

# Yi-Chun Tsai

## List of Publications by Year in descending order

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73  
papers

1,481  
citations

331259

21  
h-index

360668

35  
g-index

74  
all docs

74  
docs citations

74  
times ranked

2033  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Symptoms of Depression With Progression of CKD. American Journal of Kidney Diseases, 2012, 60, 54-61.	2.1	139
2	Association of Fluid Overload with Cardiovascular Morbidity and All-Cause Mortality in Stages 4 and 5 CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 39-46.	2.2	118
3	Quality of life predicts risks of end-stage renal disease and mortality in patients with chronic kidney disease. Nephrology Dialysis Transplantation, 2010, 25, 1621-1626.	0.4	92
4	Association of Fluid Overload With Kidney Disease Progression in Advanced CKD: A Prospective Cohort Study. American Journal of Kidney Diseases, 2014, 63, 68-75.	2.1	92
5	Predictive modeling of blood pressure during hemodialysis: a comparison of linear model, random forest, support vector regression, XGBoost, LASSO regression and ensemble method. Computer Methods and Programs in Biomedicine, 2020, 195, 105536.	2.6	69
6	Intake of phthalate-tainted foods and microalbuminuria in children: The 2011 Taiwan food scandal. Environment International, 2016, 89-90, 129-137.	4.8	62
7	High Glucose Induces Mesangial Cell Apoptosis through miR-15b-5p and Promotes Diabetic Nephropathy by Extracellular Vesicle Delivery. Molecular Therapy, 2020, 28, 963-974.	3.7	49
8	Association of physical activity with cardiovascular and renal outcomes and quality of life in chronic kidney disease. PLoS ONE, 2017, 12, e0183642.	1.1	41
9	Interaction of melamine and di-(2-ethylhexyl) phthalate exposure on markers of early renal damage in children: The 2011 Taiwan food scandal. Environmental Pollution, 2018, 235, 453-461.	3.7	38
10	Urinary melamine excretion and increased markers of renal tubular injury in patients with calcium urolithiasis: A cross-sectional study. Environmental Pollution, 2017, 231, 1284-1290.	3.7	36
11	Interrelationship of environmental melamine exposure, biomarkers of oxidative stress and early kidney injury. Journal of Hazardous Materials, 2020, 396, 122726.	6.5	33
12	Angpt2 Induces Mesangial Cell Apoptosis through the MicroRNA-33-5p-SOCS5 Loop in Diabetic Nephropathy. Molecular Therapy - Nucleic Acids, 2018, 13, 543-555.	2.3	31
13	Intake of Phthalate-tainted Foods and Serum Thyroid Hormones in Taiwanese Children and Adolescents. Scientific Reports, 2016, 6, 30589.	1.6	30
14	Indoxyl Sulfate Induces Apoptosis Through Oxidative Stress and Mitogen-Activated Protein Kinase Signaling Pathway Inhibition in Human Astrocytes. Journal of Clinical Medicine, 2019, 8, 191.	1.0	30
15	Angiotensin-2, Angiotensin-1 and subclinical cardiovascular disease in Chronic Kidney Disease. Scientific Reports, 2016, 6, 39400.	1.6	29
16	Gut Microbiota and Subclinical Cardiovascular Disease in Patients with Type 2 Diabetes Mellitus. Nutrients, 2021, 13, 2679.	1.7	29
17	Heart Rate Variability Change Before and After Hemodialysis is Associated with Overall and Cardiovascular Mortality in Hemodialysis. Scientific Reports, 2016, 6, 20597.	1.6	28
18	The Association of Targeted Gut Microbiota with Body Composition in Type 2 Diabetes Mellitus. International Journal of Medical Sciences, 2021, 18, 511-519.	1.1	27

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19	Association of Angiotensin-2 with Renal Outcome in Chronic Kidney Disease. PLoS ONE, 2014, 9, e108862.	1.1	26
20	Angiotensin-2 as a Prognostic Biomarker of Major Adverse Cardiovascular Events and All-Cause Mortality in Chronic Kidney Disease. PLoS ONE, 2015, 10, e0135181.	1.1	24
21	Is Fluid Overload More Important than Diabetes in Renal Progression in Late Chronic Kidney Disease?. PLoS ONE, 2013, 8, e82566.	1.1	23
22	Association of hsCRP, White Blood Cell Count and Ferritin with Renal Outcome in Chronic Kidney Disease Patients. PLoS ONE, 2012, 7, e52775.	1.1	23
23	The Interaction of miR-378i-Skp2 Regulates Cell Senescence in Diabetic Nephropathy. Journal of Clinical Medicine, 2018, 7, 468.	1.0	22
24	Angiotensin-2, Renal Deterioration, Major Adverse Cardiovascular Events and All-Cause Mortality in Patients with Diabetic Nephropathy. Kidney and Blood Pressure Research, 2018, 43, 545-554.	0.9	21
25	Heart Rate Variability Predicts Major Adverse Cardiovascular Events and Hospitalization in Maintenance Hemodialysis Patients. Kidney and Blood Pressure Research, 2017, 42, 76-88.	0.9	20
26	Urinary Melamine Levels and Progression of CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 1133-1141.	2.2	20
27	The interaction between N-terminal pro-brain natriuretic peptide and fluid status in adverse clinical outcomes of late stages of chronic kidney disease. PLoS ONE, 2018, 13, e0202733.	1.1	19
28	Associations between Metabolic Syndrome and Obesity-Related Indices and Bone Mineral Density T-Score in Hemodialysis Patients. Journal of Personalized Medicine, 2021, 11, 775.	1.1	16
29	Gut Microbiota and Non-Alcoholic Fatty Liver Disease Severity in Type 2 Diabetes Patients. Journal of Personalized Medicine, 2021, 11, 238.	1.1	15
30	Increased Aortic Arch Calcification and Cardiomegaly is Associated with Rapid Renal Progression and Increased Cardiovascular Mortality in Chronic Kidney Disease. Scientific Reports, 2019, 9, 5354.	1.6	14
31	Exploring the Benefit of 2-Methylbutyric Acid in Patients Undergoing Hemodialysis Using a Cardiovascular Proteomics Approach. Nutrients, 2019, 11, 3033.	1.7	14
32	The interaction between self-care behavior and disease knowledge on the decline in renal function in chronic kidney disease. Scientific Reports, 2021, 11, 401.	1.6	14
33	Association of Brachial-Ankle Pulse Wave Velocity and Cardiomegaly With Aortic Arch Calcification in Patients on Hemodialysis. Medicine (United States), 2016, 95, e3643.	0.4	13
34	β-blocker dialyzability and the risk of mortality and cardiovascular events in patients undergoing hemodialysis. Nephrology Dialysis Transplantation, 2020, 35, 1959-1965.	0.4	13
35	Association of Fluid Status and Body Composition with Physical Function in Patients with Chronic Kidney Disease. PLoS ONE, 2016, 11, e0165400.	1.1	11
36	The interaction between fluid status and angiotensin-2 in adverse renal outcomes of chronic kidney disease. PLoS ONE, 2017, 12, e0173906.	1.1	11

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37	Liver function tests may be useful tools for advanced cancer patient care: A preliminary single-center result. <i>Kaohsiung Journal of Medical Sciences</i> , 2014, 30, 146-152.	0.8	10
38	Independent Association of Overhydration with All-Cause and Cardiovascular Mortality Adjusted for Global Left Ventricular Longitudinal Systolic Strain and E/E <sup>™</sup> Ratio in Maintenance Hemodialysis Patients. <i>Kidney and Blood Pressure Research</i> , 2018, 43, 1322-1332.	0.9	10
39	Using CHADS2 and CHA2DS2-VASc scores for mortality prediction in patients with chronic kidney disease. <i>Scientific Reports</i> , 2020, 10, 18942.	1.6	9
40	The Relationship between Subtypes of Health Literacy and Self-Care Behavior in Chronic Kidney Disease. <i>Journal of Personalized Medicine</i> , 2021, 11, 447.	1.1	9
41	Sex Difference in the Associations among Obesity-Related Indices with Incident Hypertension in a Large Taiwanese Population Follow-Up Study. <i>Journal of Personalized Medicine</i> , 2022, 12, 972.	1.1	9
42	The Determinants of Liver Fibrosis in Patients with Nonalcoholic Fatty Liver Disease and Type 2 Diabetes Mellitus. <i>Biomedicines</i> , 2022, 10, 1487.	1.4	9
43	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> , 2014, 9, e111000.	1.1	8
44	Interankle systolic blood pressure difference and renal outcomes in patients with chronic kidney disease. <i>Nephrology</i> , 2016, 21, 379-386.	0.7	8
45	Comparative effectiveness of bisoprolol and carvedilol among patients receiving maintenance hemodialysis. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 983-990.	1.4	8
46	Gut microbiota compositions and metabolic functions in type 2 diabetes differ with glycemic durability to metformin monotherapy. <i>Diabetes Research and Clinical Practice</i> , 2021, 174, 108731.	1.1	8
47	Melamine and oxalate coexposure induces early kidney tubular injury through mitochondrial aberrations and oxidative stress. <i>Ecotoxicology and Environmental Safety</i> , 2021, 225, 112756.	2.9	8
48	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> , 2021, 1659, 462629.	1.8	8
49	Autocrine Exosomal Fibulin-1 as a Target of MiR-1269b Induces Epithelialâ€Mesenchymal Transition in Proximal Tubule in Diabetic Nephropathy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 789716.	1.8	8
50	Association between albumin and C-reactive protein and ankle-brachial index in haemodialysis. <i>Nephrology</i> , 2018, 23, 5-10.	0.7	7
51	Mobile Health, Disease Knowledge, and Self-Care Behavior in Chronic Kidney Disease: A Prospective Cohort Study. <i>Journal of Personalized Medicine</i> , 2021, 11, 845.	1.1	6
52	Diminishment of Nrf2 Antioxidative Defense Aggravates Nephrotoxicity of Melamine and Oxalate Coexposure. <i>Antioxidants</i> , 2021, 10, 1464.	2.2	6
53	Melamine exposure threshold in early chronic kidney disease patients â€ A benchmark dose approach. <i>Environment International</i> , 2021, 156, 106652.	4.8	6
54	Interrelationship of Gut Microbiota, Obesity, Body Composition and Insulin Resistance in Asians with Type 2 Diabetes Mellitus. <i>Journal of Personalized Medicine</i> , 2022, 12, 617.	1.1	6

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55	Body Mass Index, Left Ventricular Mass Index and Cardiovascular Events in Chronic Kidney Disease. <i>American Journal of the Medical Sciences</i> , 2016, 351, 91-96.	0.4	5
56	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> , 2020, 200, 110741.	2.9	5
57	Hypoxia-Induced Epithelial-to-Mesenchymal Transition in Proximal Tubular Epithelial Cells through miR-545-3p and TNFSF10. <i>Biomolecules</i> , 2021, 11, 1032.	1.8	5
58	Taiwan mini-frontier of primary aldosteronism: Updating treatment and comorbidities detection. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 1811-1820.	0.8	5
59	Association between Flow-Mediated Dilation and Skin Perfusion Pressure with Peripheral Artery Disease in Hemodialysis Patients. <i>Journal of Personalized Medicine</i> , 2021, 11, 1251.	1.1	5
60	Prognostic Significance of Left Ventricular Mass Index and Renal Function Decline Rate in Chronic Kidney Disease G3 and G4. <i>Scientific Reports</i> , 2017, 7, 42578.	1.6	4
61	Tumor Necrosis Factor Receptor Superfamily Member 21 Induces Endothelial-Mesenchymal Transition in Coronary Artery Endothelium of Type 2 Diabetes Mellitus. <i>Biomedicines</i> , 2022, 10, 1282.	1.4	4
62	Differences in the Microbial Composition of Hemodialysis Patients Treated with and without $\beta$ -Blockers. <i>Journal of Personalized Medicine</i> , 2021, 11, 198.	1.1	3
63	Multiple Hypovascular Tumors in Kidney: A Rare Case Report and Differential Diagnosis. <i>Case Reports in Medicine</i> , 2013, 2013, 1-4.	0.3	2
64	Investigation of Acoustic Cardiographic Parameters before and after Hemodialysis. <i>Disease Markers</i> , 2019, 2019, 1-9.	0.6	2
65	Association between Reduced Serum Zinc and Diastolic Dysfunction in Maintenance Hemodialysis Patients. <i>Nutrients</i> , 2021, 13, 2077.	1.7	2
66	Genetic Polymorphisms of MnSOD Modify the Impacts of Environmental Melamine on Oxidative Stress and Early Kidney Injury in Calcium Urolithiasis Patients. <i>Antioxidants</i> , 2022, 11, 152.	2.2	2
67	Risk of incident gout in kidney transplant recipients: A retrospective cohort study. <i>International Journal of Rheumatic Diseases</i> , 2018, 21, 1993-2001.	0.9	1
68	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> , 2022, 9, 891363.	1.2	1
69	MP283 ASSOCIATED FACTORS OF PHYSICAL FUNCTION IN LATE CHRONIC KIDNEY DISEASE. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i433-i433.	0.4	0
70	FP418 ANGIOPOIETIN2 INDUCES MESANGIAL CELLS APOPTOSIS VIA SOC5/STAT3 SIGNALING IN DIABETIC NEPHROPATHY MICROENVIRONMENT. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i176-i176.	0.4	0
71	SP497 SHORTER TIME BETWEEN SYMPTOMS ONSET AND ANTIBIOTICS ADMINISTRATION IMPROVING OUTCOMES OF PERITONEAL DIALYSIS PERITONITIS. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i516-i516.	0.4	0
72	SP817 The interaction between self-care behavior and disease knowledge in poor renal outcomes in elderly with chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.4	0

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73	P0970EXOSOMAL MIR-92A-1-5P DERIVED FROM PROXIMAL TUBULAR EPITHELIAL CELLS INDUCES EPITHELIAL-MESENCHYMAL TRANSITION IN MESANGIAL CELLS IN DIABETIC NEPHROPATHY. Nephrology Dialysis Transplantation, 2020, 35, .	0.4	0