

# Chen Chen

## List of Publications by Citations

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109  
papers

2,324  
citations

22  
h-index

44  
g-index

110  
ext. papers

3,498  
ext. citations

6.2  
avg, IF

5.82  
L-index

#	Paper	IF	Citations
109	METTL3-mediated mA modification of HDGF mRNA promotes gastric cancer progression and has prognostic significance. <i>Gut</i> , <b>2020</b> , 69, 1193-1205	19.2	238
108	SARS-CoV-2: a potential novel etiology of fulminant myocarditis. <i>Herz</i> , <b>2020</b> , 45, 230-232	2.6	210
107	Fatty Liver Disease Caused by High-Alcohol-Producing <i>Klebsiella pneumoniae</i> . <i>Cell Metabolism</i> , <b>2019</b> , 30, 675-688.e7	24.6	148
106	Infrared and visible image fusion via detail preserving adversarial learning. <i>Information Fusion</i> , <b>2020</b> , 54, 85-98	16.7	139
105	Sequential LASER ART and CRISPR Treatments Eliminate HIV-1 in a Subset of Infected Humanized Mice. <i>Nature Communications</i> , <b>2019</b> , 10, 2753	17.4	123
104	Improving operational flexibility of integrated energy system with uncertain renewable generations considering thermal inertia of buildings. <i>Energy Conversion and Management</i> , <b>2020</b> , 207, 112526	10.6	93
103	Nuclear miR-320 Mediates Diabetes-Induced Cardiac Dysfunction by Activating Transcription of Fatty Acid Metabolic Genes to Cause Lipotoxicity in the Heart. <i>Circulation Research</i> , <b>2019</b> , 125, 1106-1120	15.7	65
102	Adaptive sliding mode control of maglev system based on RBF neural network minimum parameter learning method. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2019</b> , 141, 217-226	4.6	62
101	Surfactant-based promotion to gas hydrate formation for energy storage. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 21634-21661	13	61
100	Tissue-specific respiratory burst oxidase homolog-dependent H <sub>2</sub> O <sub>2</sub> signaling to the plasma membrane H <sup>+</sup> -ATPase confers potassium uptake and salinity tolerance in Cucurbitaceae. <i>Journal of Experimental Botany</i> , <b>2019</b> , 70, 5879-5893	7	46
99	X-box binding protein 1 is essential for the anti-oxidant defense and cell survival in the retinal pigment epithelium. <i>PLoS ONE</i> , <b>2012</b> , 7, e38616	3.7	45
98	Extension of the in vivo haploid induction system from diploid maize to hexaploid wheat. <i>Plant Biotechnology Journal</i> , <b>2020</b> , 18, 316-318	11.6	43
97	Role of unfolded protein response dysregulation in oxidative injury of retinal pigment epithelial cells. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 20, 2091-106	8.4	42
96	Large-Scale Production of LGR5-Positive Bipotential Human Liver Stem Cells. <i>Hepatology</i> , <b>2020</b> , 72, 257-270	17.0	39
95	Efficient Oil/Water Separation by Zwitterionic Poly(sulfobetaine methacrylate)@Cu(OH) <sub>2</sub> Nanoneedle Array-Coated Copper Meshes with Superwetting and Antifouling Properties. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 13815-13826	8.3	36
94	Recognition of aggressive episodes of pigs based on convolutional neural network and long short-term memory. <i>Computers and Electronics in Agriculture</i> , <b>2020</b> , 169, 105166	6.5	32
93	The Different Roles of miRNA-92a-2-5p and let-7b-5p in Mitochondrial Translation in db/db Mice. <i>Molecular Therapy - Nucleic Acids</i> , <b>2019</b> , 17, 424-435	10.7	27

92	Macrophage metalloelastase (MMP-12) deficiency mitigates retinal inflammation and pathological angiogenesis in ischemic retinopathy. <i>PLoS ONE</i> , <b>2012</b> , 7, e52699	3.7	25
91	A Network-Based Bioinformatics Approach to Identify Molecular Biomarkers for Type 2 Diabetes that Are Linked to the Progression of Neurological Diseases. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	25
90	QoS-Driven Optimized Design-Based Integrated Visible Light Communication and Positioning for Indoor IoT Networks. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 269-283	10.7	25
89	The bacteria from large-sized bioflocs are more associated with the shrimp gut microbiota in culture system. <i>Aquaculture</i> , <b>2020</b> , 523, 735159	4.4	24
88	The long noncoding RNA CRAL reverses cisplatin resistance via the miR-505/CYLD/AKT axis in human gastric cancer cells. <i>RNA Biology</i> , <b>2020</b> , 17, 1576-1589	4.8	24
87	Metagenomic analysis reveals the impact of JIUYAO microbial diversity on fermentation and the volatile profile of Shaoxing-jiu. <i>Food Microbiology</i> , <b>2020</b> , 86, 103326	6	22
86	Performance improvement for thin-film composite nanofiltration membranes prepared on PSf/PSf-g-PEG blended substrates. <i>Separation and Purification Technology</i> , <b>2020</b> , 230, 115855	8.3	22
85	Wogonin protects human retinal pigment epithelium cells from LPS-induced barrier dysfunction and inflammatory responses by regulating the TLR4/NF- $\kappa$ B signaling pathway. <i>Molecular Medicine Reports</i> , <b>2017</b> , 15, 2289-2295	2.9	20
84	Fabrication and flow characteristics of monodisperse bullet-shaped microparticles with controllable structures. <i>Chemical Engineering Journal</i> , <b>2019</b> , 370, 925-937	14.7	18
83	Detection of aggressive behaviours in pigs using a RealSense depth sensor. <i>Computers and Electronics in Agriculture</i> , <b>2019</b> , 166, 105003	6.5	18
82	Ribosomes guide pachytene piRNA formation on long intergenic piRNA precursors. <i>Nature Cell Biology</i> , <b>2020</b> , 22, 200-212	23.4	18
81	Responses of soil extracellular enzyme activities and microbial community properties to interaction between nitrogen addition and increased precipitation in a semi-arid grassland ecosystem. <i>Science of the Total Environment</i> , <b>2020</b> , 703, 134691	10.2	18
80	Expansion Planning of Active Distribution Networks With Multiple Distributed Energy Resources and EV Sharing System. <i>IEEE Transactions on Smart Grid</i> , <b>2020</b> , 11, 602-611	10.7	18
79	Eliciting an immune hot tumor niche with biomimetic drug-based multi-functional nanohybrids augments immune checkpoint blockade-based breast cancer therapy. <i>Nanoscale</i> , <b>2020</b> , 12, 3317-3329	7.7	18
78	Household risk perceptions and evacuation intentions in earthquake and tsunami in a Cascadia Subduction Zone. <i>International Journal of Disaster Risk Reduction</i> , <b>2020</b> , 44, 101442	4.5	17
77	Aroma perceptual interactions of benzaldehyde, furfural, and vanillin and their effects on the descriptor intensities of Huangjiu. <i>Food Research International</i> , <b>2020</b> , 129, 108808	7	16
76	Triglyceride is an independent predictor of type 2 diabetes among middle-aged and older adults: a prospective study with 8-year follow-ups in two cohorts. <i>Journal of Translational Medicine</i> , <b>2019</b> , 17, 403	8.5	16
75	Loss of X-box binding protein 1 in Müller cells augments retinal inflammation in a mouse model of diabetes. <i>Diabetologia</i> , <b>2019</b> , 62, 531-543	10.3	16

74	Screening of aroma-producing lactic acid bacteria and their application in improving the aromatic profile of yogurt. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12837	3.3	15
73	Modeling of individual vehicle safety and fuel consumption under comprehensive external conditions. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2020</b> , 79, 102224	6.4	15
72	Signal Detection and Optimal Antenna Selection for Ambient Backscatter Communications With Multi-Antenna Tags. <i>IEEE Transactions on Communications</i> , <b>2020</b> , 68, 466-479	6.9	15
71	The WY domain in the Phytophthora effector PSR1 is required for infection and RNA silencing suppression activity. <i>New Phytologist</i> , <b>2019</b> , 223, 839-852	9.8	14
70	Plant functional traits regulate soil bacterial diversity across temperate deserts. <i>Science of the Total Environment</i> , <b>2020</b> , 715, 136976	10.2	14
69	Revisit of synchronized electric charge extraction (SECE) in piezoelectric energy harvesting by using impedance modeling. <i>Smart Materials and Structures</i> , <b>2019</b> , 28, 105053	3.4	14
68	Sequencing of Chinese castor lines reveals genetic signatures of selection and yield-associated loci. <i>Nature Communications</i> , <b>2019</b> , 10, 3418	17.4	14
67	Ivermectin induces autophagy-mediated cell death through the AKT/mTOR signaling pathway in glioma cells. <i>Bioscience Reports</i> , <b>2019</b> , 39,	4.1	14
66	iEEGview: an open-source multifunction GUI-based Matlab toolbox for localization and visualization of human intracranial electrodes. <i>Journal of Neural Engineering</i> , <b>2019</b> , 17, 016016	5	14
65	Transcribed Ultraconserved Regions, Uc.323, Ameliorates Cardiac Hypertrophy by Regulating the Transcription of CPT1b (Carnitine Palmitoyl transferase 1b). <i>Hypertension</i> , <b>2020</b> , 75, 79-90	8.5	14
64	Pyrophosphate-fructose 6-phosphate 1-phosphotransferase (PF1) regulates starch biosynthesis and seed development via heterotetramer formation in rice ( <i>Oryza sativa</i> L.). <i>Plant Biotechnology Journal</i> , <b>2020</b> , 18, 83-95	11.6	14
63	Pharmacologic Interventions for Irritability, Aggression, Agitation and Self-Injurious Behavior in Fragile X Syndrome: An Initial Cross-Sectional Analysis. <i>Journal of Autism and Developmental Disorders</i> , <b>2019</b> , 49, 4595-4602	4.6	13
62	Flavoromics approach to identifying the key aroma compounds in traditional Chinese milk fan. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 9639-9650	4	13
61	Influence of adverse weather on drivers' perceived risk during car following based on driving simulations. <i>Journal of Modern Transportation</i> , <b>2019</b> , 27, 282-292	3.7	13
60	Enhanced Thermoelectric Performance of Zintl Phase CaZnSb by Beneficial Disorder on the Selective Cationic Site. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 37741-37747	9.5	12
59	Effects of L-DOPA Monotherapy on Psychomotor Speed and [ <sup>3</sup> H]Raclopride Binding in High-Risk Older Adults With Depression. <i>Biological Psychiatry</i> , <b>2019</b> , 86, 221-229	7.9	12
58	Regulation of YAP by Mammalian Target of Rapamycin Complex 1 in Endothelial Cells Controls Blood Pressure Through COX-2/mPGES-1/PGE Cascade. <i>Hypertension</i> , <b>2019</b> , 74, 936-946	8.5	12
57	Tumor-Derived Thymic Stromal Lymphopoietin Expands Bone Marrow B-cell Precursors in Circulation to Support Metastasis. <i>Cancer Research</i> , <b>2019</b> , 79, 5826-5838	10.1	11

56	Autologous fibroblasts induce fibrosis of the nucleus pulposus to maintain the stability of degenerative intervertebral discs. <i>Bone Research</i> , <b>2020</b> , 8, 7	13.3	11
55	Maf1 ameliorates cardiac hypertrophy by inhibiting RNA polymerase III through ERK1/2. <i>Theranostics</i> , <b>2019</b> , 9, 7268-7281	12.1	11
54	Posttraumatic Stress Disorder and executive dysfunction among children and adolescents: A Latent Profile Analysis. <i>International Journal of Clinical and Health Psychology</i> , <b>2019</b> , 19, 228-236	5.1	10
53	PPAR $\delta$ ligand, AVE8134, and cyclooxygenase inhibitor therapy synergistically suppress lung cancer growth and metastasis. <i>BMC Cancer</i> , <b>2019</b> , 19, 1166	4.8	10
52	Dietary mulberry leaf powder affects growth performance, carcass traits and meat quality in finishing pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , <b>2019</b> , 103, 1934-1945	2.6	9
51	Nuclear miR-665 aggravates heart failure via suppressing phosphatase and tensin homolog transcription. <i>Science China Life Sciences</i> , <b>2020</b> , 63, 724-736	8.5	9
50	Combined application of electronic nose analysis and back-propagation neural network and random forest models for assessing yogurt flavor acceptability. <i>Journal of Food Measurement and Characterization</i> , <b>2020</b> , 14, 573-583	2.8	9
49	Regulation of Nrf2 by X Box-Binding Protein 1 in Retinal Pigment Epithelium. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 658	4.5	9
48	S-allyl-l-cysteine (SAC) protects hepatocytes from alcohol-induced apoptosis. <i>FEBS Open Bio</i> , <b>2019</b> , 9, 1327-1336	2.7	8
47	Characterization of the volatile profile of Chinese rice wine by comprehensive two-dimensional gas chromatography coupled to quadrupole mass spectrometry. <i>Journal of the Science of Food and Agriculture</i> , <b>2019</b> , 99, 5444-5456	4.3	8
46	LED Nonlinearity Estimation and Compensation in VLC Systems Using Probabilistic Bayesian Learning. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 2711	2.6	8
45	Differential Responses to Climate and Land-Use Changes in Threatened Chinese Taxus Species. <i>Forests</i> , <b>2019</b> , 10, 766	2.8	8
44	Using virtual reality to promote the university brand: When do telepresence and system immersion matter?. <i>Journal of Marketing Communications</i> , <b>2020</b> , 26, 362-393	2.2	8
43	Increased plasma asprosin levels in patients with drug-naive anorexia nervosa. <i>Eating and Weight Disorders</i> , <b>2021</b> , 26, 313-321	3.6	8
42	Zinc oxide nanoparticles ameliorate collagen lattice contraction in human tenon fibroblasts. <i>Archives of Biochemistry and Biophysics</i> , <b>2019</b> , 669, 1-10	4.1	7
41	Fuzzy adaptive control particle swarm optimization based on T-S fuzzy model of maglev vehicle suspension system. <i>Journal of Mechanical Science and Technology</i> , <b>2020</b> , 34, 43-54	1.6	7
40	Quinotrierixin inhibits proliferation of human retinal pigment epithelial cells. <i>Molecular Vision</i> , <b>2013</b> , 19, 39-46	2.3	7
39	Serum peptide profiling for potential biomarkers in early diagnosis of Escherichia coli bloodstream infection. <i>Cytokine</i> , <b>2019</b> , 120, 71-77	4	6

38	Significantly enhanced electromagnetic interference shielding in Al <sub>2</sub> O <sub>3</sub> ceramic composites incorporated with highly aligned non-woven carbon fibers. <i>Ceramics International</i> , <b>2019</b> , 45, 12672-12678	5.1	6
37	Identification of ncRNA-Mediated Functions of Nucleus-Localized miR-320 in Cardiomyocytes. <i>Molecular Therapy - Nucleic Acids</i> , <b>2020</b> , 19, 132-143	10.7	6
36	Exposure to a 50 Hz magnetic field at 100 $\mu$ T exerts no DNA damage in cardiomyocytes. <i>Biology Open</i> , <b>2019</b> , 8,	2.2	6
35	Non-Intrusive Appliance Identification with Appliance-Specific Networks <b>2019</b> ,		6
34	Holistic modeling framework of demand response considering multi-timescale uncertainties for capacity value estimation. <i>Applied Energy</i> , <b>2019</b> , 247, 692-702	10.7	5
33	Declining Skeletal Muscle Mitochondrial Function Associated With Increased Risk of Depression in Later Life. <i>American Journal of Geriatric Psychiatry</i> , <b>2019</b> , 27, 963-971	6.5	5
32	Abundance and diversity of denitrifying bacterial communities associated with N <sub>2</sub> O emission under long-term organic farming. <i>European Journal of Soil Biology</i> , <b>2020</b> , 97, 103153	2.9	5
31	Oridonin induces Mdm2-p60 to promote p53-mediated apoptosis and cell cycle arrest in neuroblastoma. <i>Cancer Medicine</i> , <b>2019</b> , 8, 5313-5326	4.8	5
30	Genome-wide characterisation and expression profiling of the LBD family in <i>Salvia miltiorrhiza</i> reveals the function of LBD50 in jasmonate signaling and phenolic biosynthesis. <i>Industrial Crops and Products</i> , <b>2020</b> , 144, 112006	5.9	5
29	Three-Dimensional State-Dependent Fractional Plasticity Model for Soils. <i>International Journal of Geomechanics</i> , <b>2020</b> , 20, 04019161	3.1	5
28	Diagnosis of intellectual disability/global developmental delay via genetic analysis in a central region of China. <i>Chinese Medical Journal</i> , <b>2019</b> , 132, 1533-1540	2.9	5
27	Effects of natural ingredients on the shelf life of chicken seasoning. <i>Food Chemistry</i> , <b>2019</b> , 293, 120-126	8.5	4
26	Chemokine Receptor 7 Is Essential for <i>Coxiella burnetii</i> Whole-Cell Vaccine-Induced Cellular Immunity but Dispensable for Vaccine-Mediated Protective Immunity. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 220, 624-634	7	4
25	Profiling of Chemical and Structural Composition of Lignocellulosic Biomasses in Tetraploid Rice Straw. <i>Polymers</i> , <b>2020</b> , 12,	4.5	4
24	Precision medicine and actionable alterations in lung cancer: A single institution experience. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228188	3.7	4
23	Reproducibility of essential elements chromium, manganese, iron, zinc and selenium in spot samples, first-morning voids and 24-h collections from healthy adult men. <i>British Journal of Nutrition</i> , <b>2019</b> , 122, 343-351	3.6	4
22	Ecm29-mediated proteasomal distribution modulates excitatory GABA responses in the developing brain. <i>Journal of Cell Biology</i> , <b>2020</b> , 219,	7.3	4
21	The relationship between resting electroencephalogram oscillatory abnormalities and schizotypal personality traits in the first-degree relatives of schizophrenia patients. <i>NeuroReport</i> , <b>2019</b> , 30, 1215-1221	1.7	4

20	Characterization of aroma compounds in bayberry juice by sensory evaluation and gas chromatography-mass spectrometry. <i>Journal of Food Measurement and Characterization</i> , <b>2020</b> , 14, 505-513	2.8	4
19	Drug-drug interaction of acetaminophen and roxithromycin with the cocktail of cytochrome P450 and hepatotoxicity in rats. <i>International Journal of Medical Sciences</i> , <b>2020</b> , 17, 414-421	3.7	3
18	The relationship between blood lipids and plasma amyloid beta is depend on blood pressure: a population-based cross-sectional study. <i>Lipids in Health and Disease</i> , <b>2020</b> , 19, 8	4.4	3
17	Hepatoprotective effect of Phellinus linteus mycelia polysaccharide (PL-N1) against acetaminophen-induced liver injury in mouse. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 154, 1276-1284	7.9	3
16	S-allyl-L-cysteine protects hepatocytes from indomethacin-induced apoptosis by attenuating endoplasmic reticulum stress. <i>FEBS Open Bio</i> , <b>2020</b> , 10, 1900-1911	2.7	3
15	Immunoprotective evaluation of Escherichia coli outer membrane protein A against the main pathogens of animal mastitis. <i>Tropical Journal of Pharmaceutical Research</i> , <b>2020</b> , 19, 155-162	0.8	2
14	Amplitude-Integrated Electroencephalography Applications and Algorithms in Neonates: A Systematic Review. <i>IEEE Access</i> , <b>2019</b> , 7, 141766-141781	3.5	2
13	A high-throughput system for screening high diacetyl-producing lactic acid bacteria in fermented milk in 96-well microplates. <i>Journal of Food Measurement and Characterization</i> , <b>2020</b> , 14, 548-556	2.8	2
12	Nonlinear dynamic characteristic modeling and adaptive control of low speed maglev train. <i>International Journal of Applied Electromagnetics and Mechanics</i> , <b>2020</b> , 62, 73-92	0.4	2
11	S-allyl cysteine protects retinal pigment epithelium cells from hydroquinone-induced apoptosis through mitigating cellular response to oxidative stress. <i>European Review for Medical and Pharmacological Sciences</i> , <b>2020</b> , 24, 2120-2128	2.9	2
10	High-temperature chromium isotope fractionation and its implications: Constraints from the Kizildagiophiolite, SE Turkey. <i>Lithos</i> , <b>2019</b> , 342-343, 361-369	2.9	1
9	Combined 5-Fluorouracil and Low Molecular Weight Heparin for the Prevention of Postoperative Proliferative Vitreoretinopathy in Patients With Retinal Detachment: A Meta-Analysis.. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 790460	4.9	1
8	Evaluation of Immunogenicity, Protective Immunity on Aquaculture Pathogenic and Fermentation of Flagellin FlaC Protein. <i>Iranian Journal of Biotechnology</i> , <b>2019</b> , 17, e2628	1	1
7	Genome-Wide Identification of Allele-Specific Gene Expression in a Parent-of-Origin Specific Manner. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2072, 129-139	1.4	1
6	Delayed-onset adrenal hypoplasia congenita and hypogonadotropic hypogonadism caused by a novel mutation in. <i>Journal of International Medical Research</i> , <b>2020</b> , 48, 300060519882151	1.4	1
5	Developmental Trends in Sexual Attraction Among Puerto Rican Early Adolescents in Two Contexts. <i>Child Development</i> , <b>2020</b> , 91, 1044-1055	4.9	1
4	The longitudinal effect of early-life sensation seeking on gambling and gambling problems among Puerto Rican young adults. <i>Psychology of Addictive Behaviors</i> , <b>2020</b> , 34, 201-208	3.4	0
3	High glucose induces HSP47 expression and promotes the secretion of inflammatory factors through the IRE1 $\alpha$ /XBP1/HIF-1 $\beta$ pathway in retinal Müller cells. <i>Experimental and Therapeutic Medicine</i> , <b>2021</b> , 22, 1411	2.1	0

2	The linear and curvilinear relation between personality and subjective well-being in visual artists: Perceived creation stress as a mediator. <i>PsyCh Journal</i> , <b>2020</b> , 9, 533-543	1.4	o
1	Novel Active ECG Electrode and Membrane Pressure Sensor-based Unconstrained Cardiorespiratory System for Sleep Monitoring. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2019</b> , 2019, 6705-6709	0.9	