

Chia-Chao Wu

List of Publications by Year in descending order

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Version: 2024-02-01

123
papers

2,519
citations

201674

27
h-index

243625

44
g-index

129
all docs

129
docs citations

129
times ranked

3908
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Vitamin D in Insulin Resistance. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-11.	3.0	189
2	Oxidative Stress and Nucleic Acid Oxidation in Patients with Chronic Kidney Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-15.	4.0	150
3	Role of T Cells in Type 2 Diabetic Nephropathy. <i>Experimental Diabetes Research</i> , 2011, 2011, 1-9.	3.8	115
4	Insulin Resistance in Patients with Chronic Kidney Disease. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-12.	3.0	94
5	Myeloperoxidase serves as a marker of oxidative stress during single haemodialysis session using two different biocompatible dialysis membranes. <i>Nephrology Dialysis Transplantation</i> , 2005, 20, 1134-1139.	0.7	75
6	Intradialytic aerobic cycling exercise alleviates inflammation and improves endothelial progenitor cell count and bone density in hemodialysis patients. <i>Medicine (United States)</i> , 2016, 95, e4134.	1.0	74
7	Aberrant cytokines/chemokines production correlate with proteinuria in patients with overt diabetic nephropathy. <i>Clinica Chimica Acta</i> , 2010, 411, 700-704.	1.1	72
8	Serum IL-6, albumin and comorbidities are closely correlated with symptoms of depression in patients on maintenance haemodialysis. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 658-664.	0.7	68
9	Glycated albumin in diabetic patients with chronic kidney disease. <i>Clinica Chimica Acta</i> , 2012, 413, 1555-1561.	1.1	62
10	Vascular Calcification and Renal Bone Disorders. <i>Scientific World Journal</i> , The, 2014, 2014, 1-20.	2.1	59
11	Urinary Xist is a potential biomarker for membranous nephropathy. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 415-421.	2.1	55
12	Melatonin enhances endogenous heme oxygenase-1 and represses immune responses to ameliorate experimental murine membranous nephropathy. <i>Journal of Pineal Research</i> , 2012, 52, 460-469.	7.4	47
13	Role of homocysteine in end-stage renal disease. <i>Clinical Biochemistry</i> , 2012, 45, 1286-1294.	1.9	46
14	Must metabolic acidosis be associated with malnutrition in haemodialysed patients?. <i>Nephrology Dialysis Transplantation</i> , 2002, 17, 2006-2010.	0.7	45
15	HO-1 induction ameliorates experimental murine membranous nephropathy: anti-oxidative, anti-apoptotic and immunomodulatory effects. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 3082-3090.	0.7	45
16	Cytokines in diabetic nephropathy. <i>Advances in Clinical Chemistry</i> , 2012, 56, 55-74.	3.7	41
17	Pleiotropic effects of vitamin D in chronic kidney disease. <i>Clinica Chimica Acta</i> , 2016, 453, 1-12.	1.1	41
18	Calcitriol Treatment Attenuates Inflammation and Oxidative Stress in Hemodialysis Patients with Secondary Hyperparathyroidism. <i>Tohoku Journal of Experimental Medicine</i> , 2011, 223, 153-159.	1.2	40

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19	Resveratrol Ameliorates Renal Damage, Increases Expression of Heme Oxygenase-1, and Has Anti-Complement, Anti-Oxidative, and Anti-Apoptotic Effects in a Murine Model of Membranous Nephropathy. PLoS ONE, 2015, 10, e0125726.	2.5	37
20	Role of nutritional vitamin D in osteoporosis treatment. Clinica Chimica Acta, 2018, 484, 179-191.	1.1	36
21	Bone loss in chronic kidney disease: Quantity or quality?. Bone, 2016, 87, 57-70.	2.9	34
22	Bone turnover markers predict changes in bone mineral density after parathyroidectomy in patients with renal hyperparathyroidism. Clinical Endocrinology, 2012, 76, 634-642.	2.4	33
23	Angiotensin-Converting Enzyme Insertion/Deletion Polymorphism Contributes High Risk for Chronic Kidney Disease in Asian Male with Hypertension—A Meta-Regression Analysis of 98 Observational Studies. PLoS ONE, 2014, 9, e87604.	2.5	33
24	Vitamin D and immune function in chronic kidney disease. Clinica Chimica Acta, 2015, 450, 135-144.	1.1	32
25	Putative Role of Vitamin D for COVID-19 Vaccination. International Journal of Molecular Sciences, 2021, 22, 8988.	4.1	32
26	Osmotic Demyelination Syndrome after Correction of Chronic Hyponatremia with Normal Saline. American Journal of the Medical Sciences, 2002, 323, 259-262.	1.1	29
27	Hypercalcemic crisis successfully treated with prompt calcium-free hemodialysis. American Journal of Emergency Medicine, 2009, 27, 1174.e1-1174.e3.	1.6	28
28	Risk factors and their interaction on chronic kidney disease: A multi-centre case control study in Taiwan. BMC Nephrology, 2015, 16, 83.	1.8	28
29	Resveratrol as an Adjunctive Therapy for Excessive Oxidative Stress in Aging COVID-19 Patients. Antioxidants, 2021, 10, 1440.	5.1	28
30	Experimental model of membranous nephropathy in mice: sequence of histological and biochemical events. Laboratory Animals, 2008, 42, 350-359.	1.0	25
31	A predictive model for progression of CKD. Medicine (United States), 2019, 98, e16186.	1.0	25
32	Diagnosing thyrotoxic periodic paralysis in the ED. American Journal of Emergency Medicine, 2003, 21, 339-342.	1.6	24
33	Metabolic Acidosis and Strong Ion Gap in Critically Ill Patients with Acute Kidney Injury. BioMed Research International, 2014, 2014, 1-8.	1.9	24
34	Concentration and Duration of Indoxyl Sulfate Exposure Affects Osteoclastogenesis by Regulating NFATc1 via Aryl Hydrocarbon Receptor. International Journal of Molecular Sciences, 2020, 21, 3486.	4.1	24
35	Perspective Adjunctive Therapies for COVID-19: Beyond Antiviral Therapy. International Journal of Medical Sciences, 2021, 18, 314-324.	2.5	24
36	Applying an Artificial Neural Network to Predict Total Body Water in Hemodialysis Patients. American Journal of Nephrology, 2005, 25, 507-513.	3.1	23

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37	An unrecognized cause of paralysis in ED: Thyrotoxic normokalemic periodic paralysis. <i>American Journal of Emergency Medicine</i> , 2003, 21, 71-73.	1.6	22
38	IgA Nephropathy Benefits from Compound K Treatment by Inhibiting NF- κ B/NLRP3 Inflammasome and Enhancing Autophagy and SIRT1. <i>Journal of Immunology</i> , 2020, 205, 202-212.	0.8	22
39	Approaching Biomarkers of Membranous Nephropathy from a Murine Model to Human Disease. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-11.	3.0	21
40	Endothelial Progenitor Cells Predict Long-Term Mortality in Hemodialysis Patients. <i>International Journal of Medical Sciences</i> , 2016, 13, 240-247.	2.5	19
41	Effect of uremic toxin-indoxyl sulfate on the skeletal system. <i>Clinica Chimica Acta</i> , 2018, 484, 197-206.	1.1	19
42	Role of the Functional Toll-Like Receptor-9 Promoter Polymorphism (-1237T/C) in Increased Risk of End-Stage Renal Disease: A Case-Control Study. <i>PLoS ONE</i> , 2013, 8, e58444.	2.5	18
43	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.	4.1	18
44	Inhibition of tumor necrosis factor signaling attenuates renal immune cell infiltration in experimental membranous nephropathy. <i>Oncotarget</i> , 2017, 8, 111631-111641.	1.8	18
45	Tris DBA ameliorates IgA nephropathy by blunting the activating signal of NLRP3 inflammasome through SIRT1 and SIRT3 mediated autophagy induction. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 13609-13622.	3.6	17
46	An unrecognized cause of oedema in a patient with lupus nephritis: protein losing enteropathy. <i>Nephrology Dialysis Transplantation</i> , 2004, 19, 2149-2150.	0.7	16
47	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.	1.2	16
48	Association of Serum Phosphate and Related Factors in ESRD-Related Vascular Calcification. <i>International Journal of Nephrology</i> , 2011, 2011, 1-8.	1.3	15
49	Association of Anabolic Effect of Calcitriol with Osteoclast-Derived Wnt 10b Secretion. <i>Nutrients</i> , 2018, 10, 1164.	4.1	15
50	Pathogenic Role of Effector Cells and Immunoglobulins in Cationic Bovine Serum Albumin-Induced Membranous Nephropathy. <i>Journal of Clinical Immunology</i> , 2012, 32, 138-149.	3.8	14
51	Effect of oral administration with pravastatin and atorvastatin on airway hyperresponsiveness and allergic reactions in asthmatic mice. <i>Annals of Allergy, Asthma and Immunology</i> , 2013, 110, 11-17.	1.0	14
52	Impact of interaction of cigarette smoking with angiotensin-converting enzyme polymorphisms on end-stage renal disease risk in a Han Chinese population. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 203-210.	1.7	14
53	Role of melatonin receptor 1A and pituitary homeobox 1 coexpression in protecting tubular epithelial cells in membranous nephropathy. <i>Journal of Pineal Research</i> , 2018, 65, e12482.	7.4	14
54	Gene-Gene Interactions in Renin-Angiotensin-Aldosterone System Contributes to End-Stage Renal Disease Susceptibility in a Han Chinese Population. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	2.1	13

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55	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.	4.1	13
56	Hypoalbuminemia differently affects the serum bone turnover markers in hemodialysis patients. <i>International Journal of Medical Sciences</i> , 2019, 16, 1583-1592.	2.5	13
57	Aberrant Activation of the TNF-alpha System and Production of Fas and Scavenger Receptors on Monocytes in Patients With End-stage Renal Disease. <i>Artificial Organs</i> , 2005, 29, 701-707.	1.9	12
58	Effects of Calcitriol on Type 5b Tartrate-Resistant Acid Phosphatase and Interleukin-6 in Secondary Hyperparathyroidism. <i>Blood Purification</i> , 2006, 24, 423-430.	1.8	12
59	The T-1237C Polymorphism of the Toll-like Receptor-9 Gene Is Associated with Chronic Kidney Disease in a Han Chinese Population. <i>Tohoku Journal of Experimental Medicine</i> , 2011, 225, 109-116.	1.2	12
60	Glycated Albumin Predicts Long-term Survival in Patients Undergoing Hemodialysis. <i>International Journal of Medical Sciences</i> , 2016, 13, 395-402.	2.5	12
61	Antiproteinuria Effect of Calcitriol in Patients With Chronic Kidney Disease and Vitamin D Deficiency: A Randomized Controlled Study. , 2020, 30, 200-207.		12
62	Prediction of target range of intact parathyroid hormone in hemodialysis patients with artificial neural network. <i>Computer Methods and Programs in Biomedicine</i> , 2006, 83, 111-119.	4.7	11
63	Prompt plasmapheresis successfully rescue pulmonary-renal syndrome caused by ANCA-negative microscopic polyangiitis. <i>Clinical Rheumatology</i> , 2009, 28, 1457-1460.	2.2	11
64	Immune reconstitution syndromeâ€œinduced hypercalcemic crisis. <i>American Journal of Emergency Medicine</i> , 2011, 29, 244.e3-244.e6.	1.6	11
65	Glycated albumin is independently associated with estimated glomerular filtration rate in nondiabetic patients with chronic kidney disease. <i>Clinica Chimica Acta</i> , 2011, 412, 583-586.	1.1	11
66	Biomarkers Linked with Dynamic Changes of Renal Function in Asymptomatic and Mildly Symptomatic COVID-19 Patients. <i>Journal of Personalized Medicine</i> , 2021, 11, 432.	2.5	11
67	Sublingual vaccination with sonicated Salmonella proteins and mucosal adjuvant induces mucosal and systemic immunity and protects mice from lethal enteritis. <i>Apmis</i> , 2011, 119, 468-478.	2.0	10
68	Induction of Specific Th1 Responses and Suppression of IgE Antibody Formation by Vaccination with Plasmid DNA Encoding Cyn d 1. <i>International Archives of Allergy and Immunology</i> , 2012, 158, 142-150.	2.1	10
69	Severe Linezolidâ€œInduced Lactic Acidosis in a Cirrhosis Patient. <i>Nephrology</i> , 2015, 20, 47-48.	1.6	10
70	Impact of the use of anti-diabetic drugs on survival of diabetic dialysis patients: a 5-year retrospective cohort study in Taiwan. <i>Clinical and Experimental Nephrology</i> , 2017, 21, 694-704.	1.6	10
71	Serum fetuin-A levels increased following parathyroidectomy in uremic hyperparathyroidism. <i>Clinical Nephrology</i> , 2012, 77, 89-96.	0.7	10
72	Involvement of F-Actin in Chaperonin-Containing t-Complex 1 Beta Regulating Mouse Mesangial Cell Functions in a Glucose-Induction Cell Model. <i>Experimental Diabetes Research</i> , 2011, 2011, 1-10.	3.8	9

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73	Ferulic Acid, an <i>Angelica sinensis</i> -Derived Polyphenol, Slows the Progression of Membranous Nephropathy in a Mouse Model. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-12.	1.2	9
74	Stability of cefazolin sodium in icodextrin-containing peritoneal dialysis solution. American Journal of Health-System Pharmacy, 2002, 59, 2362-2364.	1.0	8
75	Increased risk of osteoporosis in patients with primary biliary cirrhosis. PLoS ONE, 2018, 13, e0194418.	2.5	8
76	Phosphotriesterase-related protein sensed albuminuria and conferred renal tubular cell activation in membranous nephropathy. Journal of Biomedical Science, 2014, 21, 32.	7.0	7
77	High Anion Gap Metabolic Acidosis after a Suicide Attempt with Cyanide: The Rebirth of Cyanide Poisoning. Internal Medicine, 2015, 54, 1901-1904.	0.7	7
78	A Novel IGLC2 Gene Linked With Prognosis of Triple-Negative Breast Cancer. Frontiers in Oncology, 2021, 11, 759952.	2.8	7
79	COEXISTENCE OF NON-COMMUNICATED CHYLOTHORAX AND CHYLOUS ASCITES IN NEPHROTIC SYNDROME. Nephrology, 2009, 14, 700-700.	1.6	6
80	Giant Hydronephrosis. Mayo Clinic Proceedings, 2009, 84, 954.	3.0	6
81	Osteoclast-Released Wnt-10b Underlies Cinacalcet Related Bone Improvement in Chronic Kidney Disease. International Journal of Molecular Sciences, 2019, 20, 2800.	4.1	6
82	Association of pre-ESRD care education with patient outcomes in a 10-year longitudinal study of patients with CKD stages 3-5 in Taiwan. Scientific Reports, 2021, 11, 22602.	3.3	6
83	Stability of cefazolin in heparinized and nonheparinized peritoneal dialysis solutions. American Journal of Health-System Pharmacy, 2002, 59, 1537-1538.	1.0	5
84	Acute right ventricular failure in lupus-associated protein-losing enteropathy. American Journal of Emergency Medicine, 2010, 28, 845.e1-845.e3.	1.6	5
85	Serum Bone Resorption Markers after Parathyroidectomy for Renal Hyperparathyroidism: Correlation Analyses for the Cross-Linked N-telopeptide of Collagen I and Tartrate-Resistant Acid Phosphatase. Scientific World Journal, The, 2012, 2012, 1-9.	2.1	5
86	Clinical manifestations of acute appendicitis in hemodialysis patients. Surgery Today, 2013, 43, 977-983.	1.5	5
87	Induced Pluripotent Stem Cells Without c-Myc Reduce Airway Responsiveness and Allergic Reaction in Sensitized Mice. Transplantation, 2013, 96, 958-965.	1.0	5
88	Catastrophic hemophagocytic lymphohistiocytosis in a young man with nephrotic syndrome. Clinica Chimica Acta, 2015, 439, 168-171.	1.1	5
89	Continuous veno-venous hemofiltration yields better renal outcomes than intermittent hemodialysis among traumatic intracranial hemorrhage patients with acute kidney injury: A nationwide population-based retrospective study in Taiwan. PLoS ONE, 2018, 13, e0203088.	2.5	5
90	Life-threatening acute water intoxication in a woman undergoing hysteroscopic myomectomy: a case report and review of the literature. BMC Women's Health, 2020, 20, 52.	2.0	5

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91	A Functional Polymorphism in the Promoter Region of TLR3 Is Associated with Susceptibility to End-Stage Renal Disease. <i>American Journal of Nephrology</i> , 2014, 40, 131-139.	3.1	4
92	Delayed high anion gap metabolic acidosis after a suicide attempt: Case report. <i>Clinica Chimica Acta</i> , 2014, 436, 329-331.	1.1	4
93	The MTNR1A mRNA is stabilized by the cytoplasmic hnRNPL in renal tubular cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 2023-2035.	4.1	4
94	Downregulation of AANAT by c-Fos in tubular epithelial cells with membranous nephropathy. <i>Biochemical and Biophysical Research Communications</i> , 2021, 584, 32-38.	2.1	4
95	The Case of a Hypertensive woman with an abnormal abdominal X-ray. <i>Kidney International</i> , 2009, 76, 801-802.	5.2	3
96	Hydrocele in a Peritoneal Dialysis Patient: Hernia or Leakage. <i>Internal Medicine</i> , 2011, 50, 3047-3048.	0.7	3
97	Effects of Pamidronate and Calcitriol on the Set Point of the Parathyroid Gland in Postmenopausal Hemodialysis Patients with Secondary Hyperparathyroidism. <i>Nephron Clinical Practice</i> , 2012, 122, 93-101.	2.3	3
98	Parathyroidectomy leads to decreased blood lead levels in patients with refractory secondary hyperparathyroidism. <i>Bone</i> , 2012, 50, 1032-1038.	2.9	3
99	Long-Term and Short-Term Effects of Hemodialysis on Liver Function Evaluated Using the Galactose Single-Point Test. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	2.1	3
100	Risk of severe hypoglycemic events from amiodarone-sulfonylureas interactions: A population-based nested case-control study. <i>Pharmacoepidemiology and Drug Safety</i> , 2020, 29, 842-853.	1.9	3
101	Carbon Monoxide Poisoning and Chronic Kidney Disease Risk: A Nationwide, Population-Based Study. <i>American Journal of Nephrology</i> , 2021, 52, 292-303.	3.1	3
102	Gender Differences in the Extended Theory of Planned Behaviour on Smoking Cessation Intention in Young Soldiers. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7834.	2.6	3
103	Cf ⁰² , a novel benzamide-linked small molecule, blunts NF ^{0B} activation and NLRP3 inflammasome assembly and improves acute onset of accelerated and severe lupus nephritis in mice. <i>FASEB Journal</i> , 2021, 35, e21785.	0.5	3
104	Sleeping, Smoking, and Kidney Diseases: Evidence From the NHANES 2017-2018. <i>Frontiers in Medicine</i> , 2021, 8, 745006.	2.6	3
105	Comparison of short-term efficacy of iron sucrose with those of ferric chloride in hemodialysis patients: An open-label study. <i>Journal of Research in Medical Sciences</i> , 2016, 21, 99.	0.9	3
106	Giant Hydronephrosis. <i>Mayo Clinic Proceedings</i> , 2009, 84, 954.	3.0	2
107	Decreased blood lead levels after calcitriol treatment in hemodialysis patients with secondary hyperparathyroidism. <i>Bone</i> , 2011, 49, 1306-1310.	2.9	2
108	Neonatal Vaccination with Plasmid DNA Encoding Cyn d 1 Effectively Prevents Allergic Responses in Mice. <i>American Journal of Rhinology and Allergy</i> , 2014, 28, e144-e147.	2.0	2

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109	Cost-effectiveness of statin therapy for secondary prevention among patients with coronary artery disease and baseline LDL-C 70-100 mg/dL in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 907-916.	1.7	2
110	Taking Sleeping Pills and the Risk of Chronic Kidney Disease: A Nationwide Population-Based Retrospective Cohort Study. <i>Frontiers in Pharmacology</i> , 2020, 11, 524113.	3.5	2
111	Half-and-half nail. <i>Cmaj</i> , 2009, 180, 687-687.	2.0	1
112	Simple renal cyst and hypertension: An often neglected entity. <i>Nephrology</i> , 2014, 19, 258-259.	1.6	1
113	Syncope in a patient with minimal change disease without nephrotic-range proteinuria. <i>Scottish Medical Journal</i> , 2017, 62, 54-57.	1.3	1
114	Pleiotropic Effects of Vitamin D in Kidney Disease. , 2017, , .		1
115	Vitamin D deficiency and inactivated SARS-CoV-2 vaccines. <i>European Journal of Internal Medicine</i> , 2021, 93, 114.	2.2	1
116	Acute Paralysis in a Uremic Patient. <i>American Journal of Medicine</i> , 2010, 123, e7-e8.	1.5	0
117	Erythropoiesis-stimulating agent hyporesponsiveness in dialysis patients: aware of subclinical hypothyroidism. <i>Nephrology</i> , 2013, 18, 478-478.	1.6	0
118	Chyluria. <i>Nephrology</i> , 2014, 19, 172-172.	1.6	0
119	Fracture in a middle-aged man: uncovering the inside story. <i>Emergency Medicine Journal</i> , 2015, 32, 133-133.	1.0	0
120	Challenges of measuring the Healthcare Access and Quality Index. <i>Lancet, The</i> , 2018, 391, 428-429.	13.7	0
121	Long-Term Use of Statins Lowering the Risk of Rehospitalization Caused by Ischemic Stroke Among Middle-Aged Hyperlipidemic Patients: A Population-Based Study. <i>Frontiers in Pharmacology</i> , 2021, 12, 741094.	3.5	0
122	Porcelain heart in a uremic patient. <i>Cleveland Clinic Journal of Medicine</i> , 2017, 84, 184-185.	1.3	0
123	Doxorubicin-associated red-colored dialysate. <i>Kidney International</i> , 2022, 101, 1091.	5.2	0