

Chih-Yu Yang

List of Publications by Year in descending order

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99
papers

1,508
citations

331670
21
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34
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103
all docs

103
docs citations

103
times ranked

2300
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of the development of acute kidney injury following cardiac surgery by machine learning. <i>Critical Care</i> , 2020, 24, 478.	5.8	194
2	Long-Term Clinical Outcome of Major Adverse Cardiac Events in Survivors of Infective Endocarditis. <i>Circulation</i> , 2014, 130, 1684-1691.	1.6	96
3	Effects on Clinical Outcomes of Adding Dipeptidyl Peptidase-4 Inhibitors Versus Sulfonylureas to Metformin Therapy in Patients With Type 2 Diabetes Mellitus. <i>Annals of Internal Medicine</i> , 2015, 163, 663-672.	3.9	81
4	Risks of Death and Stroke in Patients Undergoing Hemodialysis With New-Onset Atrial Fibrillation. <i>Circulation</i> , 2016, 133, 265-272.	1.6	69
5	Effect of Far Infrared Therapy on Arteriovenous Fistula Maturation: An Open-Label Randomized Controlled Trial. <i>American Journal of Kidney Diseases</i> , 2013, 62, 304-311.	1.9	60
6	Serum Creatinine Determined by Jaffe, Enzymatic Method, and Isotope Dilution ¹²⁵ I-Liquid Chromatography ¹²⁵ I-Mass Spectrometry in Patients Under Hemodialysis. <i>Journal of Clinical Laboratory Analysis</i> , 2012, 26, 206-214.	2.1	44
7	The Anti-Inflammatory, Anti-Oxidative, and Anti-Apoptotic Benefits of Stem Cells in Acute Ischemic Kidney Injury. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3529.	4.1	43
8	Circulating Wnt/ β -catenin signalling inhibitors and uraemic vascular calcifications. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 1356-1363.	0.7	42
9	The Risk Factors and the Impact of Hernia Development on Technique Survival in Peritoneal Dialysis Patients: A Population-Based Cohort Study. <i>Peritoneal Dialysis International</i> , 2015, 35, 351-359.	2.3	41
10	Determinants of Catheter Loss following Continuous Ambulatory Peritoneal Dialysis Peritonitis. <i>Peritoneal Dialysis International</i> , 2008, 28, 361-370.	2.3	40
11	Adverse Effects of Oral Nonselective and cyclooxygenase-2-Selective NSAIDs on Hospitalization for Acute Kidney Injury. <i>Medicine (United States)</i> , 2016, 95, e2645.	1.0	39
12	Essential trace element status and clinical outcomes in long-term dialysis patients: A two-year prospective observational cohort study. <i>Clinical Nutrition</i> , 2012, 31, 630-636.	5.0	35
13	Postdialysis blood pressure rise predicts long-term outcomes in chronic hemodialysis patients: a four-year prospective observational cohort study. <i>BMC Nephrology</i> , 2012, 13, 12.	1.8	34
14	Diet, gut microbiome and indoxyl sulphate in chronic kidney disease patients. <i>Nephrology</i> , 2018, 23, 16-20.	1.6	34
15	Diagnostic Accuracy of Urine Protein/Creatinine Ratio Is Influenced by Urine Concentration. <i>PLoS ONE</i> , 2015, 10, e0137460.	2.5	33
16	BK Polyomavirus Nephropathy in Kidney Transplantation: Balancing Rejection and Infection. <i>Viruses</i> , 2021, 13, 487.	3.3	32
17	Association between Use of Oral Anti-Diabetic Drugs and the Risk of Sepsis: A Nested Case-Control Study. <i>Scientific Reports</i> , 2015, 5, 15260.	3.3	29
18	A Novel Wireless Photoplethysmography Blood-Flow Volume Sensor for Assessing Arteriovenous Fistula of Hemodialysis Patients. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 9626-9635.	7.9	26

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19	Adipose-derived mesenchymal stem cells attenuate dialysis-induced peritoneal fibrosis by modulating macrophage polarization via interleukin-6. <i>Stem Cell Research and Therapy</i> , 2021, 12, 193.	5.5	26
20	Long-term Outcomes of Parathyroidectomy in Kidney Transplant Recipients with Persistent Hyperparathyroidism. <i>Kidney and Blood Pressure Research</i> , 2015, 40, 386-394.	2.0	25
21	Synbiotics Alleviate the Gut Indole Load and Dysbiosis in Chronic Kidney Disease. <i>Cells</i> , 2021, 10, 114.	4.1	25
22	Determinants of catheter loss following continuous ambulatory peritoneal dialysis peritonitis. <i>Peritoneal Dialysis International</i> , 2008, 28, 361-70.	2.3	25
23	Immunosuppressant dose reduction and long-term rejection risk in renal transplant recipients with severe bacterial pneumonia. <i>Singapore Medical Journal</i> , 2014, 55, 372-377.	0.6	23
24	Tacrolimus Blood Level Fluctuation Predisposes to Coexisting BK Virus Nephropathy and Acute Allograft Rejection. <i>Scientific Reports</i> , 2017, 7, 1986.	3.3	20
25	Mortality rate of end-stage kidney disease patients in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2022, 121, S12-S19.	1.7	19
26	Plasma Protein Characteristics of Long-Term Hemodialysis Survivors. <i>PLoS ONE</i> , 2012, 7, e40232.	2.5	16
27	Parathyroidectomy Reduces Intradialytic Hypotension in Hemodialysis Patients with Secondary Hyperparathyroidism. <i>Kidney and Blood Pressure Research</i> , 2013, 37, 323-331.	2.0	15
28	Comparison of Simplified Creatinine Index and Systemic Inflammatory Markers for Nutritional Evaluation of Hemodialysis Patients. <i>Nutrients</i> , 2021, 13, 1870.	4.1	15
29	Effect of add-on direct renin inhibitor aliskiren in patients with non-diabetes related chronic kidney disease. <i>BMC Nephrology</i> , 2012, 13, 89.	1.8	14
30	The Anastomotic Angle of Hemodialysis Arteriovenous Fistula Is Associated With Flow Disturbance at the Venous Stenosis Location on Angiography. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 846.	4.1	14
31	Timing of Doppler examination for the detection of arteriovenous fistula after percutaneous renal biopsy. <i>Journal of Clinical Ultrasound</i> , 2008, 36, 377-380.	0.8	13
32	Sunitinib-induced Nephrotic Syndrome in Association with Drug Response in a Patient with Xp11.2 Translocation Renal Cell Carcinoma. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 1277-1281.	1.3	13
33	Angiotensin receptor blockers are associated with lower mortality than ACE inhibitors in predialytic stage 5 chronic kidney disease: A nationwide study of therapy with renin-angiotensin system blockade. <i>PLoS ONE</i> , 2017, 12, e0189126.	2.5	13
34	Clinical and Genetic Factors Associated With Thiazide-Induced Hyponatremia. <i>Medicine (United States)</i> , 2015, 94, e1422.	1.0	12
35	Hyperuricemia Predicts an Early Decline in Renal Function among Older People: A Community-Based Cohort Study. <i>Scientific Reports</i> , 2019, 9, 980.	3.3	12
36	Machine Learning Classification for Assessing the Degree of Stenosis and Blood Flow Volume at Arteriovenous Fistulas of Hemodialysis Patients Using a New Photoplethysmography Sensor Device. <i>Sensors</i> , 2019, 19, 3422.	3.8	11

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37	Timing of kidney biopsy in type 2 diabetic patients: a stepwise approach. BMC Nephrology, 2020, 21, 131.	1.8	10
38	Aggressive Immunosuppressant Reduction and Long-Term Rejection Risk in Renal Transplant Recipients with Pneumocystis jiroveci Pneumonia. Experimental and Clinical Transplantation, 2012, 10, 344-349.	0.5	10
39	2022 Taiwan lipid guidelines for primary prevention. Journal of the Formosan Medical Association, 2022, 121, 2393-2407.	1.7	10
40	Appendicitis in a CAPD Patient: A Diagnostic Challenge. Peritoneal Dialysis International, 2007, 27, 591-593.	2.3	9
41	Urinary Protein/Creatinine Ratio Weighted by Estimated Urinary Creatinine Improves the Accuracy of Predicting Daily Proteinuria. American Journal of the Medical Sciences, 2015, 349, 477-487.	1.1	8
42	Targeting cannabinoid signaling for peritoneal dialysis-induced oxidative stress and fibrosis. World Journal of Nephrology, 2017, 6, 111.	2.0	8
43	A Portable, Wireless Photoplethysmography Sensor for Assessing Health of Arteriovenous Fistula Using Class-Weighted Support Vector Machine. Sensors, 2018, 18, 3854.	3.8	8
44	Effect of Renin-Angiotensin-Aldosterone System Blockade on Long-Term Outcomes in Postacute Kidney Injury Patients With Hypertension*. Critical Care Medicine, 2020, 48, e1185-e1193.	0.9	8
45	Risk Factors for <i>Pneumocystis jiroveci</i> Pneumonia in Glomerulonephritis Patients Receiving Immunosuppressants. Internal Medicine, 2012, 51, 2869-2875.	0.7	7
46	Ankle-Brachial Index Is a Powerful Predictor of Renal Outcome and Cardiovascular Events in Patients with Chronic Kidney Disease. Scientific World Journal, The, 2012, 2012, 1-6.	2.1	7
47	Angiotensin-converting enzyme inhibitors, angiotensin II receptor blockers and the risk of major adverse cardiac events in patients with diabetes and prior stroke. Journal of Hypertension, 2016, 34, 567-575.	0.5	7
48	Theoretical developments and clinical experiments of measuring blood flow volume (BFV) at arteriovenous fistula (AVF) using a photoplethysmography (PPG) sensor. Microsystem Technologies, 2018, 24, 4587-4603.	2.0	7
49	Hemodialysis vascular access care during the COVID-19 pandemic. Journal of the Chinese Medical Association, 2020, 83, 634-638.	1.4	7
50	Molecular Mechanisms of Mesenchymal Stem Cell-Based Therapy in Acute Kidney Injury. International Journal of Molecular Sciences, 2021, 22, 11406.	4.1	7
51	Tubulointerstitial nephritis and uveitis syndrome (TINU) with Fanconi's syndrome. Clinical Nephrology, 2011, 75 Suppl 1, 75-8.	0.7	7
52	Cannabinoid Receptors as Therapeutic Targets for Dialysis-Induced Peritoneal Fibrosis. American Journal of Nephrology, 2013, 37, 50-58.	3.1	6
53	Impact of Thyroid Dysfunction on Erythropoietin Dosage in Hemodialysis Patients. Thyroid, 2013, 23, 552-561.	4.5	6
54	Daptomycin antibiotic lock therapy for hemodialysis patients with Gram-positive bloodstream infections following use of tunneled, cuffed hemodialysis catheters: retrospective single center analysis. Hemodialysis International, 2016, 20, 315-320.	0.9	6

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55	Tubo-ovarian abscess with sepsis in a nonagenarian woman: a case report and literature review. BMC Women's Health, 2019, 19, 81.	2.0	6
56	Benign Pneumatosis Intestinalis. Internal Medicine, 2014, 53, 1589-1590.	0.7	5
57	Fixed dose of long-acting erythropoietic stimulating agents at higher frequency improves appetite, reduces inflammation and corrects anaemia in patients on haemodialysis. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 875-882.	1.9	5
58	Machine Learning Analysis of Time-Dependent Features for Predicting Adverse Events During Hemodialysis Therapy: Model Development and Validation Study. Journal of Medical Internet Research, 2021, 23, e27098.	4.3	5
59	Weight-Based Assessment of Access Flow Threshold to Predict Arteriovenous Fistula Functional Patency. Kidney International Reports, 2022, 7, 507-515.	0.8	5
60	Appendicitis in a CAPD patient: a diagnostic challenge. Peritoneal Dialysis International, 2007, 27, 591-3.	2.3	5
61	Cervical cancer with pyometra—an insidious cause of uraemia in a post-menopausal woman. Nephrology Dialysis Transplantation, 2006, 21, 2984-2985.	0.7	4
62	Bronchoalveolar lavage fluid analysis and mortality risk in systemic lupus erythematosus patients with pneumonia and respiratory failure. Journal of Microbiology, Immunology and Infection, 2021, 54, 1048-1055.	3.1	4
63	Relationship between Circulating Galectin-3, Systemic Inflammation, and Protein-Energy Wasting in Chronic Hemodialysis Patients. Nutrients, 2021, 13, 2803.	4.1	4
64	OTX1 is a novel regulator of proliferation, migration, invasion and apoptosis in lung adenocarcinoma. European Review for Medical and Pharmacological Sciences, 2020, 24, 9497-9510.	0.7	4
65	AN69 Filter Membranes with High Ultrafiltration Rates during Continuous Venovenous Hemofiltration Reduce Mortality in Patients with Sepsis-Induced Multiorgan Dysfunction Syndrome. Membranes, 2021, 11, 837.	3.0	4
66	Plasma Galectin-9 Is a Useful Biomarker for Predicting Renal Function in Patients Undergoing Native Kidney Biopsy. Archives of Pathology and Laboratory Medicine, 2023, 147, 167-176.	2.5	4
67	Far-Infrared Therapy Improves Arteriovenous Fistula Patency and Decreases Plasma Asymmetric Dimethylarginine in Patients with Advanced Diabetic Kidney Disease: A Prospective Randomized Controlled Trial. Journal of Clinical Medicine, 2022, 11, 4168.	2.4	4
68	Shift from darbepoetin- α to continuous erythropoietin receptor activator decreases serum aluminium concentration in patients on hemodialysis. Environmental Toxicology and Pharmacology, 2016, 45, 108-114.	4.0	3
69	Starry-sky bowels. International Journal of Colorectal Disease, 2018, 33, 1807-1808.	2.2	3
70	C α 02, a novel benzamide-linked small molecule, blunts NF κ B activation and NLRP3 inflammasome assembly and improves acute onset of accelerated and severe lupus nephritis in mice. FASEB Journal, 2021, 35, e21785.	0.5	3
71	Lentiform fork sign in a uremic patient after inadvertent exposure to metformin. Clinical Toxicology, 2022, 60, 406-407.	1.9	3
72	Giant bilateral perinephric tumour and overt proteinuria. Nephrology Dialysis Transplantation, 2007, 22, 2089-2090.	0.7	2

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73	A dialysis patient with a nodular tongue. <i>Kidney International</i> , 2010, 78, 624.	5.2	2
74	Uremia Induces Dental Pulp Ossification but Reciprocally Inhibits Adjacent Alveolar Bone Osteogenesis. <i>Calcified Tissue International</i> , 2015, 97, 466-475.	3.1	2
75	Quality Evaluation via PPG on the AVFs of Hemodialysis Patients Based on Both Blood Flow Volume and Degree of Stenosis. , 2019, , .		2
76	Pentraxin 3 Predicts Arteriovenous Fistula Functional Patency Loss and Mortality in Chronic Hemodialysis Patients. <i>American Journal of Nephrology</i> , 2022, 53, 148-156.	3.1	2
77	Direct Antistaphylococcal Effects of High-Dose Aspirin in Hemodialysis Patients?. <i>American Journal of Kidney Diseases</i> , 2007, 50, 342.	1.9	1
78	Encapsulating Peritoneal Sclerosis and Aortic Calcification with Near-total Occlusion. <i>Journal of Emergency Medicine</i> , 2012, 42, 695-697.	0.7	1
79	Renal Infarction due to Renal Artery Dissection: A Diagnostic Challenge. <i>American Journal of the Medical Sciences</i> , 2017, 353, e15.	1.1	1
80	IgM mesangial deposition as a risk factor for relapses of adult-onset minimal change disease. <i>BMC Nephrology</i> , 2021, 22, 25.	1.8	1
81	Magnesium exposure increases hip fracture risks in patients with chronic kidney disease: a population-based nested caseâ€“control study. <i>Osteoporosis International</i> , 2022, , 1.	3.1	1
82	Factors affecting arteriovenous access patency after percutaneous transluminal angioplasty in chronic haemodialysis patients under vascular access monitoring and surveillance: a single-centre observational study. <i>BMJ Open</i> , 2022, 12, e055763.	1.9	1
83	The Calcified Abdomen. <i>American Journal of the Medical Sciences</i> , 2011, 342, 519.	1.1	0
84	Staghorn Blood Clot. <i>Internal Medicine</i> , 2011, 50, 2715-2715.	0.7	0
85	An Unusual Intra-abdominal Calcification in a Plain Film. <i>American Journal of the Medical Sciences</i> , 2014, 347, 234.	1.1	0
86	053 PEROXIREDOXIN 3 AS A PREDICTOR OF RENAL RECOVERY FROM ACUTE TUBULAR NECROSIS IN PATIENTS WITH ACUTE KIDNEY INJURY. <i>Kidney International Reports</i> , 2017, 2, S34.	0.8	0
87	Isolated Crystalloid Podocytopathy With Focal Segmental Glomerulosclerosis in Renal Allograft: An Unusual Presentation of Post-Transplant Monoclonal Gammopathy of Renal Significanceâ€“A Case Report. <i>Transplantation Proceedings</i> , 2017, 49, 2299-2301.	0.6	0
88	Double diaphragmatic contour. <i>Abdominal Radiology</i> , 2018, 43, 1277-1278.	2.1	0
89	SP438BIOPSY OR NOT? PREDICTORS OF PURE DIABETIC NEPHROPATHY IN TYPE 2 DIABETES PATIENTS. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i496-i496.	0.7	0
90	A Gaseous Kidney and Ureter. <i>American Journal of the Medical Sciences</i> , 2019, 358, e25.	1.1	0

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91	Symmetric nephromegaly. Clinical and Experimental Nephrology, 2019, 23, 427-428.	1.6	0
92	Cardiac Silhouette. American Journal of the Medical Sciences, 2020, 360, 75-76.	1.1	0
93	A Nautilus kidney. Clinical and Experimental Nephrology, 2020, 24, 971-972.	1.6	0
94	Tranexamic acid retention for gallbladder bleeding. Journal of Gastrointestinal and Liver Diseases, 2021, 30, 173-173.	0.9	0
95	An eighth note. Perfusion (United Kingdom), 2021, , 026765912110409.	1.0	0
96	Mechanical and chemical cues synergistically promote human venous smooth muscle cell osteogenesis through integrin α 2 β 1 \rightarrow ERK1/2 signaling: A cell model of hemodialysis fistula calcification. FASEB Journal, 2021, 35, e22042.	0.5	0
97	Inverse Relationship between Mean Corpuscular Volume and T-Score in Chronic Dialysis Patients. Medicina (Lithuania), 2022, 58, 497.	2.0	0
98	Matcha \rightarrow like ascites. Therapeutic Apheresis and Dialysis, 2022, 26, 854-855.	0.9	0
99	Functioning tailor-made 3D-printed vascular graft for hemodialysis. Journal of Vascular Access, 2024, 25, 244-253.	0.9	0