# Min Chen

## List of Publications by Year
## in descending order

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|---|---|---|---|
| 119<br>papers | 4,540<br>citations | 147566<br>31<br>h-index | 123241<br>61<br>g-index |
| 120<br>all docs | 120<br>docs citations | 120<br>times ranked | 8381<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Highly stable and efficient all-inorganic lead-free perovskite solar cells with native-oxide passivation. Nature Communications, 2019, 10, 16. | 5.8 | 430 |
| 2 | Guidelines for Diagnosis and Treatment of Primary Liver Cancer in China (2017 Edition). Liver Cancer, 2018, 7, 235-260. | 4.2 | 426 |
| 3 | Evolutionary history of the angiosperm flora of China. Nature, 2018, 554, 234-238. | 13.7 | 321 |
| 4 | Regulating Water–Reduction Kinetics in Cobalt Phosphide for Enhancing HER Catalytic Activity in Alkaline Solution. Advanced Materials, 2017, 29, 1606980. | 11.1 | 220 |
| 5 | circTADA2As suppress breast cancer progression and metastasis via targeting miR-203a-3p/SOCS3 axis. Cell Death and Disease, 2019, 10, 175. | 2.7 | 187 |
| 6 | Localized delivery of curcumin into brain with polysorbate 80-modified cerasomes by ultrasound-targeted microbubble destruction for improved Parkinson's disease therapy. Theranostics, 2018, 8, 2264-2277. | 4.6 | 137 |
| 7 | Planning with Trust for Human-Robot Collaboration. , 2018, , . | | 126 |
| 8 | Lithospheric foundering and underthrusting imaged beneath Tibet. Nature Communications, 2017, 8, 15659. | 5.8 | 111 |
| 9 | Similarity between soybean and <i>Arabidopsis</i> seed methylomes and loss of non-CG methylation does not affect seed development. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9730-E9739. | 3.3 | 111 |
| 10 | Lead-Free Dion–Jacobson Tin Halide Perovskites for Photovoltaics. ACS Energy Letters, 2019, 4, 276-277. | 8.8 | 101 |
| 11 | Nitric Oxide Decreases Acute Kidney Injury and Stage 3 Chronic Kidney Disease after Cardiac Surgery. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1279-1287. | 2.5 | 99 |
| 12 | Adaptation Mechanism of Salt Excluders under Saline Conditions and Its Applications. International Journal of Molecular Sciences, 2018, 19, 3668. | 1.8 | 95 |
| 13 | Epidemiology of fungal infections in China. Frontiers of Medicine, 2018, 12, 58-75. | 1.5 | 91 |
| 14 | The mTOR–S6K pathway links growth signalling to DNA damage response by targeting RNF168. Nature Cell Biology, 2018, 20, 320-331. | 4.6 | 86 |
| 15 | Differential cortical microstructural maturation in the preterm human brain with diffusion kurtosis and tensor imaging. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4681-4688. | 3.3 | 73 |
| 16 | Improving maize growth processes in the community land model: Implementation and evaluation. Agricultural and Forest Meteorology, 2018, 250-251, 64-89. | 1.9 | 71 |
| 17 | A Distributed Position-Based Protocol for Emergency Messages Broadcasting in Vehicular Ad Hoc Networks. IEEE Internet of Things Journal, 2018, 5, 1218-1227. | 5.5 | 62 |
| 18 | Long noncoding RNA ATB promotes the epithelial–mesenchymal transition by upregulating the miR-200c/Twist1 axe and predicts poor prognosis in breast cancer. Cell Death and Disease, 2018, 9, 1171. | 2.7 | 59 |

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|---|---------|----|-----------|
| 19 | Porphyrin-grafted Lipid Microbubbles for the Enhanced Efficacy of Photodynamic Therapy in Prostate Cancer through Ultrasound-controlled *In Situ* Accumulation. Theranostics, 2018, 8, 1665-1677. | 4.6 | 57 |
| 20 | Size partitioning and mixing behavior of trace metals and dissolved organic matter in a South China estuary. Science of the Total Environment, 2017, 603-604, 434-444. | 3.9 | 50 |
| 21 | 24-Epibrassinolide-alleviated drought stress damage influences antioxidant enzymes and autophagy changes in peach (Prunus persicae L.) leaves. Plant Physiology and Biochemistry, 2019, 135, 30-40. | 2.8 | 50 |
| 22 | RNA-seq-based monitoring of gene expression changes of viable but non-culturable state of *Vibrio cholerae* induced by cold seawater. Environmental Microbiology Reports, 2018, 10, 594-604. | 1.0 | 48 |
| 23 | Bacterial blood stream infections (BSIs), particularly post-engraftment BSIs, are associated with increased mortality after allogeneic hematopoietic cell transplantation. Bone Marrow Transplantation, 2019, 54, 1254-1265. | 1.3 | 47 |
| 24 | Decreased expression of lncRNA VPS9D1-AS1 in gastric cancer and its clinical significance. Cancer Biomarkers, 2017, 21, 23-28. | 0.8 | 46 |
| 25 | Type 2 diabetes-associated variants of the $MT_2$ melatonin receptor affect distinct modes of signaling. Science Signaling, 2018, 11, . | 1.6 | 45 |
| 26 | Global Variation in Use of Enteral Nutrition for Pediatric Crohn Disease. Journal of Pediatric Gastroenterology and Nutrition, 2018, 67, e22-e29. | 0.9 | 43 |
| 27 | Revealing Drug-Target Interactions with Computational Models and Algorithms. Molecules, 2019, 24, 1714. | 1.7 | 42 |
| 28 | Methylome and transcriptome analyses of apple fruit somatic mutations reveal the difference of red phenotype. BMC Genomics, 2019, 20, 117. | 1.2 | 41 |
| 29 | Selection-based resampling ensemble algorithm for nonstationary imbalanced stream data learning. Knowledge-Based Systems, 2019, 163, 705-722. | 4.0 | 41 |
| 30 | ARTEMISININ BIOSYNTHESIS PROMOTING KINASE 1 positively regulates artemisinin biosynthesis through phosphorylating AabZIP1. Journal of Experimental Botany, 2018, 69, 1109-1123. | 2.4 | 40 |
| 31 | HDAC2 Suppresses IL17A-Mediated Airway Remodeling in Human and Experimental Modeling of COPD. Chest, 2018, 153, 863-875. | 0.4 | 38 |
| 32 | Screening drug-target interactions with positive-unlabeled learning. Scientific Reports, 2017, 7, 8087. | 1.6 | 35 |
| 33 | The phenology of leaf quality and its within-canopy variation is essential for accurate modeling of photosynthesis in tropical evergreen forests. Global Change Biology, 2017, 23, 4814-4827. | 4.2 | 33 |
| 34 | Exopolysaccharides from a *Codonopsis pilosula* endophyte activate macrophages and inhibit cancer cell proliferation and migration. Thoracic Cancer, 2018, 9, 630-639. | 0.8 | 33 |
| 35 | Genomic and transcriptomic insights into the survival of the subaerial cyanobacterium *Nostoc flagelliforme* in arid and exposed habitats. Environmental Microbiology, 2019, 21, 845-863. | 1.8 | 32 |
| 36 | Global Similarity Method Based on a Two-tier Random Walk for the Prediction of microRNA-Disease Association. Scientific Reports, 2018, 8, 6481. | 1.6 | 31 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 37 | Cryptococcosis in patients with diabetes mellitus <scp>II</scp> in mainland China: 1993â€"2015. Mycoses, 2017, 60, 706-713. | 1.8 | 29 |
| 38 | A label-free sensitive method for membrane protein detection based on aptamer and AgNCs transfer. Talanta, 2017, 175, 470-476. | 2.9 | 28 |
| 39 | Comparison of two hyoscyamine 6Î²-hydroxylases in engineering scopolamine biosynthesis in root cultures of Scopolia lurida. Biochemical and Biophysical Research Communications, 2018, 497, 25-31. | 1.0 | 27 |
| 40 | The Association of Vitamin A and Vitamin D with Hypertension in Children: A Case-Control Study. International Journal of Hypertension, 2018, 2018, 1-8. | 0.5 | 26 |
| 41 | Impacts of Precipitation on Ecosystem Carbon Fluxes in Desertâ€"Grasslands in Inner Mongolia, China. Journal of Geophysical Research D: Atmospheres, 2019, 124, 1266-1276. | 1.2 | 26 |
| 42 | Longitudinal Alterations of Local Spontaneous Brain Activity in Parkinsonâ€™s Disease. Neuroscience Bulletin, 2017, 33, 501-509. | 1.5 | 25 |
| 43 | Multi-Copper Ferroxidaseâ€"Deficient Mice Have Increased Brain Iron Concentrations and Learning and Memory Deficits. Journal of Nutrition, 2018, 148, 643-649. | 1.3 | 25 |
| 44 | A computational structureâ€"property relationship study of glass transition temperatures for a diverse set of polymers. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 877-885. | 2.4 | 25 |
| 45 | Source and Fate of Dissolved Black Carbon in the Western South China Sea During the Southwest Monsoon Prevailing Season. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 2817-2830. | 1.3 | 24 |
| 46 | Acupuncture therapy in treating migraine: results of a magnetic resonance spectroscopy imaging study. Journal of Pain Research, 2018, Volume 11, 889-900. | 0.8 | 23 |
| 47 | Bipartite Heterogeneous Network Method Based on Co-neighbor for MiRNA-Disease Association Prediction. Frontiers in Genetics, 2019, 10, 385. | 1.1 | 23 |
| 48 | Association between Insomnia and Metabolic Syndrome in a Chinese Han Population: A Cross-sectional Study. Scientific Reports, 2017, 7, 10893. | 1.6 | 22 |
| 49 | Whole mouse brain connectomics. Journal of Comparative Neurology, 2019, 527, 2146-2157. | 0.9 | 22 |
| 50 | Seed genome hypomethylated regions are enriched in transcription factor genes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8315-E8322. | 3.3 | 19 |
| 51 | Characteristics of patients with enhancing intracranial atherosclerosis and association between plaque enhancement and recent cerebrovascular ischemic events: a high-resolution magnetic resonance imaging study. Acta Radiologica, 2019, 60, 1301-1307. | 0.5 | 19 |
| 52 | Virus detection in the cerebrospinal fluid of hematopoietic stem cell transplant recipients is associated with poor patient outcomes: a CIBMTR contemporary longitudinal study. Bone Marrow Transplantation, 2019, 54, 1354-1360. | 1.3 | 19 |
| 53 | MSFSP: A Novel miRNAâ€"Disease Association Prediction Model by Federating Multiple-Similarities Fusion and Space Projection. Frontiers in Genetics, 2020, 11, 389. | 1.1 | 19 |
| 54 | Cryptococcosis in HIV-negative Patients with Renal Dialysis: A Retrospective Analysis of Pooled Cases. Mycopathologia, 2017, 182, 887-896. | 1.3 | 18 |

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|---|---------|----|-----------|
| 55 | Correlation of bio-optical properties with photosynthetic pigment and microorganism distribution in microbial mats from Hamelin Pool, Australia. FEMS Microbiology Ecology, 2019, 95, . | 1.3 | 18 |
| 56 | LDAI-ISPS: LncRNAâ€"Disease Associations Inference Based on Integrated Space Projection Scores. International Journal of Molecular Sciences, 2020, 21, 1508. | 1.8 | 18 |
| 57 | A comparative study of Gaussian and non-Gaussian diffusion models for differential diagnosis of prostate cancer with in-bore transrectal MR-guided biopsy as a pathological reference. Acta Radiologica, 2018, 59, 1395-1402. | 0.5 | 17 |
| 58 | Bacillamidins Aâ€"G from a Marine-Derived Bacillus pumilus. Marine Drugs, 2018, 16, 326. | 2.2 | 17 |
| 59 | One novel representation of DNA sequence based on the global and local position information. Scientific Reports, 2018, 8, 7592. | 1.6 | 17 |
| 60 | Asthenospheric outflow from the shrinking Philippine Sea Plate: Evidence from Hfâ€"Nd isotopes of southern Mariana lavas. Earth and Planetary Science Letters, 2017, 478, 258-271. | 1.8 | 17 |
| 61 | Anisotropy in Shape and Ligandâ€Conjugation of Hybrid Nanoparticulates Manipulates the Mode of Bioâ€"Nano Interaction and Its Outcome. Advanced Functional Materials, 2017, 27, 1700406. | 7.8 | 16 |
| 62 | Adaptive region adjustment to improve the balance of convergence and diversity in MOEA/D. Applied Soft Computing Journal, 2018, 70, 797-813. | 4.1 | 16 |
| 63 | Uncover miRNA-Disease Association by Exploiting Global Network Similarity. PLoS ONE, 2016, 11, e0166509. | 1.1 | 16 |
| 64 | Diagnostic value of <i>WIF1</i> methylation for colorectal cancer: a meta-analysis. Oncotarget, 2018, 9, 5378-5386. | 0.8 | 16 |
| 65 | Evaluation of La 0.3 Ca 0.7 Fe 1â^'y Cr y O 3â^'Î´ (y = 0.1â€"0.3) cathodes for intermediate temperature solid oxide fuel cells. Materials Research Bulletin, 2017, 90, 104-110. | 2.7 | 15 |
| 66 | Interference with GsÎ±-Coupled Receptor Signaling in Renin-Producing Cells Leads to Renal Endothelial Damage. Journal of the American Society of Nephrology: JASN, 2017, 28, 3479-3489. | 3.0 | 15 |
| 67 | Phenoxyimine Ligands Bearing Nitrogen-Containing Second Coordination Spheres for Zinc Catalyzed Stereoselective Ring-Opening Polymerization of rac-Lactide. Organometallics, 2019, 38, 461-468. | 1.1 | 15 |
| 68 | Predicting cadmium and lead toxicities in zebrafish (Danio rerio) larvae by using a toxicokineticâ€"toxicodynamic model that considers the effects of cations. Science of the Total Environment, 2018, 625, 1584-1595. | 3.9 | 14 |
| 69 | A novel information diffusion method based on network consistency for identifying disease related microRNAs. RSC Advances, 2018, 8, 36675-36690. | 1.7 | 14 |
| 70 | Clinical features and long-term outcomes of diabetic kidney disease â€" A prospective cohort study from China. Journal of Diabetes and Its Complications, 2019, 33, 39-45. | 1.2 | 14 |
| 71 | Gut-homing Î"42PD1+VÎ´2 T cells promote innate mucosal damage via TLR4 during acute HIV type 1 infection. Nature Microbiology, 2017, 2, 1389-1402. | 5.9 | 13 |
| 72 | Optimization on the electrochemical properties of La2NiO4+Î´ cathodes by tuning the cathode thickness. International Journal of Hydrogen Energy, 2018, 43, 4482-4491. | 3.8 | 13 |

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|---|---------|-----|-----------|
| 73 | Organic matter modifies biochemical but not most behavioral responses of the clam Ruditapes philippinarum to nanosilver exposure. Marine Environmental Research, 2018, 133, 105-113. | 1.1 | 13 |
| 74 | Predictors of Renal Outcomes in Sclerotic Class Anti-Neutrophil Cytoplasmic Antibody Glomerulonephritis. American Journal of Nephrology, 2018, 48, 465-471. | 1.4 | 13 |
| 75 | Promoting the water reduction reaction of transition metal dichalcogenides in a basic electrolyte by interface engineering. Journal of Materials Chemistry A, 2018, 6, 17488-17494. | 5.2 | 13 |
| 76 | Genotypic diversity and antifungal susceptibility of *Cryptococcus neoformans* isolates from paediatric patients in China. Mycoses, 2019, 62, 171-180. | 1.8 | 13 |
| 77 | Cooperative Content Transmission for Vehicular Ad Hoc Networks using Robust Optimization. , 2018, , . | | 11 |
| 78 | Comparative pollen limitation and pollinator activity of Caragana korshinskii Kom in natural and fragmented habitats. Science of the Total Environment, 2019, 654, 1056-1063. | 3.9 | 11 |
| 79 | Schizophrenia and gut-flora related epigenetic factors. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 90, 49-54. | 2.5 | 11 |
| 80 | An Effective Fuel-Level Data Cleaning and Repairing Method for Vehicle Monitor Platform. IEEE Transactions on Industrial Informatics, 2019, 15, 410-422. | 7.2 | 11 |
| 81 | Semi-Supervised Maximum Discriminative Local Margin for Gene Selection. Scientific Reports, 2018, 8, 8619. | 1.6 | 10 |
| 82 | A feasible diagnostic approach for the translocation carrier from the indication of products of conception. Molecular Cytogenetics, 2018, 11, 12. | 0.4 | 10 |
| 83 | A novel miRNA-disease association prediction model using dual random walk with restart and space projection federated method. PLoS ONE, 2021, 16, e0252971. | 1.1 | 10 |
| 84 | Enhance Performance of Centroid Algorithm in Wireless Sensor Networks. , 2012, , . | | 9 |
| 85 | Maxdenominator Reweighted Sparse Representation for Tumor Classification. Scientific Reports, 2017, 7, 46030. | 1.6 | 9 |
| 86 | Prediction of potential disease-associated microRNAs by composite network based inference. Scientific Reports, 2018, 8, 15813. | 1.6 | 9 |
| 87 | Diurnal variations in the content and oxygen isotope composition of phosphate pools in a subtropical agriculture soil. Geoderma, 2019, 337, 863-870. | 2.3 | 9 |
| 88 | Sources and transformations of nitrogen in the South China Sea: insights from nitrogen isotopes. Journal of Oceanography, 2018, 74, 101-113. | 0.7 | 8 |
| 89 | Northern pig-tailed macaques (*Macaca leonina*) maintain superior CD4$^+$ T-cell homeostasis during SIVmac239 infection. European Journal of Immunology, 2018, 48, 384-385. | 1.6 | 8 |
| 90 | The application of NIPT using combinatorial probe-anchor synthesis to identify sex chromosomal aneuploidies (SCAs) in a cohort of 570 pregnancies. Molecular Cytogenetics, 2018, 11, 59. | 0.4 | 8 |

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|---|---------|----|-----------|
| 91 | Diagnostic value of RASSF1A hypermethylation in colorectal cancer: a meta-analysis. Pathology Research and Practice, 2018, 214, 1572-1578. | 1.0 | 8 |
| 92 | A Novel lncRNA-Disease Association Prediction Model Using Laplacian Regularized Least Squares and Space Projection-Federated Method. IEEE Access, 2020, 8, 111614-111625. | 2.6 | 8 |
| 93 | Semantics-Aware Privacy Risk Assessment Using Self-Learning Weight Assignment for Mobile Apps. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 15-29. | 3.7 | 8 |
| 94 | Selective transfer cycle GAN for unsupervised person re-identification. Multimedia Tools and Applications, 2020, 79, 12597-12613. | 2.6 | 8 |
| 95 | Engineering a Novel Porin OmpGF Via Strand Replacement from Computational Analysis of Sequence Motif. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1180-1189. | 1.4 | 7 |
| 96 | Association between KCNE1 G38S gene polymorphism and risk of atrial fibrillation. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 0.4 | 7 |
| 97 | Three-dimensional graphene network supported by poly phenylene sulfide with negative permittivity at radio-frequency. Journal of Materials Science: Materials in Electronics, 2018, 29, 20768-20774. | 1.1 | 6 |
| 98 | LSGSP: a novel miRNA–disease association prediction model using a Laplacian score of the graphs and space projection federated method. RSC Advances, 2019, 9, 29747-29759. | 1.7 | 6 |
| 99 | Gene function prediction based on combining gene ontology hierarchy with multi-instance multi-label learning. RSC Advances, 2018, 8, 28503-28509. | 1.7 | 5 |
| 100 | A Novel Gene Selection Method Based on Sparse Representation and Max-Relevance and Min-Redundancy. Combinatorial Chemistry and High Throughput Screening, 2017, 20, 158-163. | 0.6 | 5 |
| 101 | Seasonal variations in the abundance and sinking flux of biogenic silica in Daya Bay, northern South China Sea. Oceanologia, 2019, 61, 239-251. | 1.1 | 4 |
| 102 | Two-Stage Inference for LncRNA-Disease Associations Based on Diverse Heterogeneous Information Sources. IEEE Access, 2021, 9, 16103-16113. | 2.6 | 4 |
| 103 | Gate-controlled magnon-assisted switching of magnetization in ferroelectric/ferromagnetic junctions. Physical Review B, 2017, 96, . | 1.1 | 3 |
| 104 | Serotype prevalence and antibiotic susceptibility patterns of pneumococcal isolates in Zunyi city, China. Journal of King Abdulaziz University, Islamic Economics, 2017, 38, 1243-1249. | 0.5 | 3 |
| 105 | A Transfer Learning-Based Approach for Lysine Propionylation Prediction. Frontiers in Physiology, 2021, 12, 658633. | 1.3 | 3 |
| 106 | Fisher Discrimination Regularized Robust Coding Based on a Local Center for Tumor Classification. Scientific Reports, 2018, 8, 9152. | 1.6 | 2 |
| 107 | A Novel Method Based on Greedy Algorithm for Informative SNP Selection. Journal of Computational and Theoretical Nanoscience, 2015, 12, 4036-4042. | 0.4 | 2 |
| 108 | A Multiple Platform Based Method For Data Integration. Journal of Computational and Theoretical Nanoscience, 2015, 12, 4890-4894. | 0.4 | 2 |

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|---|---------|----|-----------|
| 109 | Localized pairwise constraint proximal support vector machine. , 2010, , . | | 1 |
| 110 | A Novel Gene Selection Algorithm based on Sparse Representation and Minimum-redundancy Maximum-relevancy of Maximum Compatibility Center. Current Proteomics, 2019, 16, 374-382. | 0.1 | 1 |
| 111 | Association between the methylation of six apoptosisâ€'associated genes with autism spectrum disorder. Molecular Medicine Reports, 2018, 18, 4629-4634. | 1.1 | 1 |
| 112 | Fusion of KATZ measure and space projection to fast probe potential lncRNA-disease associations in bipartite graphs. PLoS ONE, 2021, 16, e0260329. | 1.1 | 1 |
| 113 | Informative SNP Selection Based on a Fuzzy Clustering and Improved Binary Particle Swarm Optimization Algorithm. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-11. | 0.7 | 1 |
| 114 | Semi-supervised nonlinear dimensionality reduction with pairwise constraints. , 2010, , . | | 0 |
| 115 | Application and Design of the Spectral Identification System Based on Neural Network and Fuzzy Control. , 2012, , . | | 0 |
| 116 | Research of Fuzzy Theory in Subjective Human Reviewers. , 2013, , . | | 0 |
| 117 | GRIN lens based high speed confocal system for deep brain calcium imaging. , 2017, , . | | 0 |
| 118 | Tag Single-Nucleotide Polymorphism Selection Based on Sparse Representation. Journal of Computational and Theoretical Nanoscience, 2016, 13, 338-342. | 0.4 | 0 |
| 119 | Inferring Latent Disease-lncRNA Associations by Label-Propagation Algorithm and Random Projection on a Heterogeneous Network. Frontiers in Genetics, 2022, 13, 798632. | 1.1 | 0 |