Hao Wu

List of Publications by Year
in descending order

119 papers	3,670 citations	147566 31 h-index	174990 52 g-index
122 all docs	122 docs citations	122 times ranked	3909 citing authors

#	Article	IF	Citations
1	Krill Oil Inhibits NLRP3 Inflammasome Activation in the Prevention of the Pathological Injuries of Diabetic Cardiomyopathy. Nutrients, 2022, 14, 368.	1.7	13
2	Normal Forms for Difference and Differential Systems. Qualitative Theory of Dynamical Systems, 2022, 21, 1.	0.8	0
3	Krill oil prevents lipopolysaccharide-evoked acute liver injury in mice through inhibition of oxidative stress and inflammation. Food and Function, 2022, 13, 3853-3864.	2.1	4
4	DHA-Enriched Phospholipids and EPA-Enriched Phospholipids Alleviate Lipopolysaccharide-Induced Intestinal Barrier Injury in Mice <i>via</i> a Sirtuin 1-Dependent Mechanism. Journal of Agricultural and Food Chemistry, 2022, 70, 2911-2922.	2.4	8
5	Naples prognostic score, a novel prognostic score for patients with high- and intermediate-risk gastrointestinal stromal tumours after surgical resection. World Journal of Surgical Oncology, 2022, 20, 63.	0.8	4
6	The Role of Palmitoleic Acid in Regulating Hepatic Gluconeogenesis through SIRT3 in Obese Mice. Nutrients, 2022, 14, 1482.	1.7	12
7	An Intelligent Nanovehicle Armed with Multifunctional Navigation for Precise Delivery of Toll€Like Receptor 7/8 Agonist and Immunogenic Cell Death Amplifiers to Eliminate Solid Tumors and Trigger Durable Antitumor Immunity. Advanced Healthcare Materials, 2022, 11, e2102739.	3.9	18
8	Brussels Chicory Stabilizes Unstable Atherosclerotic Plaques and Reshapes the Gut Microbiota in Apoeˆ'/ˆ' Mice. Journal of Nutrition, 2022, 152, 2209-2217.	1.3	10
9	A novel 3′tRNA-derived fragment tRF-Val promotes proliferation and inhibits apoptosis by targeting EEF1A1 in gastric cancer. Cell Death and Disease, 2022, 13, 471.	2.7	34
10	Liver stiffness as measured by two-dimensional shear wave elastography overestimates the stage of fibrosis in patients with chronic hepatitis B and hepatic steatosis. Clinics and Research in Hepatology and Gastroenterology, 2021, 45, 101421.	0.7	7
11	Long-Time Dynamics and Optimal Control of a Diffuse Interface Model for Tumor Growth. Applied Mathematics and Optimization, 2021, 83, 739-787.	0.8	33
12	Optimal Distributed Control of a Cahn–Hilliard–Darcy System with Mass Sources. Applied Mathematics and Optimization, 2021, 83, 489-530.	0.8	23
13	CT assessment of preoperative nutritional status in gastric cancer: severe low skeletal muscle mass and obesity-related low skeletal muscle mass are unfavorable factors of postoperative complications. Expert Review of Gastroenterology and Hepatology, 2021, 15, 317-324.	1.4	8
14	Association of clock-like mutational signature with immune checkpoint inhibitor outcome in patients with melanoma and NSCLC. Molecular Therapy - Nucleic Acids, 2021, 23, 89-100.	2.3	25
15	m^{6}A regulator-based methylation modification patterns characterized by distinct tumor microenvironment immune profiles in colon cancer. Theranostics, 2021, 11, 2201-2217.	4.6	148
16	Different Medical Features and Strategies of Large Rectal Gastrointestinal Stromal Tumor: A Multi-Central Pooling Analysis. Cancer Management and Research, 2021, Volume 13, 1591-1600.	0.9	2
17	The Combination of Shear Wave Elastography and Platelet Counts Can Effectively Predict High-Risk Varices in Patients with Hepatitis B-Related Cirrhosis. BioMed Research International, 2021, 2021, 1-9.	0.9	3
18	The role and application of small extracellular vesicles in gastric cancer. Molecular Cancer, 2021, 20, 71.	7.9	51

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19	Clinical features of gastric duplications: evidence from primary case reports and published data. Orphanet Journal of Rare Diseases, 2021, 16, 368.	1.2	9
20	Surgical Resection Is Still Better Than Endoscopic Resection for Patients With 2-5 cm Gastric Gastrointestinal Stromal Tumours: A Propensity Score Matching Analysis. Frontiers in Oncology, 2021, 11, 737885.	1.3	1
21	Clinicopathological characteristics and longterm survival of patients with synchronous multiple primary gastrointestinal stromal tumors: A propensity score matching analysis. World Journal of Gastroenterology, 2021, 27, 6128-6141.	1.4	3
22	Global well-posedness of a Navierâ€"Stokesâ€"Cahnâ€"Hilliard system with chemotaxis and singular potential in 2D. Journal of Differential Equations, 2021, 297, 47-80.	1.1	16
23	Prognostic Value of Lateral Pelvic Lymph Node Dissection for Rectal Cancer: A Meta-Analysis. Journal of Surgical Research, 2021, 267, 414-423.	0.8	6
24	Characterizing the fatigue cracking behaviors of OGFC pavements using the overlay tester. Construction and Building Materials, 2021, 307, 124979.	3.2	10
25	Field performance evaluation of open-graded asphalt friction courses: A survival data analysis. Construction and Building Materials, 2021, 306, 124745.	3.2	3
26	A novel four-gene of iron metabolism-related and methylated for prognosis prediction of hepatocellular carcinoma. Bioengineered, 2021, 12, 240-251.	1.4	15
27	A new candidate oncogenic lncRNA derived from pseudogene WFDC21P promotes tumor progression in gastric cancer. Cell Death and Disease, 2021, 12, 903.	2.7	16
28	Identification of m6A Regulator-Associated Methylation Modification Clusters and Immune Profiles in Melanoma. Frontiers in Cell and Developmental Biology, 2021, 9, 761134.	1.8	6
29	Transhiatal versus transthoracic surgical approach for Siewert type â…¡ adenocarcinoma of the esophagogastric junction: a meta-analysis. Expert Review of Gastroenterology and Hepatology, 2020, 14, 1107-1117.	1.4	8
30	Four Autophagy-Related lncRNAs Predict the Prognosis of HCC through Coexpression and ceRNA Mechanism. BioMed Research International, 2020, 2020, 1-19.	0.9	25
31	Prognostic effect of a novel long noncoding RNA signature and comparison with clinical staging systems for patients with hepatitis B virusâ€related hepatocellular carcinoma after hepatectomy. Journal of Digestive Diseases, 2020, 21, 650-663.	0.7	5
32	Seven immuneâ€related genes prognostic power and correlation with tumorâ€infiltrating immune cells in hepatocellular carcinoma. Cancer Medicine, 2020, 9, 7440-7452.	1.3	24
33	On a transmission problem for equation and dynamic boundary condition of Cahnâ€"Hilliard type with nonsmooth potentials. Mathematische Nachrichten, 2020, 293, 2051-2081.	0.4	10
34	Groundwater contamination risk assessment using intrinsic vulnerability, pollution loading and groundwater value: a case study in Yinchuan plain, China. Environmental Science and Pollution Research, 2020, 27, 45591-45604.	2.7	15
35	FN-EDA mediates angiogenesis of hepatic fibrosis via integrin-VEGFR2 in a CD63 synergetic manner. Cell Death Discovery, 2020, 6, 140.	2.0	12
36	Radiofrequency ablation versus repeat resection for recurrent hepatocellular carcinoma (â‰¤5 cm) after initial curative resection. European Radiology, 2020, 30, 6357-6368.	2.3	32

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37	Protective role of NRF2 in macrovascular complications of diabetes. Journal of Cellular and Molecular Medicine, 2020, 24, 8903-8917.	1.6	21
38	The Geometrical Demonstration of the Order of Resonant Saddle Points in $\mathbb{C}^2$. Qualitative Theory of Dynamical Systems, 2020, 19, 1.	0.8	1
39	MicroRNA-200a improves diabetic endothelial dysfunction by targeting KEAP1/NRF2. Journal of Endocrinology, 2020, 245, 129-140.	1.2	21
40	Dynamics and Flow Effects in the Beris-Edwards System Modeling Nematic Liquid Crystals. Archive for Rational Mechanics and Analysis, 2019, 231, 1217-1267.	1.1	19
41	An Energetic Variational Approach for the Cahn–Hilliard Equation with Dynamic Boundary Condition: Model Derivation and Mathematical Analysis. Archive for Rational Mechanics and Analysis, 2019, 233, 167-247.	1.1	60
42	Experimental Study on Moisture Susceptibility of Subgrade Soil with Superabsorbent Polymers. Journal of Materials in Civil Engineering, 2019, 31, .	1.3	17
43	Global Weak Solutions to a Diffuse Interface Model for Incompressible Two-Phase Flows with Moving Contact Lines and Different Densities. Archive for Rational Mechanics and Analysis, 2019, 234, 1-56.	1.1	24
44	Neuropilin-1 aggravates liver cirrhosis by promoting angiogenesis via VEGFR2-dependent PI3K/Akt pathway in hepatic sinusoidal endothelial cells. EBioMedicine, 2019, 43, 525-536.	2.7	37
45	P53/NRF2 mediates SIRT1's protective effect on diabetic nephropathy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1272-1281.	1.9	43
46	Inhibition of P53/miR–34a improves diabetic endothelial dysfunction via activation of SIRT1. Journal of Cellular and Molecular Medicine, 2019, 23, 3538-3548.	1.6	28
47	Case report of ascending colon cancer and multiple jejunal GISTs in a patient with neurofibromatosis type 1 (NF1). BMC Cancer, 2019, 19, 1196.	1.1	6
48	Improved partial trend method to detect rainfall trends in Hainan Island. Theoretical and Applied Climatology, 2019, 137, 2539-2547.	1.3	15
49	SRT2104 attenuates diabetes-induced aortic endothelial dysfunction via inhibition of P53. Journal of Endocrinology, 2018, 237, 1-14.	1.2	31
50	Blow-up for a three dimensional Keller–Segel model with consumption of chemoattractant. Journal of Differential Equations, 2018, 264, 5432-5464.	1.1	9
51	SP600125 suppresses Keap1 expression and results in NRF2-mediated prevention of diabetic nephropathy. Journal of Molecular Endocrinology, 2018, 60, 145-157.	1.1	25
52	The Cahn–Hilliard–Hele–Shaw system with singular potential. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2018, 35, 1079-1118.	0.7	44
53	MDM2 controls NRF2 antioxidant activity in prevention of diabetic kidney disease. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1034-1045.	1.9	24
54	The disseminated intravascular coagulation score is a novel predictor for portal vein thrombosis in cirrhotic patients with hepatitis B. Thrombosis Research, 2018, 161, 7-11.	0.8	12

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55	Thermodynamically consistent Navier–Stokes–Cahn–Hilliard models with mass transfer and chemotaxis. European Journal of Applied Mathematics, 2018, 29, 595-644.	1.4	24
56	Sodium butyrate attenuates diabetes-induced aortic endothelial dysfunction via P300-mediated transcriptional activation of Nrf2. Free Radical Biology and Medicine, 2018, 124, 454-465.	1.3	56
57	Dimethyl fumarate accelerates wound healing under diabetic conditions. Journal of Molecular Endocrinology, 2018, 61, 163-172.	1.1	28
58	Targeting Oxidative Stress in Diabetic Complications: New Insights. Journal of Diabetes Research, 2018, 2018, 1-2.	1.0	14
59	Detection of Anomalies and Changes of Rainfall in the Yellow River Basin, China, through Two Graphical Methods. Water (Switzerland), 2018, 10, 15.	1.2	24
60	MicroRNA-34a targets sirtuin 1 and leads to diabetes-induced testicular apoptotic cell death. Journal of Molecular Medicine, 2018, 96, 939-949.	1.7	19
61	AWSEM-IDP: A Coarse-Grained Force Field for Intrinsically Disordered Proteins. Journal of Physical Chemistry B, 2018, 122, 11115-11125.	1.2	90
62	Intrahepatic angiogenesis increases portal hypertension in hepatitis B patients with cirrhosis. Hepatology Research, 2017, 47, E94-E103.	1.8	6
63	Assessment of Agricultural Drought Vulnerability in the Guanzhong Plain, China. Water Resources Management, 2017, 31, 1557-1574.	1.9	58
64	Well-posedness of a diffuse-interface model for two-phase incompressible flows with thermo-induced Marangoni effect. European Journal of Applied Mathematics, 2017, 28, 380-434.	1.4	9
65	Efficacy and safety of combination therapy of chemoembolization and radiofrequency ablation with different time intervals for hepatocellular carcinoma patients. Surgical Oncology, 2017, 26, 236-241.	0.8	10
66	Epigallocatechin gallate upregulates NRF2 to prevent diabetic nephropathy via disabling KEAP1. Free Radical Biology and Medicine, 2017, 108, 840-857.	1.3	108
67	Optimal Boundary Control of a Simplified Ericksen–Leslie System for Nematic Liquid Crystal Flows in 2D. Archive for Rational Mechanics and Analysis, 2017, 224, 1037-1086.	1.1	16
68	Metallothionein Is Downstream of Nrf2 and Partially Mediates Sulforaphane Prevention of Diabetic Cardiomyopathy. Diabetes, 2017, 66, 529-542.	0.3	137
69	Sodium butyrate activates NRF2 to ameliorate diabetic nephropathy possibly via inhibition of HDAC. Journal of Endocrinology, 2017, 232, 71-83.	1.2	107
70	Innovative trend analysis of annual and seasonal rainfall and extreme values in Shaanxi, China, since the 1950s. International Journal of Climatology, 2017, 37, 2582-2592.	1.5	207
71	Association of Fucosyltransferase 2 Gene Polymorphisms with Inflammatory Bowel Disease in Patients from Southeast China. Gastroenterology Research and Practice, 2017, 2017, 1-6.	0.7	12
72	Sulforaphane Prevents Angiotensin II-Induced Testicular Cell Death via Activation of NRF2. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	1.9	12

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73	NRF2 Plays a Critical Role in Both Self and EGCG Protection against Diabetic Testicular Damage. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-13.	1.9	23
74	Diagnostic efficacy of noninvasive liver fibrosis indexes in predicting portal hypertension in patients with cirrhosis. PLoS ONE, 2017, 12, e0182969.	1.1	30
75	Spleen Stiffness Is Superior to Liver Stiffness for Predicting Esophageal Varices in Chronic Liver Disease: A Meta-Analysis. PLoS ONE, 2016, 11, e0165786.	1.1	94
76	Zinc delays the progression of obesity‐related glomerulopathy in mice via down‐regulating <scp>P</scp>38 <scp>MAPK</scp>‐mediated inflammation. Obesity, 2016, 24, 1244-1256.	1.5	23
77	C66 ameliorates diabetic nephropathy in mice by both upregulating NRF2 function via increase in miR-200a and inhibiting miR-21. Diabetologia, 2016, 59, 1558-1568.	2.9	81
78	Role of histone modification in 12-lipoxygenase-associated p21 gene regulation. Molecular Medicine Reports, 2016, 14, 3978-3984.	1.1	2
79	Global Strong Solutions of the Full Navier--Stokes and Q-Tensor System for Nematic Liquid Crystal Flows in Two Dimensions. SIAM Journal on Mathematical Analysis, 2016, 48, 1368-1399.	0.9	25
80	Aldehyde dehydrogenase 1A1 up-regulates stem cell markers in benzo[a]pyrene-induced malignant transformation of BEAS-2B cells. Environmental Toxicology and Pharmacology, 2016, 45, 241-250.	2.0	11
81	A modified DRASTIC model for assessing contamination risk of groundwater in the northern suburb of Yinchuan, China. Environmental Earth Sciences, 2016, 75, 1.	1.3	43
82	Sirtuin 1: A Target for Kidney Diseases. Molecular Medicine, 2015, 21, 87-97.	1.9	61
83	Chemical Characteristics and Quality Assessment of Groundwater of Exploited Aquifers in Beijiao Water Source of Yinchuan, China: A Case Study for Drinking, Irrigation, and Industrial Purposes. Journal of Chemistry, 2015, 2015, 1-14.	0.9	32
84	Is rs759853 polymorphism in promoter of aldose reductase gene a risk factor for diabetic nephropathy? A meta-analysis. European Journal of Medical Research, 2015, 20, 14.	0.9	9
85	Global existence and asymptotic behavior of solutions to a chemotaxis‐fluid system on general bounded domains. Asymptotic Analysis, 2015, 92, 249-258.	0.2	29
86	Well-posedness and long-time behavior of a non-autonomous Cahn‐Hilliard‐Darcy system with mass source modeling tumor growth. Journal of Differential Equations, 2015, 259, 3032-3077.	1.1	58
87	von Willebrand factor as a novel noninvasive predictor of portal hypertension and esophageal varices in hepatitis B patients with cirrhosis. Scandinavian Journal of Gastroenterology, 2015, 50, 1160-1169.	0.6	20
88	Diffusion Limit of Kinetic Equations for Multiple Species Charged Particles. Archive for Rational Mechanics and Analysis, 2015, 215, 419-441.	1.1	22
89	Metallothionein plays a prominent role in the prevention of diabetic nephropathy by sulforaphane via up-regulation of Nrf2. Free Radical Biology and Medicine, 2015, 89, 431-442.	1.3	73
90	Metallothionein deletion exacerbates intermittent hypoxia-induced renal injury in mice. Toxicology Letters, 2015, 232, 340-348.	0.4	52

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91	Novel curcumin analog C66 prevents diabetic nephropathy via JNK pathway with the involvement of p300/CBP-mediated histone acetylation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 34-46.	1.8	86
92	Robust exponential attractors for the modified phase-field crystal equation. Discrete and Continuous Dynamical Systems, 2015, 35, 2539-2564.	0.5	17
93	Long-time behavior and weak-strong uniqueness for incompressible viscoelastic flows. Discrete and Continuous Dynamical Systems, 2015, 35, 3437-3461.	0.5	23
94	The Role of MicroRNAs in Diabetic Nephropathy. Journal of Diabetes Research, 2014, 2014, 1-12.	1.0	75
95	Resveratrol Prevention of Diabetic Nephropathy Is Associated with the Suppression of Renal Inflammation and Mesangial Cell Proliferation: Possible Roles of Akt/NF-κB Pathway. International Journal of Endocrinology, 2014, 2014, 1-9.	0.6	65
96	Well-posedness and long-time behavior for the modified phase-field crystal equation. Mathematical Models and Methods in Applied Sciences, 2014, 24, 2743-2783.	1.7	23
97	Sulforaphane reduction of testicular apoptotic cell death in diabetic mice is associated with the upregulation of Nrf2 expression and function. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E14-E23.	1.8	77
98	Non-isothermal viscous Cahn-Hilliard equation with inertial term and dynamic boundary conditions. Communications on Pure and Applied Analysis, 2014, 13, 1855-1890.	0.4	12
99	Existence and uniqueness of global weak solutions to a Cahn–Hilliard–Stokes–Darcy system for two phase incompressible flows in karstic geometry. Journal of Differential Equations, 2014, 257, 3887-3933.	1.1	37
100	Clinical Analysis of Cause, Treatment and Prognosis in Acute Kidney Injury Patients. PLoS ONE, 2014, 9, e85214.	1.1	31
101	Analysis and simulation for an isotropic phase-field model describing grain growth. Discrete and Continuous Dynamical Systems - Series B, 2014, 19, 2227-2246.	0.5	0
102	Global weak solution and blow-up criterion of the general Ericksen–Leslie system for nematic liquid crystal flows. Journal of Differential Equations, 2013, 255, 24-57.	1.1	39
103	Long-Time Behavior for a Hydrodynamic Model on Nematic Liquid Crystal Flows with Asymptotic Stabilizing Boundary Condition and External Force. SIAM Journal on Mathematical Analysis, 2013, 45, 965-1002.	0.9	16
104	Global Solution to the Three-Dimensional Compressible Flow of Liquid Crystals. SIAM Journal on Mathematical Analysis, 2013, 45, 2678-2699.	0.9	42
105	On the General Ericksen–Leslie System: Parodi's Relation, Well-Posedness and Stability. Archive for Rational Mechanics and Analysis, 2013, 208, 59-107.	1.1	72
106	Strong Solutions, Global Regularity, and Stability of a Hydrodynamic System Modeling Vesicle and Fluid Interactions. SIAM Journal on Mathematical Analysis, 2013, 45, 181-214.	0.9	11
107	Hepatitis C Virus-related Heat-insoluble Cryoglobulinemia and Thrombotic Microangiopathy. American Journal of the Medical Sciences, 2013, 346, 345-348.	0.4	9
108	Global solution to the drift-diffusion-Poisson system for semiconductors with nonlinear recombination-generation rate. Asymptotic Analysis, 2013, 85, 75-105.	0.2	3

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109	Aberrant expression of Treg-associated cytokine IL-35 along with IL-10 and TGF-β in acute myeloid leukemia. Oncology Letters, 2012, 3, 1119-1123.	0.8	63
110	Global Existence for the Generalized Two-Component Hunter–Saxton System. Journal of Mathematical Fluid Mechanics, 2012, 14, 455-469.	0.4	28
111	Asymptotic behavior for a nematic liquid crystal model with different kinematic transport properties. Calculus of Variations and Partial Differential Equations, 2012, 45, 319-345.	0.9	35
112	Long-time behavior for the Hele–Shaw–Cahn–Hilliard system. Asymptotic Analysis, 2012, 78, 217-245.	0.2	39
113	Finite dimensional global and exponential attractors for a class of coupled time-dependent Ginzburg-Landau equations. Science China Mathematics, 2012, 55, 141-157.	0.8	3
114	Finite Dimensional Reduction and Convergence to Equilibrium for Incompressible Smectic-A Liquid Crystal Flows. SIAM Journal on Mathematical Analysis, 2011, 43, 2445-2481.	0.9	14
115	A note on parabolic equation with nonlinear dynamical boundary condition. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 3028-3048.	0.6	25
116	Convergence to Equilibrium for Parabolic-Hyperbolic Time-Dependent Ginzburg–Landau–Maxwell Equations. SIAM Journal on Mathematical Analysis, 2009, 40, 2007-2033.	0.9	6
117	Long-time behavior for a nonlinear plate equation with thermal memory. Journal of Mathematical Analysis and Applications, 2008, 348, 650-670.	0.5	28
118	Convergence to equilibrium for a parabolic–hyperbolic phase-field system with dynamical boundary condition. Journal of Mathematical Analysis and Applications, 2007, 329, 948-976.	0.5	19
119	Convergence to equilibrium for the Cahn–Hilliard equation with dynamic boundary conditions. Journal of Differential Equations, 2004, 204, 511-531.	1.1	86