

# Changsong Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

1,507  
citations

279798

23  
h-index

361022

35  
g-index

71  
all docs

71  
docs citations

71  
times ranked

2368  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Metabolic Profiling Identifies a Pivotal Role of Proline and Hydroxyproline Metabolism in Supporting Hypoxic Response in Hepatocellular Carcinoma. <i>Clinical Cancer Research</i> , 2018, 24, 474-485.	7.0	94
2	Noninvasive detection of colorectal cancer by analysis of exhaled breath. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4757-4763.	3.7	76
3	Heparin therapy reduces 28-day mortality in adult severe sepsis patients: a systematic review and meta-analysis. <i>Critical Care</i> , 2014, 18, 563.	5.8	75
4	Exhaled volatile organic compounds as lung cancer biomarkers during one-lung ventilation. <i>Scientific Reports</i> , 2014, 4, 7312.	3.3	66
5	Blood volatile compounds as biomarkers for colorectal cancer. <i>Cancer Biology and Therapy</i> , 2014, 15, 200-206.	3.4	61
6	Volatile Organic Metabolites Identify Patients with Breast Cancer, Cyclomastopathy and Mammary Gland Fibroma. <i>Scientific Reports</i> , 2014, 4, 5383.	3.3	57
7	Exhaled breath volatile biomarker analysis for thyroid cancer. <i>Translational Research</i> , 2015, 166, 188-195.	5.0	53
8	Immunonutrition vs Standard Nutrition for Cancer Patients: A Systematic Review and Meta-Analysis (Part 1). <i>Journal of Parenteral and Enteral Nutrition</i> , 2020, 44, 742-767.	2.6	49
9	IL-6 may be a good biomarker for earlier detection of COVID-19 progression. <i>Intensive Care Medicine</i> , 2020, 46, 1475-1476.	8.2	49
10	The Effects of Electroacupuncture at the ST36 (Zusanli) Acupoint on Cancer Pain and Transient Receptor Potential Vanilloid Subfamily 1 Expression in Walker 256 Tumor-Bearing Rats. <i>Anesthesia and Analgesia</i> , 2012, 114, 879-885.	2.2	46
11	Electroacupuncture at St36 Accelerates the Recovery of Gastrointestinal Motility after Colorectal Surgery: A Randomised Controlled Trial. <i>Acupuncture in Medicine</i> , 2014, 32, 223-226.	1.0	45
12	Effectiveness of antimicrobial-coated central venous catheters for preventing catheter-related blood-stream infections with the implementation of bundles: a systematic review and network meta-analysis. <i>Annals of Intensive Care</i> , 2018, 8, 71.	4.6	44
13	Low-Dose Hydrocortisone Therapy Attenuates Septic Shock in Adult Patients but Does Not Reduce 28-Day Mortality. <i>Anesthesia and Analgesia</i> , 2014, 118, 346-357.	2.2	42
14	Higher platelet distribution width predicts poor prognosis in laryngeal cancer. <i>Oncotarget</i> , 2017, 8, 48138-48144.	1.8	42
15	Volatile organic metabolites identify patients with gastric carcinoma, gastric ulcer, or gastritis and control patients. <i>Cancer Cell International</i> , 2017, 17, 108.	4.1	39
16	Mechanical ventilation strategies for intensive care unit patients without acute lung injury or acute respiratory distress syndrome: a systematic review and network meta-analysis. <i>Critical Care</i> , 2016, 20, 226.	5.8	35
17	Determination of fentanyl in human breath by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2009, 91, 149-152.	4.5	34
18	Loganin alleviates sepsis-induced acute lung injury by regulating macrophage polarization and inhibiting NLRP3 inflammasome activation. <i>International Immunopharmacology</i> , 2021, 95, 107529.	3.8	32

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19	Urinary volatile organic compounds as potential biomarkers for renal cell carcinoma. <i>Biomedical Reports</i> , 2016, 5, 68-72.	2.0	29
20	Mechanical ventilation modes for respiratory distress syndrome in infants: a systematic review and network meta-analysis. <i>Critical Care</i> , 2015, 19, 108.	5.8	28
21	Lung ventilation function characteristics of survivors from severe COVID-19: a prospective study. <i>Critical Care</i> , 2020, 24, 300.	5.8	26
22	Blockade of PDE4B limits lung vascular permeability and lung inflammation in LPS-induced acute lung injury. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 1560-1567.	2.1	25
23	Lung ventilation strategies for acute respiratory distress syndrome: a systematic review and network meta-analysis. <i>Scientific Reports</i> , 2016, 6, 22855.	3.3	25
24	Effects of Sevoflurane Inhalation Anesthesia on the Intestinal Microbiome in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 633527.	3.9	23
25	Sedative drugs used for mechanically ventilated patients in intensive care units: a systematic review and network meta-analysis. <i>Current Medical Research and Opinion</i> , 2019, 35, 435-446.	1.9	22
26	Lactate up-regulates the expression of PD-L1 in kidney and causes immunosuppression in septic Acute Renal Injury. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 404-410.	3.1	21
27	Loganin Attenuates Septic Acute Renal Injury with the Participation of AKT and Nrf2/HO-1 Signaling Pathways. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 501-513.	4.3	19
28	Cytokine Levels in the Body Fluids of a Patient With COVID-19 and Acute Respiratory Distress Syndrome: A Case Report. <i>Annals of Internal Medicine</i> , 2020, 173, 499-501.	3.9	18
29	Lack of Preemptive Analgesia by Intravenous Flurbiprofen in Thyroid Gland Surgery: A Randomized, Double-blind and Placebo-controlled Clinical Trial. <i>International Journal of Medical Sciences</i> , 2011, 8, 433-438.	2.5	17
30	Trap-and-release membrane inlet ion mobility spectrometry for on-line measurement of trace propofol in exhaled air. <i>Analytical Methods</i> , 2014, 6, 698-703.	2.7	16
31	Identification of distinct clinical phenotypes of acute respiratory distress syndrome with differential responses to treatment. <i>Critical Care</i> , 2021, 25, 320.	5.8	16
32	Effects of Propofol on Several Membrane Characteristics of Cervical Cancer Cell Lines. <i>Cellular Physiology and Biochemistry</i> , 2016, 40, 172-182.	1.6	14
33	Comparative Analysis of VOCs in Exhaled Breath of Amyotrophic Lateral Sclerosis and Cervical Spondylotic Myelopathy Patients. <i>Scientific Reports</i> , 2016, 6, 26120.	3.3	14
34	Effects of continuous intravenous infusion of propofol on intestinal flora in rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111080.	5.6	14
35	Time-resolved dynamic dilution introduction for ion mobility spectrometry and its application in end-tidal propofol monitoring. <i>Journal of Breath Research</i> , 2015, 9, 016002.	3.0	13
36	Improved Analytical Performance of Negative <sup>63</sup> Ni Ion Mobility Spectrometry for On-line Measurement of Propofol Using Dichloromethane as Dopant. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 190-193.	2.8	13

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37	Urine volatile organic compounds as biomarkers for minimal change type nephrotic syndrome. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 58-63.	2.1	13
38	Continuous Renal Replacement Therapy With oXiris Filter May Not be an Effective Resolution to Alleviate Cytokine Release Syndrome in Non-AKI Patients With Severe and Critical COVID-19. <i>Frontiers in Pharmacology</i> , 2022, 13, 817793.	3.5	13
39	Volatile Organic Metabolites Identify Patients with Mesangial Proliferative Glomerulonephritis, IgA Nephropathy and Normal Controls. <i>Scientific Reports</i> , 2015, 5, 14744.	3.3	12
40	Evaluating the Long, Short, and Oblique Axis Approaches for Ultrasound-Guided Vascular Access Cannulation. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 347-355.	1.7	11
41	Effects of immunotherapy on mortality in neonates with suspected or proven sepsis: a systematic review and network meta-analysis. <i>BMC Pediatrics</i> , 2019, 19, 270.	1.7	11
42	Breath pentane: an indicator for early and continuous monitoring of lipid peroxidation in hepatic ischaemia-reperfusion injury. <i>European Journal of Anaesthesiology</i> , 2009, 26, 513-519.	1.7	10
43	Cytokine Storm May Not Be the Chief Culprit for the Deterioration of COVID-19. <i>Viral Immunology</i> , 2020, 34, 336-341.	1.3	10
44	Increased levels of myeloid-derived suppressor cells in esophageal cancer patients is associated with the complication of sepsis. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 109864.	5.6	10
45	Recurrent somatic mutations of <i>PRKAR1A</i> in isolated cardiac myxoma. <i>Oncotarget</i> , 2017, 8, 103968-103974.	1.8	10
46	Blood Volatile Organic Compounds as Potential Biomarkers for Amyotrophic Lateral Sclerosis: an Animal Study in the SOD1 G93A Mouse. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 167-173.	2.3	9
47	Determination of volatile organic compounds in SW620 colorectal cancer cells and tumor-bearing mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 167, 30-37.	2.8	9
48	Analysis of volatile organic compounds released from SW480 colorectal cancer cells and the blood of tumor-bearing mice. <i>Translational Cancer Research</i> , 2019, 8, 2736-2751.	1.0	9
49	Release of volatile organic compounds (VOCs) from colorectal cancer cell line LS174T. <i>Analytical Biochemistry</i> , 2019, 581, 113340.	2.4	8
50	Efficacy and safety of thromboprophylaxis in cancer patients: a systematic review and meta-analysis. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592090754.	3.2	8
51	Breath Pentane as a Potential Biomarker for Survival in Hepatic Ischemia and Reperfusion Injury: A Pilot Study. <i>PLoS ONE</i> , 2012, 7, e44940.	2.5	7
52	Dopant titrating ion mobility spectrometry for trace exhaled nitric oxide detection. <i>Journal of Breath Research</i> , 2015, 9, 016003.	3.0	7
53	Intestinal microbiota and antibiotic-associated acute gastrointestinal injury in sepsis mice. <i>Aging</i> , 2021, 13, 10099-10111.	3.1	7
54	Effects of Immunonutrition on Chemoradiotherapy Patients: A Systematic Review and Meta-Analysis. <i>Journal of Parenteral and Enteral Nutrition</i> , 2020, 44, 768-778.	2.6	6

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55	Decreased T Cell Levels in Critically Ill Coronavirus Patients: Single-Center, Prospective and Observational Study. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 1331-1340.	3.5	6
56	Cytokine levels in sputum, not serum, may be more helpful for indicating the damage in the lung and the prognosis of severe COVID-19 – A case series. <i>Journal of Infection</i> , 2021, 83, e6-e9.	3.3	6
57	Effects of different ventilation strategies on exhaled nitric oxide in geriatric abdominal surgery. <i>Journal of Breath Research</i> , 2015, 9, 016006.	3.0	5
58	Influence of guide wire removal on tip location in peripherally inserted central catheters (PICCs): a retrospective cross-sectional study. <i>BMJ Open</i> , 2019, 9, e027278.	1.9	5
59	Volatile Organic Compounds to Identify Infectious (Bacteria/Viruses) Diseases of the Central Nervous System: A Pilot Study. <i>European Neurology</i> , 2021, 84, 325-332.	1.4	5
60	Measurement of pentane in expiratory gas during rabbit hepatic ischemia/reperfusion by solid-phase microextraction and gas chromatography–mass spectrometry (SPME GC/MS). <i>Journal of Breath Research</i> , 2012, 6, 026003.	3.0	4
61	Effects of prone and lateral positioning alternate in high-flow nasal cannula patients with severe COVID-19. <i>Critical Care</i> , 2022, 26, 28.	5.8	4
62	Preoperative FeNO as a screening indicator of pulmonary complications after abdominal surgery in patients over 60 years old. <i>Journal of Breath Research</i> , 2015, 9, 036004.	3.0	3
63	Pragmatic studies for acute kidney injury: Consensus report of the Acute Disease Quality Initiative (ADQI) 19 Workgroup. <i>Journal of Critical Care</i> , 2018, 44, 337-344.	2.2	3
64	The value of plasma pro-enkephalin and adrenomedullin for the prediction of sepsis-associated acute kidney injury in critically ill patients. <i>Critical Care</i> , 2020, 24, 162.	5.8	3
65	Risk Factors for Candidemia in Critically Ill Patients: A Systematic Review and Meta-Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
66	Analysis of Volatile Organic Compounds Released from SW480 Colorectal Cancer Cells and from the Blood of the Tumor-Bearing Mice. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
67	Immunonutrition Versus Standard Nutrition for Cancer Patients: A Systematic Review and Meta-Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0