

# Ting Wang

## List of Publications by Year in descending order

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112  
papers

3,492  
citations

136950

32  
h-index

161849

54  
g-index

117  
all docs

117  
docs citations

117  
times ranked

4652  
citing authors

#	ARTICLE	IF	CITATIONS
1	HIF1 $\alpha$ -Induced Glycolysis Metabolism Is Essential to the Activation of Inflammatory Macrophages. Mediators of Inflammation, 2017, 2017, 1-10.	3.0	228
2	Highly Efficient Lead Distribution by Magnetic Sewage Sludge Biochar: Sorption Mechanisms and Bench Applications. Bioresource Technology, 2017, 238, 399-406.	9.6	198
3	Highly efficient $\gamma$ -Mn <sub>2</sub> O <sub>3</sub> @ $\gamma$ -MnO <sub>2</sub> -500 nanocomposite for peroxymonosulfate activation: comprehensive investigation of manganese oxides. Journal of Materials Chemistry A, 2018, 6, 1590-1600.	10.3	184
4	Facile One-Pot Synthesis of Sustainable Carboxymethyl Chitosan " Sewage Sludge Biochar for Effective Heavy Metal Chelation and Regeneration. Bioresource Technology, 2018, 262, 22-31.	9.6	118
5	Large-scale synthesis of Co <sub>2</sub> V <sub>2</sub> O <sub>7</sub> hexagonal microplatelets under ambient conditions for highly reversible lithium storage. Journal of Materials Chemistry A, 2015, 3, 16728-16736.	10.3	116
6	Photocatalysis of bisphenol A by an easy-settling titania/titanate composite: Effects of water chemistry factors, degradation pathway and theoretical calculation. Environmental Pollution, 2018, 232, 580-590.	7.5	116
7	Microplastic accumulation via trophic transfer: Can a predatory crab counter the adverse effects of microplastics by body defence?. Science of the Total Environment, 2021, 754, 142099.	8.0	108
8	Combined Convex Technique on Delay-Dependent Stability for Delayed Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1459-1466.	11.3	101
9	Simultaneous removal of Cr(VI) and 4-chlorophenol through photocatalysis by a novel anatase/titanate nanosheet composite: Synergetic promotion effect and autosynchronous doping. Journal of Hazardous Materials, 2016, 317, 385-393.	12.4	92
10	Cationic micelle delivery of Trp2 peptide for efficient lymphatic draining and enhanced cytotoxic T-lymphocyte responses. Journal of Controlled Release, 2015, 200, 1-12.	9.9	84
11	High-Capacity and Photoregenerable Composite Material for Efficient Adsorption and Degradation of Phenanthrene in Water. Environmental Science & Technology, 2016, 50, 11174-11183.	10.0	79
12	Selective and irreversible adsorption of mercury( <sup>ii</sup> ) from aqueous solution by a flower-like titanate nanomaterial. Journal of Materials Chemistry A, 2015, 3, 17676-17684.	10.3	71
13	Construction of arabinogalactans/selenium nanoparticles composites for enhancement of the antitumor activity. International Journal of Biological Macromolecules, 2019, 128, 444-451.	7.5	71
14	Delay-Derivative-Dependent Stability for Delayed Neural Networks With Unbound Distributed Delay. IEEE Transactions on Neural Networks, 2010, 21, 1365-1371.	4.2	69
15	Methyl Salicylate Glucosylation Regulates Plant Defense Signaling and Systemic Acquired Resistance. Plant Physiology, 2019, 180, 2167-2181.	4.8	62
16	The influence of combined alignments on lateral acceleration on mountainous freeways: a driving simulator study. Accident Analysis and Prevention, 2015, 76, 110-117.	5.7	59
17	Self-assembled supermolecular hydrogel based on hydroxyethyl cellulose: Formation, in vitro release and bacteriostasis application. Carbohydrate Polymers, 2017, 172, 49-59.	10.2	57
18	Enhancing taxol production in a novel endophytic fungus, Aspergillus aculeatinus Tax-6, isolated from Taxus chinensis var . mairei. Fungal Biology, 2017, 121, 1037-1044.	2.5	54

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19	Planar shear and bending properties of hybrid CLT fabricated with lumber and LVL. <i>Construction and Building Materials</i> , 2017, 151, 172-177.	7.2	53
20	Discovery of susceptibility loci associated with tuberculosis in Han Chinese. <i>Human Molecular Genetics</i> , 2017, 26, 4752-4763.	2.9	50
21	High TLR7 Expression Drives the Expansion of CD19+CD24hiCD38hi Transitional B Cells and Autoantibody Production in SLE Patients. <i>Frontiers in Immunology</i> , 2019, 10, 1243.	4.8	49
22	Ocean acidification, hypoxia and warming impair digestive parameters of marine mussels. <i>Chemosphere</i> , 2020, 256, 127096.	8.2	45
23	Arsenate adsorption onto Fe-TNTs prepared by a novel water-ethanol hydrothermal method: Mechanism and synergistic effect. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 253-262.	9.4	42
24	Exponential synchronization for arrays of coupled neural networks with time-delay couplings. <i>International Journal of Control, Automation and Systems</i> , 2011, 9, 187-196.	2.7	41
25	Cluster synchronization for delayed Lur'e dynamical networks based on pinning control. <i>Neurocomputing</i> , 2012, 83, 72-82.	5.9	40
26	Rare Earth Elements Occurrence and Economical Recovery Strategy from Shale Gas Wastewater in the Sichuan Basin, China. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 11914-11920.	6.7	40
27	Nano-TiO <sub>2</sub> impairs digestive enzyme activities of marine mussels under ocean acidification. <i>Chemosphere</i> , 2019, 237, 124561.	8.2	39
28	Triple Lyapunov functional technique on delay-dependent stability for discrete-time dynamical networks. <i>Neurocomputing</i> , 2013, 122, 221-228.	5.9	37
29	Imaging-Guided Chemo-Photothermal Polydopamine Carbon Dots for EpCAM-Targeted Delivery toward Liver Tumor. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 29340-29348.	8.0	37
30	Improved delay-dependent stability criterion on neural networks with time-varying delay. , 2010, , .		35
31	Reusable Platinum-Deposited Anatase/Hexa-Titanate Nanotubes: Roles of Reduced and Oxidized Platinum on Enhanced Solar-Light-Driven Photocatalytic Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 547-555.	6.7	35
32	Seawater acidification and temperature modulate anti-predator defenses in two co-existing <i>Mytilus</i> species. <i>Marine Pollution Bulletin</i> , 2019, 145, 118-125.	5.0	34
33	Transgenerational effects of short-term exposure to acidification and hypoxia on early developmental traits of the mussel <i>Mytilus edulis</i> . <i>Marine Environmental Research</i> , 2019, 145, 73-80.	2.5	34
34	Antioxidant responses of the mussel <i>Mytilus coruscus</i> co-exposed to ocean acidification, hypoxia and warming. <i>Marine Pollution Bulletin</i> , 2021, 162, 111869.	5.0	34
35	Differential in vivo hemocyte responses to nano titanium dioxide in mussels: Effects of particle size. <i>Aquatic Toxicology</i> , 2019, 212, 28-36.	4.0	33
36	An Arabidopsis Cytokinin-Modifying Glycosyltransferase UGT76C2 Improves Drought and Salt Tolerance in Rice. <i>Frontiers in Plant Science</i> , 2020, 11, 560696.	3.6	30

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37	Untethered Microrobots for Active Drug Delivery: From Rational Design to Clinical Settings. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102253.	7.6	30
38	Synergetic antibacterial activity of reduced graphene oxide and boron doped diamond anode in three dimensional electrochemical oxidation system. <i>Scientific Reports</i> , 2015, 5, 10388.	3.3	28
39	Further stability criteria on discrete-time delayed neural networks with distributed delay. <i>Neurocomputing</i> , 2013, 111, 195-203.	5.9	27
40	Improved decolorization of dye wastewater in an electrochemical system powered by microbial fuel cells and intensified by micro-electrolysis. <i>Bioelectrochemistry</i> , 2018, 124, 112-118.	4.6	27
41	Influences of isolated fractions of natural organic matter on adsorption of Cu(II) by titanate nanotubes. <i>Science of the Total Environment</i> , 2019, 650, 1412-1418.	8.0	27
42	Three Gorges Dam: friend or foe of riverine greenhouse gases?. <i>National Science Review</i> , 2022, 9, .	9.5	27
43	An electrochemical biosensor for double-stranded Wnt7B gene detection based on enzymatic isothermal amplification. <i>Biosensors and Bioelectronics</i> , 2016, 86, 75-82.	10.1	26
44	Ultraspecific electrochemical DNA biosensor by coupling spontaneous cascade DNA branch migration and dual-signaling sensing strategy. <i>Biosensors and Bioelectronics</i> , 2016, 78, 464-470.	10.1	26
45	A universal electrochemical biosensor for the highly sensitive determination of microRNAs based on isothermal target recycling amplification and a DNA signal transducer triggered reaction. <i>Mikrochimica Acta</i> , 2017, 184, 1305-1313.	5.0	26
46	Sulfated modification of arabinogalactans from <i>Larix principis-rupprechtii</i> and their antitumor activities. <i>Carbohydrate Polymers</i> , 2019, 215, 207-212.	10.2	26
47	The time course of Chinese riddles solving: Evidence from an ERP study. <i>Behavioural Brain Research</i> , 2009, 199, 278-282.	2.2	25
48	Short-term exposure to norfloxacin induces oxidative stress, neurotoxicity and microbiota alteration in juvenile large yellow croaker <i>Pseudosciaena crocea</i> . <i>Environmental Pollution</i> , 2020, 267, 115397.	7.5	25
49	A comparative study of residual stress and affected layer in Aermet100 steel grinding with alumina and cBN wheels. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 74, 125-137.	3.0	24
50	Radical attack and mineralization mechanisms on electrochemical oxidation of p-substituted phenols at boron-doped diamond anodes. <i>Chemosphere</i> , 2020, 248, 126033.	8.2	22
51	Delay-derivative-dependent stability criterion for neural networks with probabilistic time-varying delay. <i>International Journal of Systems Science</i> , 2013, 44, 2140-2151.	5.5	20
52	A security scheme for intelligent substation communications considering real-time performance. <i>Journal of Modern Power Systems and Clean Energy</i> , 2019, 7, 948-961.	5.4	20
53	Diel-cycling seawater acidification and hypoxia impair the physiological and growth performance of marine mussels. <i>Science of the Total Environment</i> , 2020, 722, 138001.	8.0	19
54	Investigation on surface activity of cyclodextrins grafting cellulose beads through phenolphthalein probe molecule. <i>Surface and Interface Analysis</i> , 2011, 43, 1532-1538.	1.8	18

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55	Pinning Cluster Synchronization for Delayed Dynamical Networks via Kronecker Product. <i>Circuits, Systems, and Signal Processing</i> , 2013, 32, 1907-1929.	2.0	18
56	Self-assembled micelles based on branched poly(styrene-alt-maleic anhydride) as particulate emulsifiers. <i>RSC Advances</i> , 2015, 5, 1564-1570.	3.6	18
57	Enhanced degradation of isoproturon in soil through persulfate activation by Fe-based layered double hydroxide: different reactive species comparing with activation by homogenous Fe(II). <i>Environmental Science and Pollution Research</i> , 2018, 25, 26394-26404.	5.3	17
58	Arabinogalactans from <i>Larix principis-rupprechtii</i> : An investigation into the structure-function contribution of side-chain structures. <i>Carbohydrate Polymers</i> , 2020, 227, 115354.	10.2	17
59	Effects of seleno-Sesbania canabina galactomannan on anti-oxidative and immune function of macrophage. <i>Carbohydrate Polymers</i> , 2021, 261, 117833.	10.2	17
60	Electrochemical degradation of atrazine by BDD anode: Evidence from compound-specific stable isotope analysis and DFT simulations. <i>Chemosphere</i> , 2021, 273, 129754.	8.2	17
61	Community characteristics and ecological roles of bacterial biofilms associated with various algal settlements on coastal reefs. <i>Journal of Environmental Management</i> , 2019, 250, 109459.	7.8	16
62	Development and comparison of cell-free protein synthesis systems derived from typical bacterial chassis. <i>Bioresources and Bioprocessing</i> , 2021, 8, 58.	4.2	16
63	Chelatingâ€“Ultrafiltration Treatment of Some Heavy Metal Ions in Aqueous Solutions by Crosslinking Carboxymethyl Modified Cornstarch. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 679-686.	2.4	15
64	Design, synthesis and pharmacological evaluation of novel N-(2-(1, 1-dimethyl-5, 7-dioxo-4,)-Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 T European Journal of Medicinal Chemistry, 2015, 92, 370-376.	5.5	15
65	Further triple integral approach to mixed-delay-dependent stability of time-delay neutral systems. <i>ISA Transactions</i> , 2017, 70, 116-124.	5.7	15
66	Global synchronization in arrays of coupled Lurie systems with both time-delay and hybrid coupling. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2011, 16, 10-20.	3.3	14
67	Dynamic responses of prolactin, growth hormone and their receptors to hyposmotic acclimation in the olive flounder <i>Paralichthys olivaceus</i> . <i>General and Comparative Endocrinology</i> , 2017, 254, 8-13.	1.8	14
68	Eventâ€“triggered observerâ€“based robust control for networked control systems with unknown disturbance. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 2671-2688.	3.7	14
69	Hydrochemistry and nutrients determined the distribution of greenhouse gases in saline groundwater. <i>Environmental Pollution</i> , 2021, 286, 117383.	7.5	14
70	All-natural and biocompatible cellulose nanocrystals films with tunable supramolecular structure. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1324-1331.	7.5	13
71	Performance of the Diffusion Quantum Monte Carlo Method with a Single-Slater-Jastrow Trial Wavefunction Using Natural Orbitals and Density Functional Theory Orbitals on Atomization Energies of the Gaussian-2 Set. <i>Journal of Physical Chemistry A</i> , 2019, 123, 3809-3817.	2.5	12
72	Overexpression of UGT74E2, an Arabidopsis IBA Glycosyltransferase, Enhances Seed Germination and Modulates Stress Tolerance via ABA Signaling in Rice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7239.	4.1	12

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73	Improved Stability Criteria on Discrete-time Systems with Time-varying and Distributed Delays. <i>International Journal of Automation and Computing</i> , 2013, 10, 260-266.	4.5	11
74	Microscopic view of phytoplankton along the Yangtze River. <i>Science China Technological Sciences</i> , 2019, 62, 1873-1884.	4.0	11
75	Production performance, egg quality, plasma biochemical constituents and lipid metabolites of aged laying hens supplemented with incomplete degradation products of galactomannan. <i>Poultry Science</i> , 2021, 100, 101296.	3.4	11
76	Mutations of <i>Mycobacterium tuberculosis</i> induced by anti-tuberculosis treatment result in metabolism changes and elevation of ethambutol resistance. <i>Infection, Genetics and Evolution</i> , 2019, 72, 151-158.	2.3	10
77	Advances, Challenges and Future Trends of Cell-Free Transcription-Translation Biosensors. <i>Biosensors</i> , 2022, 12, 318.	4.7	10
78	Fixed-Node Diffusion Quantum Monte Carlo Method on Dissociation Energies and Their Trends for R <sup>n</sup> X Bonds (R = Me, Et, <i>i</i> -Pr, <i>t</i> -Bu). <i>Journal of Physical Chemistry A</i> , 2018, 122, 5050-5057.	2.5	9
79	Ocean acidification but not hypoxia alters the gonad performance in the thick shell mussel <i>Mytilus coruscus</i> . <i>Marine Pollution Bulletin</i> , 2021, 167, 112282.	5.0	9
80	Decentralized Adaptive Event-Triggered Synchronization of Neutral Neural Networks with Time-Varying Delays. <i>Circuits, Systems, and Signal Processing</i> , 2019, 38, 874-890.	2.0	8
81	Static anti-windup compensator for nonlinear systems with both state and input time-varying delays. <i>Journal of the Franklin Institute</i> , 2020, 357, 863-886.	3.4	8
82	Application of CNN Algorithm Based on Chaotic Recursive Diagonal Model in Medical Image Processing. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-10.	1.7	8
83	Genome-wide analysis of DNA methylation in 106 schizophrenia family trios in Han Chinese. <i>EBioMedicine</i> , 2021, 72, 103609.	6.1	8
84	Event-Triggered Output Synchronization in Master-Slave Lur <sup>n</sup> e Systems with Heterogeneous Dimensions. <i>Circuits, Systems, and Signal Processing</i> , 2017, 36, 811-833.	2.0	7
85	Over-the-Air Federated Learning via Second-Order Optimization. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 10560-10575.	9.2	7
86	Cluster Synchronization in Hybrid Coupled Discrete-Time Delayed Complex Networks. <i>Communications in Theoretical Physics</i> , 2012, 58, 686-696.	2.5	6
87	Observer-based H <sup>∞</sup> Control for Synchronization in Delayed Neural Networks Under Multiple Disturbances. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 3121-3132.	2.7	6
88	Target identification of hepatic fibrosis using Pien Tze Huang based on mRNA and lncRNA. <i>Scientific Reports</i> , 2021, 11, 16980.	3.3	6
89	The in vitro and in vivo Antioxidant and Immunomodulatory Activity of Incomplete Degradation Products of Hemicellulosic Polysaccharide (Galactomannan) From <i>Sesbania cannabina</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 679558.	4.1	5
90	Programmable protein topology via <i>scp</i> SpyCatcher <sup>sc</sup> SpyTag <sup>sc</sup> chemistry in one-pot cell-free expression system. <i>Protein Science</i> , 2022, 31, .	7.6	5

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91	Fault detection of nonlinear dynamic processes using dynamic kernel principal component analysis. , 2008, , .		4
92	New Lyapunovâ€“Krasovskii Functional for Mixed-Delay-Dependent Stability of Uncertain Linear Neutral Systems. Circuits, Systems, and Signal Processing, 2018, 37, 1825-1845.	2.0	4
93	Clinical and Drug Resistance Characteristics of New Pediatric Tuberculosis Cases in Northern China. Microbial Drug Resistance, 2018, 24, 1397-1403.	2.0	4
94	A method for quantitative characterization of incomplete degradation products of polygalacturonic acid. International Journal of Biological Macromolecules, 2021, 188, 343-349.	7.5	4
95	Rolling shear failure damage evolution process of CLT based on AE technology and DIC method. European Journal of Wood and Wood Products, 2022, 80, 719-730.	2.9	4
96	Incomplete degradation products of galactomannan from <i>Sesbania canabina</i> modulated the caecal microbial community of laying hens. Journal of Animal Science, 2022, , .	0.5	4
97	HPLC-DVD combined with chemometrics to analyze the correlation between the Q-marker content and color of Corni Fructus. Food and Function, 2022, 13, 5455-5465.	4.6	3
98	Progress on mechanism of ethambutol resistance in Mycobacterium Tuberculosis. Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji, 2016, 38, 910-917.	0.2	3
99	Rethinking Data Center Networks: Machine Learning Enables Network Intelligence. Journal of Communications and Information Networks, 2022, 7, 157-169.	5.2	3
100	Delay-Derivative-Dependent Stability for Neutral Systems with Time-Varying Delay and Nonlinearity. Arabian Journal for Science and Engineering, 2017, 42, 3033-3042.	3.0	2
101	Composite Anti-Disturbance Synchronization Control for Delayed Neural Networks Subject to Unknown Disturbances. Circuits, Systems, and Signal Processing, 2021, 40, 1986-2005.	2.0	2
102	Event-Triggered Robust $H_{\infty}$ Control for Networked Flight Control Systems with Actuator Failures. Circuits, Systems, and Signal Processing, 2021, 40, 1652-1672.	2.0	2
103	Sparse representation optimization of image Gaussian mixture features based on a convolutional neural network. Neural Computing and Applications, 2022, 34, 12427-12437.	5.6	2
104	Ultrasound-assisted enzymatic extraction of Corni Fructus alpha-glucosidase inhibitors improves insulin resistance in HepG2 cells. Food and Function, 2021, 12, 9808-9819.	4.6	2
105	Combined Application of Nanotechnology and Multiple Therapies with Tumor Immune Checkpoints. ChemistrySelect, 2020, 5, 14943-14954.	1.5	2
106	Delay-derivative-dependent synchronization for coupled Lur'e system with time-delay and nonlinear couplings. , 2011, , .		1
107	Synchronization stability of a distributed hysteresis controlled system. , 2012, , .		1
108	Generation of mWasabi fluorescent protein-binding nanobodies. Analytical Biochemistry, 2020, 608, 113875.	2.4	1

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109	Notice of Retraction: Cardio-Protective Effects of Total Flavonoids from <i>Dracocephalum moldavica</i> L. on Acute Myocardial Ischemia/Reperfusion Injury in Rats. , 2011, , .		0
110	Cloning, Expression and Characterization of a Monooxygenase P450BM3 from <i>Bacillus megaterium</i> ALA2. <i>Advanced Materials Research</i> , 2012, 518-523, 5533-5538.	0.3	0
111	Pinning Cluster Synchronization in Linear Hybrid Coupled Delayed Dynamical Networks. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-14.	1.1	0
112	Stability of time-delayed neutral systems based on novel integral inequalities. , 2016, , .		0