

# Cai-Mei Zheng

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,014  
citations

393982

19  
h-index

525886

27  
g-index

63  
all docs

63  
docs citations

63  
times ranked

1475  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycated albumin in diabetic patients with chronic kidney disease. <i>Clinica Chimica Acta</i> , 2012, 413, 1555-1561.	0.5	62
2	Molecular Mechanisms of SGLT2 Inhibitor on Cardiorenal Protection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7833.	1.8	46
3	Indoxyl Sulfate, a Tubular Toxin, Contributes to the Development of Chronic Kidney Disease. <i>Toxins</i> , 2020, 12, 684.	1.5	44
4	Immunological Aspects of SARS-CoV-2 Infection and the Putative Beneficial Role of Vitamin-D. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5251.	1.8	43
5	Calcitriol Treatment Attenuates Inflammation and Oxidative Stress in Hemodialysis Patients with Secondary Hyperparathyroidism. <i>Tohoku Journal of Experimental Medicine</i> , 2011, 223, 153-159.	0.5	40
6	Novel Evidence of Acute Kidney Injury in COVID-19. <i>Journal of Clinical Medicine</i> , 2020, 9, 3547.	1.0	39
7	Sirtuin-1 and Its Relevance in Vascular Calcification. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1593.	1.8	35
8	Bone loss in chronic kidney disease: Quantity or quality?. <i>Bone</i> , 2016, 87, 57-70.	1.4	34
9	Vitamin D and immune function in chronic kidney disease. <i>Clinica Chimica Acta</i> , 2015, 450, 135-144.	0.5	32
10	Putative Role of Vitamin D for COVID-19 Vaccination. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8988.	1.8	32
11	Emerging Role of Vitamins D and K in Modulating Uremic Vascular Calcification: The Aspect of Passive Calcification. <i>Nutrients</i> , 2019, 11, 152.	1.7	29
12	Role of Vitamin D in Uremic Vascular Calcification. <i>BioMed Research International</i> , 2017, 2017, 1-13.	0.9	28
13	Metabolic Acidosis and Strong Ion Gap in Critically Ill Patients with Acute Kidney Injury. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	24
14	Far-infrared protects vascular endothelial cells from advanced glycation end products-induced injury via PLZF-mediated autophagy in diabetic mice. <i>Scientific Reports</i> , 2017, 7, 40442.	1.6	24
15	The Emerging Role of Nutritional Vitamin D in Secondary Hyperparathyroidism in CKD. <i>Nutrients</i> , 2018, 10, 1890.	1.7	24
16	Novel Molecular Evidence Related to COVID-19 in Patients with Diabetes Mellitus. <i>Journal of Clinical Medicine</i> , 2020, 9, 3962.	1.0	24
17	Concentration and Duration of Indoxyl Sulfate Exposure Affects Osteoclastogenesis by Regulating NFATc1 via Aryl Hydrocarbon Receptor. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3486.	1.8	24
18	Indoxyl-Sulfate-Induced Redox Imbalance in Chronic Kidney Disease. <i>Antioxidants</i> , 2021, 10, 936.	2.2	24

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19	Perspective Adjunctive Therapies for COVID-19: Beyond Antiviral Therapy. <i>International Journal of Medical Sciences</i> , 2021, 18, 314-324.	1.1	24
20	Relationship between body mass index and renal function deterioration among the Taiwanese chronic kidney disease population. <i>Scientific Reports</i> , 2018, 8, 6908.	1.6	22
21	Diabetic Retinopathy as a Risk Factor for Chronic Kidney Disease Progression: A Multicenter Caseâ€“Control Study in Taiwan. <i>Nutrients</i> , 2019, 11, 509.	1.7	22
22	Endothelial Progenitor Cells Predict Long-Term Mortality in Hemodialysis Patients. <i>International Journal of Medical Sciences</i> , 2016, 13, 240-247.	1.1	19
23	Effect of uremic toxin-indoxyl sulfate on the skeletal system. <i>Clinica Chimica Acta</i> , 2018, 484, 197-206.	0.5	19
24	Nicotine Causes Nephrotoxicity through the Induction of NLRP6 Inflammasome and Alpha7 Nicotinic Acetylcholine Receptor. <i>Toxics</i> , 2020, 8, 92.	1.6	19
25	Cholecalciferol Additively Reduces Serum Parathyroid Hormone and Increases Vitamin D and Cathelicidin Levels in Paricalcitol-Treated Secondary Hyperparathyroid Hemodialysis Patients. <i>Nutrients</i> , 2016, 8, 708.	1.7	18
26	Resveratrol Rescue Indoxyl Sulfate-Induced Deterioration of Osteoblastogenesis via the Aryl Hydrocarbon Receptor /MAPK Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7483.	1.8	18
27	The Role of Vitamin D in Modulating Mesenchymal Stem Cells and Endothelial Progenitor Cells for Vascular Calcification. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2466.	1.8	17
28	Association between Increased Serum Osteoprotegerin Levels and Improvement in Bone Mineral Density after Parathyroidectomy in Hemodialysis Patients. <i>Tohoku Journal of Experimental Medicine</i> , 2012, 226, 19-27.	0.5	16
29	Scavenging Intracellular ROS Attenuates p-Cresyl Sulfate-Triggered Osteogenesis through MAPK Signaling Pathway and NF-Î²B Activation in Human Arterial Smooth Muscle Cells. <i>Toxins</i> , 2020, 12, 472.	1.5	16
30	Association of Serum Phosphate and Related Factors in ESRD-Related Vascular Calcification. <i>International Journal of Nephrology</i> , 2011, 2011, 1-8.	0.7	15
31	Association of Anabolic Effect of Calcitriol with Osteoclast-Derived Wnt 10b Secretion. <i>Nutrients</i> , 2018, 10, 1164.	1.7	15
32	Influence of Resveratrol on the Cardiovascular Health Effects of Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6294.	1.8	15
33	Angiotensin-converting enzyme inhibitors or angiotensin receptor blocker monotherapy retard deterioration of renal function in Taiwanese chronic kidney disease population. <i>Scientific Reports</i> , 2019, 9, 2694.	1.6	14
34	Peroxisome Proliferator-Activated Receptor Î± Protects Renal Tubular Cells from Gentamicin-Induced Apoptosis via Upregulating Na <sup>+</sup> /H <sup>+</sup> Exchanger NHE1. <i>Molecular Medicine</i> , 2015, 21, 886-899.	1.9	13
35	Cholecalciferol Additively Reduces Serum Parathyroid Hormone Levels in Severe Secondary Hyperparathyroidism Treated with Calcitriol and Cinacalcet among Hemodialysis Patients. <i>Nutrients</i> , 2018, 10, 196.	1.7	13
36	Association of stroke subtypes with risk of hip fracture: a population-based study in Taiwan. <i>Archives of Osteoporosis</i> , 2017, 12, 104.	1.0	12

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37	Toxic Effects of Indoxyl Sulfate on Osteoclastogenesis and Osteoblastogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11265.	1.8	11
38	The Role of Plasma Neurofilament Light Protein for Assessing Cognitive Impairment in Patients With End-Stage Renal Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 657794.	1.7	10
39	Atorvastatin from target screening attenuates endothelial cell tube formation and migration by regulating urokinase receptor-related signaling pathway and F/G actin. <i>Journal of the Chinese Medical Association</i> , 2017, 80, 86-95.	0.6	8
40	Therapeutic Effect of Endothelin-Converting Enzyme Inhibitor on Chronic Kidney Disease through the Inhibition of Endoplasmic Reticulum Stress and the NLRP3 Inflammasome. <i>Biomedicines</i> , 2021, 9, 398.	1.4	8
41	Osteoclast-Released Wnt-10b Underlies Cinacalcet Related Bone Improvement in Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2800.	1.8	6
42	Therapeutic Effect of Calcimimetics on Osteoclastâ€“Osteoblast Crosslink in Chronic Kidney Disease and Mineral Bone Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8712.	1.8	6
43	Micro- and Nanosized Substances Cause Different Autophagy-Related Responses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4787.	1.8	5
44	Prevalence and risk factors for myopia in Taiwanese diabetes mellitus patients: a multicenter caseâ€“control study in Taiwan. <i>Scientific Reports</i> , 2021, 11, 8195.	1.6	5
45	Cinacalcet Improves Bone Parameters Through Regulation of Osteoclast Endoplasmic Reticulum Stress, Autophagy, and Apoptotic Pathways in Chronic Kidney Diseaseâ€“Mineral and Bone Disorder. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 215-225.	3.1	5
46	Aberrant serum parathyroid hormone, calcium, and phosphorus as risk factors for peritonitis in peritoneal dialysis patients. <i>Scientific Reports</i> , 2021, 11, 1171.	1.6	4
47	Clinical characteristics and outcomes of patients requiring incident dialysis in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2022, 121, S56-S56.	0.8	4
48	Investigation of potential descriptors of chemical compounds on prevention of nephrotoxicity via QSAR approach. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 1876-1884.	1.9	4
49	Sleeping, Smoking, and Kidney Diseases: Evidence From the NHANES 2017â€“2018. <i>Frontiers in Medicine</i> , 2021, 8, 745006.	1.2	3
50	Severe acute kidney disease is associated with worse kidney outcome among acute kidney injury patients. <i>Scientific Reports</i> , 2022, 12, 6492.	1.6	3
51	Primary prevention of cardiovascular disease events with renin-angiotensin system blockade in autosomal dominant polycystic kidney disease dialysis patients. <i>Medicine (United States)</i> , 2021, 100, e26559.	0.4	2
52	Uremic Toxin Indoxyl Sulfate Impairs Hydrogen Sulfide Formation in Renal Tubular Cells. <i>Antioxidants</i> , 2022, 11, 361.	2.2	2
53	Allogeneic adipose tissueâ€“derived stem cells ELIXCYTE <sup>Â®</sup> in chronic kidney disease: A phase I study assessing safety and clinical feasibility. <i>Journal of Cellular and Molecular Medicine</i> , 2022, , .	1.6	2
54	Influence of intradialytic systolic blood pressure changes on arteriovenous access thrombosis in maintenance hemodialysis patients. <i>International Journal of Clinical Practice</i> , 2021, 75, e13799.	0.8	1

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55	Circulating p-Cresyl Sulfate, Non-Hepatic Alkaline Phosphatase and Risk of Bone Fracture Events in Chronic Kidney Disease-Mineral Bone Disease. <i>Toxins</i> , 2021, 13, 479.	1.5	1
56	The modulating effect of dietary protein intake on mortality in long-term hemodialysis patients: A nationwide population-based study. <i>International Journal of Clinical Practice</i> , 2021, 75, e13747.	0.8	0
57	Effect of profit status in facilities on the mortality of patients on long-term haemodialysis: a nationwide cohort study. <i>BMJ Open</i> , 2021, 11, e045832.	0.8	0