

# Zheng Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

2,047

citations

21

h-index

44

g-index

85

ext. papers

2,724

ext. citations

5.1

avg, IF

5.01

L-index

| #  | Paper   | IF    | Citations |
|----|---|-------|-----------|
| 82 | Exosome-depleted MiR-148a-3p derived from Hepatic Stellate Cells Promotes Tumor Progression via ITGA5/PI3K/Akt Axis in Hepatocellular Carcinoma.. <i>International Journal of Biological Sciences</i> , <b>2022</b> , 18, 2249-2260                     | 11.2  | 3         |
| 81 | Ultra-Sensitive and Affordable Assay for Early Detection of Primary Liver Cancer Using Plasma cfDNA Fragmentomics.. <i>Hepatology</i> , <b>2021</b> ,   | 11.2  | 5         |
| 80 | Development and validation of a non-invasive model for diagnosing HBV-related liver cirrhosis. <i>Clinica Chimica Acta</i> , <b>2021</b> , 523, 525-531   | 6.2   | 0         |
| 79 | Cloning, expression, and characterization of a glycosaminoglycan lyase from <i>Vibrio</i> sp. H240. <i>Enzyme and Microbial Technology</i> , <b>2021</b> , 154, 109952  | 3.8   | 0         |
| 78 | Web resources facilitate drug discovery in treatment of COVID-19. <i>Drug Discovery Today</i> , <b>2021</b> , 26, 2358-2366   | 23.66 | 1         |
| 77 | Future Runoff Variation and Flood Disaster Prediction of the Yellow River Basin Based on CA-Markov and SWAT. <i>Land</i> , <b>2021</b> , 10, 421  | 3.5   | 7         |
| 76 | Effect of Pre-Extrusion on the Microstructure and Properties of Forged Mg <sub>92</sub> Al <sub>7</sub> Ni <sub>2</sub> Alloy. <i>Advanced Engineering Materials</i> , <b>2021</b> , 23, 2001459  | 3.5   | 1         |
| 75 | Future droughts in China using the standardized precipitation evapotranspiration index (SPEI) under multi-spatial scales. <i>Natural Hazards</i> , <b>2021</b> , 109, 615-636   | 3     | 4         |
| 74 | Identification and characterization of isocitrate dehydrogenase 1 (IDH1) as a functional target of marine natural product grincamycin B. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> , 42, 801-813  | 8     | 1         |
| 73 | Mapping the resources and approaches facilitating computer-aided synthesis planning. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 812-824  | 5.2   | 6         |
| 72 | Fracture Development Characteristics of Coal under Organic Solvent Erosion and Its Nondestructive Testing Method. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 13788-13800   | 4.1   | 0         |
| 71 | Web-Based Quantitative Structure-Activity Relationship Resources Facilitate Effective Drug Discovery. <i>Topics in Current Chemistry</i> , <b>2021</b> , 379, 37  | 7.2   | 0         |
| 70 | Bioinformatic tools support decision-making in plant disease management. <i>Trends in Plant Science</i> , <b>2021</b> , 26, 953-967   | 13.1  | 5         |
| 69 | Experimental Research on Water Migration-Damage Characteristics of Lignite under Microwave Heating. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 1058-1069   | 4.1   | 4         |
| 68 | Coupling coordination between environment, economy and tourism: A case study of China. <i>PLoS ONE</i> , <b>2020</b> , 15, e0228426   | 3.7   | 25        |
| 67 | Spatiotemporal Variations in Energy Consumption and Their Influencing Factors in China Based on the Integration of the DMSP-OLS and NPP-VIIRS Nighttime Light Datasets. <i>Remote Sensing</i> , <b>2020</b> , 12, 1151                                  | 5     | 16        |
| 66 | Integrated Bioinformatics analysis and clinical validation reveals that high expression of mucin 1 in intrahepatic cholangiocarcinoma predicts recurrence after curative resection. <i>Experimental and Therapeutic Medicine</i> , <b>2020</b> , 20, 50 | 2.1   | 1         |

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|----|--|-----|----|
| 65 | Integrated Bioinformatics analysis and clinical validation reveals that high expression of mucin 1 in intrahepatic cholangiocarcinoma predicts recurrence after curative resection. <i>Experimental and Therapeutic Medicine</i> , <b>2020</b> , 20, 1-1 | 2.1 | 1  |
| 64 | Spatiotemporal variation in reference evapotranspiration and its contributing climatic factors in China under future scenarios. <i>International Journal of Climatology</i> , <b>2020</b> , 40, 3813-3831  | 3.5 | 11 |
| 63 | Automated synthesis: current platforms and further needs. <i>Drug Discovery Today</i> , <b>2020</b> , 25, 2006-2006  | 8.8 | 5  |
| 62 | How and to what extent can pensions facilitate increased use of health services by older people: evidence from social pension expansion in rural China. <i>BMC Health Services Research</i> , <b>2020</b> , 20, 1008                                     | 2.9 | 1  |
| 61 | A safe mining approach for deep outburst coal seam groups with hard-thick sandstone roof: Stepwise risk control based on gas diversion and extraction. <i>Energy Science and Engineering</i> , <b>2020</b> , 8, 2946-2965                                | 3.4 | 8  |
| 60 | Joint Ordering and Markdown Policy for Short Lifetime Products With Competitive Price- and Freshness-Based Demand. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2020</b> , 1-13   | 4.9 | 2  |
| 59 | Accounting and Characteristics Analysis of CO2 Emissions in Chinese Cities. <i>Chinese Journal of Urban and Environmental Studies</i> , <b>2020</b> , 08, 2050004  | 0.3 | 1  |
| 58 | Modeling the spatiotemporal dynamics of industrial sulfur dioxide emissions in China based on DMSP-OLS nighttime stable light data. <i>PLoS ONE</i> , <b>2020</b> , 15, e0238696   | 3.7 | 1  |
| 57 | Location and Design of Urban Facilities considering Competitors[Responses: A Case Study of Putuo District, Shanghai. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-12  | 1.1 | 1  |
| 56 | Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy for Unresectable Hepatitis B Virus-related Hepatocellular Carcinoma: A Single Center Study of 45 Patients. <i>Annals of Surgery</i> , <b>2020</b> , 271, 534-541             | 7.8 | 41 |
| 55 | Coupling coordination between environment, economy and tourism: A case study of China <b>2020</b> , 15, e0228426   |     |    |
| 54 | Coupling coordination between environment, economy and tourism: A case study of China <b>2020</b> , 15, e0228426   |     |    |
| 53 | Coupling coordination between environment, economy and tourism: A case study of China <b>2020</b> , 15, e0228426   |     |    |
| 52 | Coupling coordination between environment, economy and tourism: A case study of China <b>2020</b> , 15, e0228426   |     |    |
| 51 | Coupling coordination between environment, economy and tourism: A case study of China <b>2020</b> , 15, e0228426   |     |    |
| 50 | Coupling coordination between environment, economy and tourism: A case study of China <b>2020</b> , 15, e0228426   |     |    |
| 49 | Risk Factors and Outcomes of Early Relapse After Curative Resection of Intrahepatic Cholangiocarcinoma. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 854  | 5.3 | 10 |
| 48 | Evaluation of mechanic damping properties of montmorillonite/organo-modified montmorillonite-reinforced cement paste. <i>Construction and Building Materials</i> , <b>2019</b> , 203, 356-365  | 6.7 | 19 |

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|----|--|------|-----|
| 47 | Plastomeric-like polyethylenes achievable using thermally robust N,N'-nickel catalysts appended with electron withdrawing difluorobenzhydryl and nitro groups. <i>Dalton Transactions</i> , <b>2019</b> , 48, 1878-1891                  | 4.3  | 16  |
| 46 | Exploring the effects of economic growth, and renewable and non-renewable energy consumption on China's CO2 emissions: Evidence from a regional panel analysis. <i>Renewable Energy</i> , <b>2019</b> , 140, 341-353                     | 8.1  | 113 |
| 45 | Systemic inflammation score predicts survival in patients with intrahepatic cholangiocarcinoma undergoing curative resection. <i>Journal of Cancer</i> , <b>2019</b> , 10, 494-503   | 4.5  | 21  |
| 44 | Surgical Resection plus Radiofrequency Ablation versus Radical Surgery for Hepatocellular Carcinoma: A Propensity Score Matching Analysis. <i>Journal of Cancer</i> , <b>2019</b> , 10, 3933-3940  | 4.5  | 3   |
| 43 | Genomic sequencing identifies WNK2 as a driver in hepatocellular carcinoma and a risk factor for early recurrence. <i>Journal of Hepatology</i> , <b>2019</b> , 71, 1152-1163  | 13.4 | 28  |
| 42 | Analysis of the steady state probability distribution of a manufacturing system under the prioritised hedging point control policy. <i>International Journal of Production Research</i> , <b>2019</b> , 57, 2281-2303                    | 7.8  | 1   |
| 41 | Effects of Carbon Nanofibers and Carboxyl Functionalized Multi-Walled Carbon Nanotubes on Mechanical Damping Behavior of Cement Paste. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2019</b> , 19, 163-169                      | 1.3  | 4   |
| 40 | Optimal RFID Deployment in a Multiple-Stage Production System Under Inventory Inaccuracy and Robust Control Policy. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 3230-3242                                     | 11.9 | 5   |
| 39 | Bis(imino)pyridines Incorporating Doubly Fused Eight-Membered Rings as Conformationally Flexible Supports for Cobalt Ethylene Polymerization Catalysts. <i>Organometallics</i> , <b>2018</b> , 37, 380-389                               | 3.8  | 61  |
| 38 | Adjuvant Transarterial Chemoembolization for HBV-Related Hepatocellular Carcinoma After Resection: A Randomized Controlled Study. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 2074-2081  | 12.9 | 84  |
| 37 | An integrated robust replenishment/production/distribution policy under inventory inaccuracy. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 4115-4131  | 7.8  | 4   |
| 36 | Assessing the moisture migration during microwave drying of coal using low-field nuclear magnetic resonance. <i>Drying Technology</i> , <b>2018</b> , 36, 567-577  | 2.6  | 26  |
| 35 | Guidelines for Diagnosis and Treatment of Primary Liver Cancer in China (2017 Edition). <i>Liver Cancer</i> , <b>2018</b> , 7, 235-260   | 9.1  | 291 |
| 34 | Targeting NLRP3 (Nucleotide-Binding Domain, Leucine-Rich-Containing Family, Pyrin Domain-Containing-3) Inflammasome in Cardiovascular Disorders. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2018</b> , 38, 2765-2779 | 9.4  | 33  |
| 33 | A Robust Reorder-Time/Order-Quantity Policy Under Invisible Stock Loss. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 3102-3116   | 7.3  | 1   |
| 32 | Intrahepatic cholangiocarcinoma patients without indications of lymph node metastasis not benefit from lymph node dissection. <i>Oncotarget</i> , <b>2017</b> , 8, 113817-113827   | 3.3  | 19  |
| 31 | Direct Hydrogenation of a Broad Range of Amides under Base-free Conditions using an Efficient and Selective Ruthenium(II) Pincer Catalyst. <i>ChemCatChem</i> , <b>2017</b> , 9, 4275-4281   | 5.2  | 17  |
| 30 | Salvage transhepatic arterial embolization after failed stage I ALPPS in a patient with a huge HCC with chronic liver disease: A case report. <i>International Journal of Surgery Case Reports</i> , <b>2017</b> , 39, 131-135           | 0.8  | 9   |

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|----|---|------|-----|
| 29 | Molecular weight control of polyethylene waxes using a constrained imino-cyclopenta[b]pyridyl-nickel catalyst. <i>Journal of Polymer Science Part A</i> , <b>2017</b> , 55, 3494-3505   | 2.5  | 6   |
| 28 | MicroRNA-29a induces loss of 5-hydroxymethylcytosine and promotes metastasis of hepatocellular carcinoma through a TET-SOCS1-MMP9 signaling axis. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2906  | 9.8  | 48  |
| 27 | Examining PM2.5 Emissions Embodied in China's Supply Chain Using a Multiregional Input-Output Analysis. <i>Sustainability</i> , <b>2017</b> , 9, 727  | 3.6  | 15  |
| 26 | Examining drivers of the emissions embodied in trade. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176159  | 3.7  | 4   |
| 25 | Cycloheptyl-fused NNO-ligands as electronically modifiable supports for M(II) (M = Co, Fe) chloride precatalysts; probing performance in ethylene oligo-/polymerization. <i>Journal of Polymer Science Part A</i> , <b>2017</b> , 55, 3980-3989     | 2.5  | 21  |
| 24 | PI-88 inhibits postoperative recurrence of hepatocellular carcinoma via disrupting the surge of heparanase after liver resection. <i>Tumor Biology</i> , <b>2016</b> , 37, 2987-98  | 2.9  | 26  |
| 23 | miR-28-5p-IL-34-macrophage feedback loop modulates hepatocellular carcinoma metastasis. <i>Hepatology</i> , <b>2016</b> , 63, 1560-75   | 11.2 | 137 |
| 22 | Influence of fermentation conditions on polysaccharide production and the activities of enzymes involved in the polysaccharide synthesis of <i>Cordyceps militaris</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 3909-21 | 5.7  | 26  |
| 21 | Effects of extraction methods on the yield, chemical structure and anti-tumor activity of polysaccharides from <i>Cordyceps gunnii</i> mycelia. <i>Carbohydrate Polymers</i> , <b>2016</b> , 140, 461-71  | 10.3 | 89  |
| 20 | Structural properties of polysaccharides from cultivated fruit bodies and mycelium of <i>Cordyceps militaris</i> . <i>Carbohydrate Polymers</i> , <b>2016</b> , 142, 63-72  | 10.3 | 105 |
| 19 | Tumor-Associated Neutrophils Recruit Macrophages and T-Regulatory Cells to Promote Progression of Hepatocellular Carcinoma and Resistance to Sorafenib. <i>Gastroenterology</i> , <b>2016</b> , 150, 1646-1658.e17                                  | 13.3 | 338 |
| 18 | Children with Steroid-resistant Nephrotic Syndrome: Long-term Outcomes of Sequential Steroid Therapy. <i>Biomedical and Environmental Sciences</i> , <b>2016</b> , 29, 650-655  | 1.1  | 6   |
| 17 | Retraction Note to: Involvement of a Specific Chemosensory Protein from <i>Bactrocera dorsalis</i> in Perceiving Host Plant Volatiles. <i>Journal of Chemical Ecology</i> , <b>2016</b> , 42, 461   | 2.7  | 2   |
| 16 | Promyelocytic leukemia protein induces arsenic trioxide resistance through regulation of aldehyde dehydrogenase 3 family member A1 in hepatocellular carcinoma. <i>Cancer Letters</i> , <b>2015</b> , 366, 112-22                                   | 9.9  | 17  |
| 15 | A Robust Replenishment and Production Control Policy for a Single-Stage Production/Inventory System with Inventory Inaccuracy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2015</b> , 45, 326-337                       | 7.3  | 15  |
| 14 | Azadirachtin-induced apoptosis involves lysosomal membrane permeabilization and cathepsin L release in <i>Spodoptera frugiperda</i> Sf9 cells. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2015</b> , 64, 126-35             | 5.6  | 32  |
| 13 | Due date assignment and dynamic scheduling of one-of-a-kind assembly production with uncertain processing time. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2015</b> , 28, 616-627                                       | 4.3  | 9   |
| 12 | China's provincial CO2 emissions embodied in trade with implications for regional climate policy. <i>Frontiers of Earth Science</i> , <b>2015</b> , 9, 77-90  | 1.7  | 22  |

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|----|---|-----|-----|
| 11 | Identification of anti-inflammatory constituents from <i>Kalimeris indica</i> with UHPLC-ESI-Q-TOF-MS/MS and GC-MS. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 165, 39-45            | 5   | 12  |
| 10 | CXCR2/CXCL5 axis contributes to epithelial-mesenchymal transition of HCC cells through activating PI3K/Akt/GSK-3 $\beta$ /Snail signaling. <i>Cancer Letters</i> , <b>2015</b> , 358, 124-135 | 9.9 | 127 |
| 9  | Finite Element Analysis of Multipoint Counter Electrode Sensor in Steel Corrosion Rate Measurement. <i>IEEE Sensors Journal</i> , <b>2014</b> , 14, 790-792                                   | 4   | 5   |
| 8  | Iron-sulfur protein in mitochondrial complexes of <i>Spodoptera litura</i> as potential site for ROS generation. <i>Journal of Insect Physiology</i> , <b>2014</b> , 71, 21-9                 | 2.4 | 7   |
| 7  | Celecoxib induces apoptosis via a mitochondria-dependent pathway in the H22 mouse hepatoma cell line. <i>Molecular Medicine Reports</i> , <b>2014</b> , 10, 2093-8                            | 2.9 | 8   |
| 6  | Cough signal recognition with Gammatone Cepstral Coefficients <b>2013</b> ,   |     | 14  |
| 5  | Industry cluster: spatial density and optimal scale. <i>Annals of Regional Science</i> , <b>2012</b> , 49, 719-731  | 1.1 | 6   |
| 4  | A Novel Ohmic-Loss Reduction Control Strategy for Planar Motor. <i>IEEE Transactions on Magnetics</i> , <b>2012</b> , 48, 2997-3000   | 2   | 2   |
| 3  | Estimation of provincial forest carbon sink capacities in Chinese mainland. <i>Science Bulletin</i> , <b>2011</b> , 56, 883-889   |     | 8   |
| 2  | Policy modeling on the GDP spillovers of carbon abatement policies between China and the United States. <i>Economic Modelling</i> , <b>2010</b> , 27, 40-45                                   | 3.4 | 13  |
| 1  | Convergence and transition auspice of Chinese regional growth. <i>Annals of Regional Science</i> , <b>2004</b> , 38, 727-739  | 1.1 | 11  |