

# Yi-Chun Tsai

## List of Publications by Citations

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**Version:** 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

860

citations

17

h-index

28

g-index

74

ext. papers

1,152

ext. citations

5

avg, IF

3.97

L-index

#	Paper	IF	Citations
63	Association of symptoms of depression with progression of CKD. <i>American Journal of Kidney Diseases</i> , <b>2012</b> , 60, 54-61	7.4	97
62	Association of fluid overload with cardiovascular morbidity and all-cause mortality in stages 4 and 5 CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2015</b> , 10, 39-46	6.9	83
61	Association of fluid overload with kidney disease progression in advanced CKD: a prospective cohort study. <i>American Journal of Kidney Diseases</i> , <b>2014</b> , 63, 68-75	7.4	68
60	Quality of life predicts risks of end-stage renal disease and mortality in patients with chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , <b>2010</b> , 25, 1621-6	4.3	67
59	Intake of phthalate-tainted foods and microalbuminuria in children: The 2011 Taiwan food scandal. <i>Environment International</i> , <b>2016</b> , 89-90, 129-37	12.9	47
58	Association of physical activity with cardiovascular and renal outcomes and quality of life in chronic kidney disease. <i>PLoS ONE</i> , <b>2017</b> , 12, e0183642	3.7	29
57	Interaction of melamine and di-(2-ethylhexyl) phthalate exposure on markers of early renal damage in children: The 2011 Taiwan food scandal. <i>Environmental Pollution</i> , <b>2018</b> , 235, 453-461	9.3	29
56	Intake of Phthalate-tainted Foods and Serum Thyroid Hormones in Taiwanese Children and Adolescents. <i>Scientific Reports</i> , <b>2016</b> , 6, 30589	4.9	25
55	Urinary melamine excretion and increased markers of renal tubular injury in patients with calcium urolithiasis: A cross-sectional study. <i>Environmental Pollution</i> , <b>2017</b> , 231, 1284-1290	9.3	22
54	High Glucose Induces Mesangial Cell Apoptosis through miR-15b-5p and Promotes Diabetic Nephropathy by Extracellular Vesicle Delivery. <i>Molecular Therapy</i> , <b>2020</b> , 28, 963-974	11.7	22
53	Predictive modeling of blood pressure during hemodialysis: a comparison of linear model, random forest, support vector regression, XGBoost, LASSO regression and ensemble method. <i>Computer Methods and Programs in Biomedicine</i> , <b>2020</b> , 195, 105536	6.9	21
52	Heart Rate Variability Change Before and After Hemodialysis is Associated with Overall and Cardiovascular Mortality in Hemodialysis. <i>Scientific Reports</i> , <b>2016</b> , 6, 20597	4.9	21
51	Indoxyl Sulfate Induces Apoptosis Through Oxidative Stress and Mitogen-Activated Protein Kinase Signaling Pathway Inhibition in Human Astrocytes. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	20
50	Is fluid overload more important than diabetes in renal progression in late chronic kidney disease?. <i>PLoS ONE</i> , <b>2013</b> , 8, e82566	3.7	20
49	Angiotensin-2, Angiotensin-1 and subclinical cardiovascular disease in Chronic Kidney Disease. <i>Scientific Reports</i> , <b>2016</b> , 6, 39400	4.9	19
48	Association of hsCRP, white blood cell count and ferritin with renal outcome in chronic kidney disease patients. <i>PLoS ONE</i> , <b>2012</b> , 7, e52775	3.7	18
47	Association of angiotensin-2 with renal outcome in chronic kidney disease. <i>PLoS ONE</i> , <b>2014</b> , 9, e108862	3.7	18

46	Angiotensin-2 as a Prognostic Biomarker of Major Adverse Cardiovascular Events and All-Cause Mortality in Chronic Kidney Disease. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135181	3.7	17
45	Angpt2 Induces Mesangial Cell Apoptosis through the MicroRNA-33-5p-SOCS5 Loop in Diabetic Nephropathy. <i>Molecular Therapy - Nucleic Acids</i> , <b>2018</b> , 13, 543-555	10.7	17
44	Heart Rate Variability Predicts Major Adverse Cardiovascular Events and Hospitalization in Maintenance Hemodialysis Patients. <i>Kidney and Blood Pressure Research</i> , <b>2017</b> , 42, 76-88	3.1	16
43	The Interaction of miR-378i-Skp2 Regulates Cell Senescence in Diabetic Nephropathy. <i>Journal of Clinical Medicine</i> , <b>2018</b> , 7,	5.1	16
42	Angiotensin-2, Renal Deterioration, Major Adverse Cardiovascular Events and All-Cause Mortality in Patients with Diabetic Nephropathy. <i>Kidney and Blood Pressure Research</i> , <b>2018</b> , 43, 545-554	3.1	15
41	Interrelationship of environmental melamine exposure, biomarkers of oxidative stress and early kidney injury. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 396, 122726	12.8	14
40	Urinary Melamine Levels and Progression of CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2019</b> , 14, 1133-1141	6.9	12
39	The interaction between N-terminal pro-brain natriuretic peptide and fluid status in adverse clinical outcomes of late stages of chronic kidney disease. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202733	3.7	10
38	Increased Aortic Arch Calcification and Cardiomegaly is Associated with Rapid Renal Progression and Increased Cardiovascular Mortality in Chronic Kidney Disease. <i>Scientific Reports</i> , <b>2019</b> , 9, 5354	4.9	9
37	Exploring the Benefit of 2-Methylbutyric Acid in Patients Undergoing Hemodialysis Using a Cardiovascular Proteomics Approach. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	9
36	Fluid overload, pulse wave velocity, and ratio of brachial pre-ejection period to ejection time in diabetic and non-diabetic chronic kidney disease. <i>PLoS ONE</i> , <b>2014</b> , 9, e1111000	3.7	8
35	Association of Fluid Status and Body Composition with Physical Function in Patients with Chronic Kidney Disease. <i>PLoS ONE</i> , <b>2016</b> , 11, e0165400	3.7	8
34	Association of Brachial-Ankle Pulse Wave Velocity and Cardiomegaly With Aortic Arch Calcification in Patients on Hemodialysis. <i>Medicine (United States)</i> , <b>2016</b> , 95, e3643	1.8	8
33	Liver function tests may be useful tools for advanced cancer patient care: a preliminary single-center result. <i>Kaohsiung Journal of Medical Sciences</i> , <b>2014</b> , 30, 146-52	2.4	6
32	The interaction between self-care behavior and disease knowledge on the decline in renal function in chronic kidney disease. <i>Scientific Reports</i> , <b>2021</b> , 11, 401	4.9	6
31	The interaction between fluid status and angiotensin-2 in adverse renal outcomes of chronic kidney disease. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173906	3.7	5
30	Independent Association of Overhydration with All-Cause and Cardiovascular Mortality Adjusted for Global Left Ventricular Longitudinal Systolic Strain and E/ETRatio in Maintenance Hemodialysis Patients. <i>Kidney and Blood Pressure Research</i> , <b>2018</b> , 43, 1322-1332	3.1	5
29	Using CHADS and CHADS-VASc scores for mortality prediction in patients with chronic kidney disease. <i>Scientific Reports</i> , <b>2020</b> , 10, 18942	4.9	5

28	Body Mass Index, Left Ventricular Mass Index and Cardiovascular Events in Chronic Kidney Disease. <i>American Journal of the Medical Sciences</i> , <b>2016</b> , 351, 91-6	2.2	4
27	Gut Microbiota and Non-Alcoholic Fatty Liver Disease Severity in Type 2 Diabetes Patients. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	4
26	Interankle systolic blood pressure difference and renal outcomes in patients with chronic kidney disease. <i>Nephrology</i> , <b>2016</b> , 21, 379-86	2.2	4
25	The Association of Targeted Gut Microbiota with Body Composition in Type 2 Diabetes Mellitus. <i>International Journal of Medical Sciences</i> , <b>2021</b> , 18, 511-519	3.7	4
24	Comparative effectiveness of bisoprolol and carvedilol among patients receiving maintenance hemodialysis. <i>CKJ: Clinical Kidney Journal</i> , <b>2021</b> , 14, 983-990	4.5	3
23	Multiple hypovascular tumors in kidney: a rare case report and differential diagnosis. <i>Case Reports in Medicine</i> , <b>2013</b> , 2013, 595193	0.7	2
22	Association between Flow-Mediated Dilation and Skin Perfusion Pressure with Peripheral Artery Disease in Hemodialysis Patients.. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	2
21	β-blocker dialyzability and the risk of mortality and cardiovascular events in patients undergoing hemodialysis. <i>Nephrology Dialysis Transplantation</i> , <b>2020</b> , 35, 1959-1965	4.3	2
20	Gut microbiota compositions and metabolic functions in type 2 diabetes differ with glycemic durability to metformin monotherapy. <i>Diabetes Research and Clinical Practice</i> , <b>2021</b> , 174, 108731	7.4	2
19	The Relationship between Subtypes of Health Literacy and Self-Care Behavior in Chronic Kidney Disease. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	2
18	Investigation of Acoustic Cardiographic Parameters before and after Hemodialysis. <i>Disease Markers</i> , <b>2019</b> , 2019, 5270159	3.2	2
17	Association between albumin and C-reactive protein and ankle-brachial index in haemodialysis. <i>Nephrology</i> , <b>2018</b> , 23 Suppl 4, 5-10	2.2	2
16	Prognostic Significance of Left Ventricular Mass Index and Renal Function Decline Rate in Chronic Kidney Disease G3 and G4. <i>Scientific Reports</i> , <b>2017</b> , 7, 42578	4.9	1
15	A probabilistic approach for benchmark dose of melamine exposure for a marker of early renal dysfunction in patients with calcium urolithiasis. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 200, 110741	7.41	1
14	Simultaneous derivatization and liquid-solid phase transition microextraction of six biogenic amines in foods followed by narrowbore liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , <b>2021</b> , 1659, 462629	4.5	1
13	Hypoxia-Induced Epithelial-to-Mesenchymal Transition in Proximal Tubular Epithelial Cells through miR-545-3p-TNFSF10. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	1
12	Risk of incident gout in kidney transplant recipients: A retrospective cohort study. <i>International Journal of Rheumatic Diseases</i> , <b>2018</b> , 21, 1993-2001	2.3	1
11	Associations between Metabolic Syndrome and Obesity-Related Indices and Bone Mineral Density T-Score in Hemodialysis Patients. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	1

10	Mobile Health, Disease Knowledge, and Self-Care Behavior in Chronic Kidney Disease: A Prospective Cohort Study. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	1
9	Melamine exposure threshold in early chronic kidney disease patients - A benchmark dose approach. <i>Environment International</i> , <b>2021</b> , 156, 106652	12.9	1
8	Taiwan mini-frontier of primary aldosteronism: Updating treatment and comorbidities detection. <i>Journal of the Formosan Medical Association</i> , <b>2021</b> , 120, 1811-1820	3.2	0
7	Melamine and oxalate coexposure induces early kidney tubular injury through mitochondrial aberrations and oxidative stress. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 225, 112756	7	0
6	Role of Fracture Risk Assessment Tool and Bone Turnover Markers in Predicting All-Cause and Cardiovascular Mortality in Hemodialysis Patients.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 891363	4.9	0
5	Autocrine Exosomal Fibulin-1 as a Target of MiR-1269b Induces Epithelial-Mesenchymal Transition in Proximal Tubule in Diabetic Nephropathy.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 789716 <sup>5.7</sup>	5.7	0
4	Tumor Necrosis Factor Receptor Superfamily Member 21 Induces Endothelial-Mesenchymal Transition in Coronary Artery Endothelium of Type 2 Diabetes Mellitus. <i>Biomedicines</i> , <b>2022</b> , 10, 1282	4.8	0
3	MP283ASSOCIATED FACTORS OF PHYSICAL FUNCTION IN LATE CHRONIC KIDNEY DISEASE. <i>Nephrology Dialysis Transplantation</i> , <b>2016</b> , 31, i433-i433	4.3	
2	FP418ANGIOPOIETIN2 INDUCES MESANGIAL CELLS APOPTOSIS VIA SOC5STAT3 SIGNALING IN DIABETIC NEPHROPATHY MICROENVIRONMENT. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, i176-i176 <sup>4.3</sup>	4.3	
1	SP497SHORTER TIME BETWEEN SYMPTOMS ONSET AND ANTIBIOTICS ADMINISTRATION IMPROVING OUTCOMES OF PERITONEAL DIALYSIS PERITONITIS. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, i516-i516	4.3	