in maintenance hemodialysis patients â€“ a cross-sectional study. <i>Magnesium Research</i> , 2013, 26, 100-108.	0.5	22
44	Activity and Transcriptional Responses of Hepatopancreatic Biotransformation and Antioxidant Enzymes in the Oriental River Prawn <i>Macrobrachium nipponense</i> Exposed to Microcystin-LR. <i>Toxins</i> , 2015, 7, 4006-4022.	3.4	22
45	Hierarchical ordering of amyloid fibrils on the mica surface. <i>Nanoscale</i> , 2013, 5, 4816.	5.6	21
46	SPECT and fluorescence imaging of vulnerable atherosclerotic plaque with a vascular cell adhesion molecule 1 single-chain antibody fragment. <i>Atherosclerosis</i> , 2016, 254, 263-270.	0.8	21
47	Quantitative assessment of gene expression network module-validation methods. <i>Scientific Reports</i> , 2015, 5, 15258.	3.3	20
48	Testicular transcript responses in rare minnow <i>Gobiocypris rarus</i> following different concentrations bisphenol A exposure. <i>Chemosphere</i> , 2016, 156, 357-366.	8.2	20
49	Effect of low-dose malathion on the gonadal development of adult rare minnow <i>Gobiocypris rarus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 125, 135-140.	6.0	20
50	Telemedical Deep Brain Stimulation: Merits and Limitations. <i>Stereotactic and Functional Neurosurgery</i> , 2018, 96, 272-273.	1.5	20
51	Optical methods for determining thicknesses of few-layer graphene flakes. <i>Nanotechnology</i> , 2013, 24, 505701.	2.6	19
52	System-wide assembly of pathways and modules hierarchically reveal metabolic mechanism of cerebral ischemia. <i>Scientific Reports</i> , 2015, 5, 17068.	3.3	19
53	Preoperative Vascular Medial Fibrosis and Arteriovenous Fistula Development. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 1615-1623.	4.5	19
54	Self-targeted salinomycin-loaded DSPE-PEG-methotrexate nanomicelles for targeting both head and neck squamous cell carcinoma cancer cells and cancer stem cells. <i>Nanomedicine</i> , 2017, 12, 295-315.	3.3	18

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55	Transcription Factors GATA-4 and GATA-6: Molecular Characterization, Expression Patterns and Possible Functions During Goose (<i>Anser cygnoides</i>) Follicle Development. <i>Journal of Reproduction and Development</i> , 2014, 60, 83-91.	1.4	17
56	The Influence of <i>Chm-1</i> Knockout on Ectopic Cartilage Regeneration and Homeostasis Maintenance. <i>Tissue Engineering - Part A</i> , 2015, 21, 782-792.	3.1	17
57	Effects of 17 β -methyltestosterone on transcriptome, gonadal histology and sex steroid hormones in rare minnow <i>Gobiocypris rarus</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2015, 15, 20-27.	1.0	17
58	Fenced cultivation of water hyacinth for cyanobacterial bloom control. <i>Environmental Science and Pollution Research</i> , 2016, 23, 17742-17752.	5.3	17
59	Detection of melanoma metastases with PET—Comparison of 18 F-5-FPN with 18 F—FDG. <i>Nuclear Medicine and Biology</i> , 2017, 50, 33-38.	0.6	17
60	Responses of gonadal transcriptome and physiological analysis following exposure to 17 β -ethynylestradiol in adult rare minnow <i>Gobiocypris rarus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 141, 209-215.	6.0	17
61	Rapid and accurate intraoperative pathological diagnosis by artificial intelligence with deep learning technology. <i>Medical Hypotheses</i> , 2017, 107, 98-99.	1.5	17
62	The RIP3-RIP1-NF- κ B signaling axis is dispensable for necroptotic cells to elicit cross-priming of CD8+ T cells. <i>Cellular and Molecular Immunology</i> , 2017, 14, 639-642.	10.5	16
63	Discovery of novel mifepristone derivatives via suppressing KLF5 expression for the treatment of triple-negative breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 354-367.	5.5	16
64	PET Imaging of VCAM-1 Expression and Monitoring Therapy Response in Tumor with a 68Ga-Labeled Single Chain Variable Fragment. <i>Molecular Pharmaceutics</i> , 2018, 15, 609-618.	4.6	16
65	The value of initial cavitation to predict re-treatment with pulmonary tuberculosis. <i>European Journal of Medical Research</i> , 2016, 21, 20.	2.2	15
66	Responsiveness of four gender-specific genes, <i>figla</i> , <i>foxl2</i> , <i>scp3</i> and <i>sox9a</i> to 17 β -ethynylestradiol in adult rare minnow <i>Gobiocypris rarus</i> . <i>General and Comparative Endocrinology</i> , 2014, 200, 44-53.	1.8	14
67	Gene expression profiling of key genes in hypothalamus—pituitary—gonad axis of rare minnow <i>Gobiocypris rarus</i> in response to EE2. <i>Gene</i> , 2014, 552, 8-17.	2.2	14
68	Molecular characterization of <i>gdf9</i> and <i>bmp15</i> genes in rare minnow <i>Gobiocypris rarus</i> and their expression upon bisphenol A exposure in adult females. <i>Gene</i> , 2014, 546, 214-221.	2.2	14
69	Poly-dimensional network comparative analysis reveals the pure pharmacological mechanism of baicalin in the targeted network of mouse cerebral ischemia. <i>Brain Research</i> , 2017, 1666, 70-79.	2.2	14
70	Expression of two zona pellucida genes is regulated by 17 β -ethynylestradiol in adult rare minnow <i>Gobiocypris rarus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 158, 1-9.	2.6	13
71	Identification and mRNA expression of two 17 β -hydroxysteroid dehydrogenase genes in the marine mussel <i>Mytilus galloprovincialis</i> following exposure to endocrine disrupting chemicals. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 1243-1255.	4.0	13
72	Photoexcitation mechanisms of new D- π -A coumarin derivatives in linear and nonlinear optical processes. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 7132-7140.	2.2	13

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73	Facile manipulation of individual carbon nanotubes assisted by inorganic nanoparticles. <i>Nanoscale</i> , 2013, 5, 6584.	5.6	12
74	mGluR5 stimulating Homer α -PIKE formation initiates icariin induced cardiomyogenesis of mouse embryonic stem cells by activating reactive oxygen species. <i>Experimental Cell Research</i> , 2013, 319, 1505-1514.	2.6	12
75	Entropy-based divergent and convergent modular pattern reveals additive and synergistic anticerebral ischemia mechanisms. <i>Experimental Biology and Medicine</i> , 2016, 241, 2063-2074.	2.4	12
76	Profile of muscle tissue gene expression specific to water buffalo: Comparison with domestic cattle by genome array. <i>Gene</i> , 2016, 577, 24-31.	2.2	12
77	Systemic Revealing Pharmacological Signalling Pathway Networks in the Hippocampus of Ischaemia-Reperfusion Mice Treated with Baicalin. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-11.	1.2	11
78	Molecular identification of Kiss/GPR54 and function analysis with mRNA expression profiles exposure to 17 β -ethinylestradiol in rare minnow <i>Gobiocypris rarus</i> . <i>Molecular Biology Reports</i> , 2016, 43, 737-749.	2.3	11
79	Dual emissions from MnS clusters confined in the sodalite nanocage of a chalcogenide-based semiconductor zeolite. <i>Dalton Transactions</i> , 2017, 46, 3929-3933.	3.3	11
80	The DNA methylation status alteration of two steroidogenic genes in gonads of rare minnow after bisphenol A exposure. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 198, 9-18.	2.6	11
81	The efficacy and toxicities of intensive induction chemotherapy followed by concurrent chemoradiotherapy in nasopharyngeal carcinoma patients with N3 disease. <i>Scientific Reports</i> , 2017, 7, 3668.	3.3	11
82	Vertical and Horizontal Convergences of Targeting Pathways in Combination Therapy with Baicalin and Jasminoidin for Cerebral Ischemia. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 740-750.	1.4	11
83	Chorea disclosing a polycythemia vera. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 563.	2.2	10
84	DNA methylation in the 5' flanking region of cytochrome P450 17 in adult rare minnow <i>Gobiocypris rarus</i> Tissue difference and effects of 17 β -ethinylestradiol and 17 β -methyltestosterone exposures. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 162, 16-22.	2.6	10
85	A novel quantitative prediction approach for astringency level of herbs based on an electronic tongue. <i>Pharmacognosy Magazine</i> , 2017, 13, 492.	0.6	10
86	Neuropsychiatric disorders: An immunological perspective. <i>Advances in Immunology</i> , 2021, 152, 83-155.	2.2	10
87	A study on directional resistivity logging-while-drilling based on self-adaptive hp-FEM. <i>Acta Geophysica</i> , 2014, 62, 1328-1351.	2.0	9
88	Association of VEGF gene polymorphisms with sporadic Parkinson's disease in Chinese Han population. <i>Neurological Sciences</i> , 2016, 37, 1923-1929.	1.9	9
89	Oxytocin biases men to be more or less tolerant of others' dislike dependent upon their relationship status. <i>Psychoneuroendocrinology</i> , 2018, 88, 167-172.	2.7	8
90	Combined bulked segregant sequencing and traditional linkage analysis for identification of candidate gene for purple leaf sheath in maize. <i>PLoS ONE</i> , 2018, 13, e0190670.	2.5	8

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91	Luteolin Antagonizes Angiotensin II-Dependent Proliferation and Collagen Synthesis of Cultured rat Cardiac Fibroblasts. <i>Current Pharmaceutical Biotechnology</i> , 2015, 16, 430-439.	1.6	8
92	Variation of pathways and network profiles reveals the differential pharmacological mechanisms of each effective component to treat middle cerebral artery ischemia-reperfusion mice. <i>Experimental Biology and Medicine</i> , 2016, 241, 79-89.	2.4	6
93	Beta-adrenergic activation induces cardiac collapse by aggravating cardiomyocyte contractile dysfunction in bupivacaine intoxication. <i>PLoS ONE</i> , 2018, 13, e0203602.	2.5	5
94	Performance Measurement and Comparative Transcriptome Analysis Revealed the Efforts on Hybrid Improvement of Qinchuan Cattle. <i>Animal Biotechnology</i> , 2019, 30, 13-20.	1.5	4
95	Expression and functional analysis of a glycoside hydrolase family 45 endoglucanase from <i>Rhizopus stolonifer</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 2943-2952.	3.6	3
96	Compositional Model Checking of Concurrent Systems. <i>IEEE Transactions on Computers</i> , 2014, , 1-1.	3.4	3
97	Convergence and divergence of genetic and modular networks between diabetes and breast cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1094-1102.	3.6	3
98	A partial pathway- and network-based transformation reveals the synergistic mechanism of JA and UA against cerebral ischemia-reperfusion injury. <i>Protein and Cell</i> , 2014, 5, 873-877.	11.0	2
99	The response of epiphytic bacteria on <i>Vallisneria spiralis</i> (Lour.) Hara (Hydrocharitaceae) to increasing nutrient loadings. <i>Journal of Basic Microbiology</i> , 2016, 56, 608-616.	3.3	2
100	Research on the low-loss Topas cyclic olefin copolymer fiber. <i>Shenzhen Daxue Xuebao (Ligong)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.2	0