## Hao Wu

## List of Publications by Year in descending order

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147801 175258 3,670 119 31 52 citations h-index g-index papers 122 122 122 3909 citing authors docs citations times ranked all docs

#	Article	IF	CITATIONS
1	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.	3.5	207
2	m <sup>6</sup> A regulator-based methylation modification patterns characterized by distinct tumor microenvironment immune profiles in colon cancer. Theranostics, 2021, 11, 2201-2217.	10.0	148
3	Metallothionein Is Downstream of Nrf2 and Partially Mediates Sulforaphane Prevention of Diabetic Cardiomyopathy. Diabetes, 2017, 66, 529-542.	0.6	137
4	Epigallocatechin gallate upregulates NRF2 to prevent diabetic nephropathy via disabling KEAP1. Free Radical Biology and Medicine, 2017, 108, 840-857.	2.9	108
5	Sodium butyrate activates NRF2 to ameliorate diabetic nephropathy possibly via inhibition of HDAC. Journal of Endocrinology, 2017, 232, 71-83.	2.6	107
6	Spleen Stiffness Is Superior to Liver Stiffness for Predicting Esophageal Varices in Chronic Liver Disease: A Meta-Analysis. PLoS ONE, 2016, 11, e0165786.	2.5	94
7	AWSEM-IDP: A Coarse-Grained Force Field for Intrinsically Disordered Proteins. Journal of Physical Chemistry B, 2018, 122, 11115-11125.	2.6	90
8	Convergence to equilibrium for the Cahn–Hilliard equation with dynamic boundary conditions. Journal of Differential Equations, 2004, 204, 511-531.	2.2	86
9	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.	3.8	86
10	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.	6.3	81
11	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.	3.5	77
12	The Role of MicroRNAs in Diabetic Nephropathy. Journal of Diabetes Research, 2014, 2014, 1-12.	2.3	75
13	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.	2.9	73
14	On the General Ericksen–Leslie System: Parodi's Relation, Well-Posedness and Stability. Archive for Rational Mechanics and Analysis, 2013, 208, 59-107.	2.4	72
15	Resveratrol Prevention of Diabetic Nephropathy is Associated with the Suppression of Renal Inflammation and Mesangial Cell Proliferation: Possible Roles of Akt/NF- <mml:math m1"="" xmlns:mml="http://www.w3.org/1998/Math/Math/Mid="><mml:mrow><mml:mi mathvariant="bold">κ</mml:mi></mml:mrow></mml:math> B Pathway. International Journal of	1.5	65
16	Endocrinology, 2014, 2014, 19.  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.	1.8	63
17	Sirtuin 1: A Target for Kidney Diseases. Molecular Medicine, 2015, 21, 87-97.	4.4	61
18	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.	2.4	60

#	Article	IF	CITATIONS
19	Well-posedness and long-time behavior of a non-autonomous Cahnâ€"Hilliardâ€"Darcy system with mass source modeling tumor growth. Journal of Differential Equations, 2015, 259, 3032-3077.	2.2	58
20	Assessment of Agricultural Drought Vulnerability in the Guanzhong Plain, China. Water Resources Management, 2017, 31, 1557-1574.	3.9	58
21	Sodium butyrate attenuates diabetes-induced aortic endothelial dysfunction via P300-mediated transcriptional activation of Nrf2. Free Radical Biology and Medicine, 2018, 124, 454-465.	2.9	56
22	Metallothionein deletion exacerbates intermittent hypoxia-induced renal injury in mice. Toxicology Letters, 2015, 232, 340-348.	0.8	52
23	The role and application of small extracellular vesicles in gastric cancer. Molecular Cancer, 2021, 20, 71.	19.2	51
24	The Cahn–Hilliard–Hele–Shaw system with singular potential. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2018, 35, 1079-1118.	1.4	44
25	A modified DRASTIC model for assessing contamination risk of groundwater in the northern suburb of Yinchuan, China. Environmental Earth Sciences, 2016, 75, 1.	2.7	43
26	P53/NRF2 mediates SIRT1's protective effect on diabetic nephropathy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1272-1281.	4.1	43
27	Global Solution to the Three-Dimensional Compressible Flow of Liquid Crystals. SIAM Journal on Mathematical Analysis, 2013, 45, 2678-2699.	1.9	42
28	Long-time behavior for the Hele–Shaw–Cahn–Hilliard system. Asymptotic Analysis, 2012, 78, 217-245.	0.5	39
29	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.	2.2	39
30	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.	2.2	37
31	Neuropilin-1 aggravates liver cirrhosis by promoting angiogenesis via VEGFR2-dependent PI3K/Akt pathway in hepatic sinusoidal endothelial cells. EBioMedicine, 2019, 43, 525-536.	6.1	37
32	Asymptotic behavior for a nematic liquid crystal model with different kinematic transport properties. Calculus of Variations and Partial Differential Equations, 2012, 45, 319-345.	1.7	35
33	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.	6.3	34
34	Long-Time Dynamics and Optimal Control of a Diffuse Interface Model for Tumor Growth. Applied Mathematics and Optimization, 2021, 83, 739-787.	1.6	33
35	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.	1.9	32
36	Radiofrequency ablation versus repeat resection for recurrent hepatocellular carcinoma (â‰埓 cm) after initial curative resection. European Radiology, 2020, 30, 6357-6368.	4.5	32

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37	SRT2104 attenuates diabetes-induced aortic endothelial dysfunction via inhibition of P53. Journal of Endocrinology, 2018, 237, 1-14.	2.6	31
38	Clinical Analysis of Cause, Treatment and Prognosis in Acute Kidney Injury Patients. PLoS ONE, 2014, 9, e85214.	2.5	31
39	Diagnostic efficacy of noninvasive liver fibrosis indexes in predicting portal hypertension in patients with cirrhosis. PLoS ONE, 2017, 12, e0182969.	2.5	30
40	Global existence and asymptotic behavior of solutions to a chemotaxis–fluid system on general bounded domains. Asymptotic Analysis, 2015, 92, 249-258.	0.5	29
41	Long-time behavior for a nonlinear plate equation with thermal memory. Journal of Mathematical Analysis and Applications, 2008, 348, 650-670.	1.0	28
42	Global Existence for the Generalized Two-Component Hunter–Saxton System. Journal of Mathematical Fluid Mechanics, 2012, 14, 455-469.	1.0	28
43	Dimethyl fumarate accelerates wound healing under diabetic conditions. Journal of Molecular Endocrinology, 2018, 61, 163-172.	2.5	28
44	Inhibition of P53/miRâ€34a improves diabetic endothelial dysfunction via activation of SIRT1. Journal of Cellular and Molecular Medicine, 2019, 23, 3538-3548.	3.6	28
45	A note on parabolic equation with nonlinear dynamical boundary condition. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 3028-3048.	1.1	25
46	Global Strong Solutions of the Full NavierStokes and \$Q\$-Tensor System for Nematic Liquid Crystal Flows in Two Dimensions. SIAM Journal on Mathematical Analysis, 2016, 48, 1368-1399.	1.9	25
47	SP600125 suppresses Keap1 expression and results in NRF2-mediated prevention of diabetic nephropathy. Journal of Molecular Endocrinology, 2018, 60, 145-157.	2.5	25
48	Four Autophagy-Related IncRNAs Predict the Prognosis of HCC through Coexpression and ceRNA Mechanism. BioMed Research International, 2020, 2020, 1-19.	1.9	25
49	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.	5.1	25
50	MDM2 controls NRF2 antioxidant activity in prevention of diabetic kidney disease. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1034-1045.	4.1	24
51	Thermodynamically consistent Navier–Stokes–Cahn–Hilliard models with mass transfer and chemotaxis. European Journal of Applied Mathematics, 2018, 29, 595-644.	2.9	24
52	Detection of Anomalies and Changes of Rainfall in the Yellow River Basin, China, through Two Graphical Methods. Water (Switzerland), 2018, 10, 15.	2.7	24
53	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.	2.4	24
54	Seven immuneâ€related genes prognostic power and correlation with tumorâ€infiltrating immune cells in hepatocellular carcinoma. Cancer Medicine, 2020, 9, 7440-7452.	2.8	24

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55	Well-posedness and long-time behavior for the modified phase-field crystal equation. Mathematical Models and Methods in Applied Sciences, 2014, 24, 2743-2783.	3.3	23
56	Zinc delays the progression of obesityâ€related glomerulopathy in mice via downâ€regulating <scp>P</scp> 38 <scp>MAPK</scp> â€mediated inflammation. Obesity, 2016, 24, 1244-1256.	3.0	23
57	NRF2 Plays a Critical Role in Both Self and EGCG Protection against Diabetic Testicular Damage. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-13.	4.0	23
58	Optimal Distributed Control of a Cahn–Hilliard–Darcy System with Mass Sources. Applied Mathematics and Optimization, 2021, 83, 489-530.	1.6	23
59	Long-time behavior and weak-strong uniqueness for incompressible viscoelastic flows. Discrete and Continuous Dynamical Systems, 2015, 35, 3437-3461.	0.9	23
60	Diffusion Limit of Kinetic Equations for Multiple Species Charged Particles. Archive for Rational Mechanics and Analysis, 2015, 215, 419-441.	2.4	22
61	Protective role of NRF2 in macrovascular complications of diabetes. Journal of Cellular and Molecular Medicine, 2020, 24, 8903-8917.	3.6	21
62	MicroRNA-200a improves diabetic endothelial dysfunction by targeting KEAP1/NRF2. Journal of Endocrinology, 2020, 245, 129-140.	2.6	21
63	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.	1.5	20
64	Convergence to equilibrium for a parabolic–hyperbolic phase-field system with dynamical boundary condition. Journal of Mathematical Analysis and Applications, 2007, 329, 948-976.	1.0	19
65	MicroRNA-34a targets sirtuin 1 and leads to diabetes-induced testicular apoptotic cell death. Journal of Molecular Medicine, 2018, 96, 939-949.	3.9	19
66	Dynamics and Flow Effects in the Beris-Edwards System Modeling Nematic Liquid Crystals. Archive for Rational Mechanics and Analysis, 2019, 231, 1217-1267.	2.4	19
67	An Intelligent Nanovehicle Armed with Multifunctional Navigation for Precise Delivery of Tollâ€Like Receptor 7/8ÂAgonist and Immunogenic Cell Death Amplifiers to Eliminate Solid Tumors and Trigger Durable Antitumor Immunity. Advanced Healthcare Materials, 2022, 11, e2102739.	7.6	18
68	Experimental Study on Moisture Susceptibility of Subgrade Soil with Superabsorbent Polymers. Journal of Materials in Civil Engineering, 2019, 31, .	2.9	17
69	Robust exponential attractors for the modified phase-field crystal equation. Discrete and Continuous Dynamical Systems, 2015, 35, 2539-2564.	0.9	17
70	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.	1.9	16
71	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.	2.4	16
72	Global well-posedness of a Navier–Stokes–Cahn–Hilliard system with chemotaxis and singular potential in 2D. Journal of Differential Equations, 2021, 297, 47-80.	2,2	16

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73	A new candidate oncogenic IncRNA derived from pseudogene WFDC21P promotes tumor progression in gastric cancer. Cell Death and Disease, 2021, 12, 903.	6.3	16
74	Improved partial trend method to detect rainfall trends in Hainan Island. Theoretical and Applied Climatology, 2019, 137, 2539-2547.	2.8	15
75	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.	5.3	15
76	A novel four-gene of iron metabolism-related and methylated for prognosis prediction of hepatocellular carcinoma. Bioengineered, 2021, 12, 240-251.	3.2	15
77	Finite Dimensional Reduction and Convergence to Equilibrium for Incompressible Smectic-A Liquid Crystal Flows. SIAM Journal on Mathematical Analysis, 2011, 43, 2445-2481.	1.9	14
78	Targeting Oxidative Stress in Diabetic Complications: New Insights. Journal of Diabetes Research, 2018, 2018, 1-2.	2.3	14
79	Krill Oil Inhibits NLRP3 Inflammasome Activation in the Prevention of the Pathological Injuries of Diabetic Cardiomyopathy. Nutrients, 2022, 14, 368.	4.1	13
80	Non-isothermal viscous Cahn-Hilliard equation with inertial term and dynamic boundary conditions. Communications on Pure and Applied Analysis, 2014, 13, 1855-1890.	0.8	12
81	Association of Fucosyltransferase 2 Gene Polymorphisms with Inflammatory Bowel Disease in Patients from Southeast China. Gastroenterology Research and Practice, 2017, 2017, 1-6.	1.5	12
82	Sulforaphane Prevents Angiotensin II-Induced Testicular Cell Death via Activation of NRF2. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	4.0	12
83	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.	1.7	12
84	FN-EDA mediates angiogenesis of hepatic fibrosis via integrin-VEGFR2 in a CD63 synergetic manner. Cell Death Discovery, 2020, $6$ , $140$ .	4.7	12
85	The Role of Palmitoleic Acid in Regulating Hepatic Gluconeogenesis through SIRT3 in Obese Mice. Nutrients, 2022, 14, 1482.	4.1	12
86	Strong Solutions, Global Regularity, and Stability of a Hydrodynamic System Modeling Vesicle and Fluid Interactions. SIAM Journal on Mathematical Analysis, 2013, 45, 181-214.	1.9	11
87	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.	4.0	11
88	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.	1.6	10
89	On a transmission problem for equation and dynamic boundary condition of Cahn–Hilliard type with nonsmooth potentials. Mathematische Nachrichten, 2020, 293, 2051-2081.	0.8	10
90	Characterizing the fatigue cracking behaviors of OGFC pavements using the overlay tester. Construction and Building Materials, 2021, 307, 124979.	7.2	10

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91	Brussels Chicory Stabilizes Unstable Atherosclerotic Plaques and Reshapes the Gut Microbiota in Apoeâ~'/â~' Mice. Journal of Nutrition, 2022, 152, 2209-2217.	2.9	10
92	Hepatitis C Virus-related Heat-insoluble Cryoglobulinemia and Thrombotic Microangiopathy. American Journal of the Medical Sciences, 2013, 346, 345-348.	1.1	9
93	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.	2.2	9
94	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.	2.9	9
95	Blow-up for a three dimensional Keller–Segel model with consumption of chemoattractant. Journal of Differential Equations, 2018, 264, 5432-5464.	2.2	9
96	Clinical features of gastric duplications: evidence from primary case reports and published data. Orphanet Journal of Rare Diseases, 2021, 16, 368.	2.7	9
97	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.	3.0	8
98	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.	3.0	8
99	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.	5.2	8
100	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.	1.5	7
101	Convergence to Equilibrium for Parabolic-Hyperbolic Time-Dependent Ginzburg–Landau–Maxwell Equations. SIAM Journal on Mathematical Analysis, 2009, 40, 2007-2033.	1.9	6
102	Intrahepatic angiogenesis increases portal hypertension in hepatitis B patients with cirrhosis. Hepatology Research, 2017, 47, E94-E103.	3.4	6
103	Case report of ascending colon cancer and multiple jejunal GISTs in a patient with neurofibromatosis type 1 (NF1). BMC Cancer, 2019, 19, 1196.	2.6	6
104	Prognostic Value of Lateral Pelvic Lymph Node Dissection for Rectal Cancer: A Meta-Analysis. Journal of Surgical Research, 2021, 267, 414-423.	1.6	6
105	Identification of m6A Regulator-Associated Methylation Modification Clusters and Immune Profiles in Melanoma. Frontiers in Cell and Developmental Biology, 2021, 9, 761134.	3.7	6
106	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.	1.5	5
107	Krill oil prevents lipopolysaccharide-evoked acute liver injury in mice through inhibition of oxidative stress and inflammation. Food and Function, 2022, 13, 3853-3864.	4.6	4
108	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.	1.9	4

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109	Finite dimensional global and exponential attractors for a class of coupled time-dependent Ginzburg-Landau equations. Science China Mathematics, 2012, 55, 141-157.	1.7	3
110	Global solution to the drift-diffusion-Poisson system for semiconductors with nonlinear recombination-generation rate. Asymptotic Analysis, 2013, 85, 75-105.	0.5	3
111	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.	1.9	3
112	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.	3.3	3
113	Field performance evaluation of open-graded asphalt friction courses: A survival data analysis. Construction and Building Materials, 2021, 306, 124745.	7.2	3
114	Role of histone modification in 12-lipoxygenase-associated p21 gene regulation. Molecular Medicine Reports, 2016, 14, 3978-3984.	2.4	2
115	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.	1.9	2
116	The Geometrical Demonstration of the Order of Resonant Saddle Points in ${C}}^2$ . Qualitative Theory of Dynamical Systems, 2020, 19, 1.	1.7	1
117	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.	2.8	1
118	Analysis and simulation for an isotropic phase-field model describing grain growth. Discrete and Continuous Dynamical Systems - Series B, 2014, 19, 2227-2246.	0.9	0
119	Normal Forms for Difference and Differential Systems. Qualitative Theory of Dynamical Systems, 2022, 21, 1.	1.7	0