

Chih-Wei Yang

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

3,253
citations

159585

30
h-index

175258

52
g-index

101
all docs

101
docs citations

101
times ranked

4737
citing authors

#	ARTICLE	IF	CITATIONS
1	The Novel Coronavirus 2019 epidemic and kidneys. <i>Kidney International</i> , 2020, 97, 824-828.	5.2	502
2	Status of care for end stage kidney disease in countries and regions worldwide: international cross sectional survey. <i>BMJ: British Medical Journal</i> , 2019, 367, l5873.	2.3	131
3	Global nephrology workforce: gaps and opportunities toward a sustainable kidney care system. <i>Kidney International Supplements</i> , 2018, 8, 52-63.	14.2	123
4	Development of an International Standard Set of Value-Based Outcome Measures for Patients With Chronic Kidney Disease: A Report of the International Consortium for Health Outcomes Measurement (ICHOM) CKD Working Group. <i>American Journal of Kidney Diseases</i> , 2019, 73, 372-384.	1.9	90
5	The Leptospira Outer Membrane Protein LipL32 Induces Tubulointerstitial Nephritis-Mediated Gene Expression in Mouse Proximal Tubule Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 2037-2045.	6.1	89
6	MicroRNA-17 Modulates Regulatory T Cell Function by Targeting Co-regulators of the Foxp3 Transcription Factor. <i>Immunity</i> , 2016, 45, 83-93.	14.3	85
7	Global access of patients with kidney disease to health technologies and medications: findings from the Global Kidney Health Atlas project. <i>Kidney International Supplements</i> , 2018, 8, 64-73.	14.2	82
8	Acute kidney injury in adults receiving extracorporeal membrane oxygenation. <i>Journal of the Formosan Medical Association</i> , 2014, 113, 778-785.	1.7	70
9	Leptospirosis Renal Disease: Emerging Culprit of Chronic Kidney Disease Unknown Etiology. <i>Nephron</i> , 2018, 138, 129-136.	1.8	66
10	Leptospira Outer Membrane Protein Activates NF- κ B and Downstream Genes Expressed in Medullary Thick Ascending Limb Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 2017-2026.	6.1	64
11	Peritoneal Dialysis Use and Practice Patterns: An International Survey Study. <i>American Journal of Kidney Diseases</i> , 2021, 77, 315-325.	1.9	62
12	Overlooked Risk for Chronic Kidney Disease after Leptospiral Infection: A Population-Based Survey and Epidemiological Cohort Evidence. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004105.	3.0	61
13	Genetic and environmental risk factors for chronic kidney disease. <i>Kidney International Supplements</i> , 2017, 7, 88-106.	14.2	57
14	The AMPK Agonist AICAR Inhibits TGF- β 1 Induced Activation of Kidney Myofibroblasts. <i>PLoS ONE</i> , 2014, 9, e106554.	2.5	56
15	Metformin Inhibits Cyst Formation in a Zebrafish Model of Polycystin-2 Deficiency. <i>Scientific Reports</i> , 2017, 7, 7161.	3.3	53
16	Global case studies for chronic kidney disease/end-stage kidney disease care. <i>Kidney International Supplements</i> , 2020, 10, e24-e48.	14.2	53
17	Leptospiral Outer Membrane Protein Induces Extracellular Matrix Accumulation through a TGF- β 1/Smad-Dependent Pathway. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 2792-2798.	6.1	51
18	Leptospiral membrane proteins stimulate pro-inflammatory chemokines secretion by renal tubule epithelial cells through toll-like receptor 2 and p38 mitogen activated protein kinase. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 898-910.	0.7	49

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19	Comparison of RIFLE, AKIN, and KDIGO classifications for assessing prognosis of patients on extracorporeal membrane oxygenation. <i>Journal of the Formosan Medical Association</i> , 2017, 116, 844-851.	1.7	47
20	CLINICAL IMPROVEMENT BY INCREASED FREQUENCY OF ON-LINE HEMODIALFILTRATION. <i>Renal Failure</i> , 2001, 23, 193-206.	2.1	45
21	Acute Kidney Injury Classification for Critically Ill Cirrhotic Patients: A Comparison of the KDIGO, AKIN and RIFLE Classifications. <i>Scientific Reports</i> , 2016, 6, 23022.	3.3	44
22	Leptospiral Outer Membrane Lipoprotein LipL32 Binding on Toll-like Receptor 2 of Renal Cells As Determined with an Atomic Force Microscope. <i>Biochemistry</i> , 2010, 49, 5408-5417.	2.5	43
23	Sequence of <i>Leptospira santarosai</i> serovar Shermani genome and prediction of virulence-associated genes. <i>Gene</i> , 2012, 511, 364-370.	2.2	43
24	Disease burden and challenges of chronic kidney disease in North and East Asia. <i>Kidney International</i> , 2018, 94, 22-25.	5.2	43
25	Global overview of health systems oversight and financing for kidney care. <i>Kidney International Supplements</i> , 2018, 8, 41-51.	14.2	41
26	Calcium Binds to LipL32, a Lipoprotein from Pathogenic <i>Leptospira</i> , and Modulates Fibronectin Binding. <i>Journal of Biological Chemistry</i> , 2010, 285, 3245-3252.	3.4	40
27	Acute Kidney Injury Enhances Outcome Prediction Ability of Sequential Organ Failure Assessment Score in Critically Ill Patients. <i>PLoS ONE</i> , 2014, 9, e109649.	2.5	38
28	Argininosuccinate synthetase 1 contributes to gastric cancer invasion and progression by modulating autophagy. <i>FASEB Journal</i> , 2018, 32, 2601-2614.	0.5	36
29	A circulating miRNA signature for early diagnosis of acute kidney injury following acute myocardial infarction. <i>Journal of Translational Medicine</i> , 2019, 17, 139.	4.4	33
30	Acute Respiratory Distress Syndrome With and Without Extracorporeal Membrane Oxygenation: A Score Matched Study. <i>Annals of Thoracic Surgery</i> , 2015, 100, 458-464.	1.3	31
31	Leptospiral outer membrane protein LipL32 induces inflammation and kidney injury in zebrafish larvae. <i>Scientific Reports</i> , 2016, 6, 27838.	3.3	31
32	High-Sensitivity C-Reactive Protein Predicts Mortality and Technique Failure in Peritoneal Dialysis Patients. <i>PLoS ONE</i> , 2014, 9, e93063.	2.5	30
33	Prognosis of Patients With Acute Respiratory Distress Syndrome on Extracorporeal Membrane Oxygenation: the Impact of Urine Output on Mortality. <i>Annals of Thoracic Surgery</i> , 2014, 97, 1939-1944.	1.3	29
34	Polyomavirus BK-encoded microRNA suppresses autoregulation of viral replication. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 543-549.	2.1	29
35	Essential Calcium-binding Cluster of <i>Leptospira</i> LipL32 Protein for Inflammatory Responses through the Toll-like Receptor 2 Pathway. <i>Journal of Biological Chemistry</i> , 2013, 288, 12335-12344.	3.4	28
36	Risk factors and their interaction on chronic kidney disease: A multi-centre case control study in Taiwan. <i>BMC Nephrology</i> , 2015, 16, 83.	1.8	28

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37	Serum indoxyl sulfate predicts adverse cardiovascular events in patients with chronic kidney disease. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 1099-1106.	1.7	28
38	Scoring Systems for Predicting Mortality after Liver Transplantation. <i>PLoS ONE</i> , 2014, 9, e107138.	2.5	25
39	Interleukin-17A induces renal fibrosis through the ERK and Smad signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2020, 123, 109741.	5.6	25
40	Hyperuricemia and Progression of Chronic Kidney Disease: A Review from Physiology and Pathogenesis to the Role of Urate-Lowering Therapy. <i>Diagnostics</i> , 2021, 11, 1674.	2.6	25
41	Global coverage of health information systems for kidney disease: availability, challenges, and opportunities for development. <i>Kidney International Supplements</i> , 2018, 8, 74-81.	14.2	24
42	Framework for establishing integrated kidney care programs in low- and middle-income countries. <i>Kidney International Supplements</i> , 2020, 10, e19-e23.	14.2	24
43	Hemodialysis Use and Practice Patterns: An International Survey Study. <i>American Journal of Kidney Diseases</i> , 2021, 77, 326-335.e1.	1.9	24
44	Association of Glucagon-Like Peptide-1 Receptor Agonist vs Dipeptidyl Peptidase-4 Inhibitor Use With Mortality Among Patients With Type 2 Diabetes and Advanced Chronic Kidney Disease. <i>JAMA Network Open</i> , 2022, 5, e221169.	5.9	24
45	Inhibition of spleen tyrosine kinase (syk) suppresses renal fibrosis through anti-inflammatory effects and down regulation of the MAPK-p38 pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 74, 135-144.	2.8	23
46	Effect of Trehalose Supplementation on Autophagy and Cystogenesis in a Mouse Model of Polycystic Kidney Disease. <i>Nutrients</i> , 2019, 11, 42.	4.1	23
47	Active Components of <i>Leptospira</i> Outer Membrane Protein LipL32 to Toll-Like Receptor 2. <i>Scientific Reports</i> , 2017, 7, 8363.	3.3	22
48	Guidelines, policies, and barriers to kidney care: findings from a global survey. <i>Kidney International Supplements</i> , 2018, 8, 30-40.	14.2	21
49	LipL41, a Hemin Binding Protein from <i>Leptospira santarosai</i> serovar Shermani. <i>PLoS ONE</i> , 2013, 8, e83246.	2.5	19
50	Prognostic factors and complication rates for double-filtration plasmapheresis in patients with Guillain-Barré syndrome. <i>Transfusion and Apheresis Science</i> , 2015, 52, 78-83.	1.0	19
51	Prognostic factors and treatment effect of standard-volume plasma exchange for acute and acute-on-chronic liver failure: A single-center retrospective study. <i>Transfusion and Apheresis Science</i> , 2018, 57, 537-543.	1.0	18
52	Murine Renal Transcriptome Profiles Upon Leptospiral Infection: Implications for Chronic Kidney Diseases. <i>Journal of Infectious Diseases</i> , 2018, 218, 1411-1423.	4.0	18
53	Nutrition Risk Assessment Using the Modified NUTRIC Score in Cirrhotic Patients with Acute Gastroesophageal Variceal Bleeding: Prevalence of High Nutrition Risk and its Independent Prognostic Value. <i>Nutrients</i> , 2019, 11, 2152.	4.1	18
54	Comparative Renoprotective Effect of Febuxostat and Allopurinol in Predialysis Stage 5 Chronic Kidney Disease Patients: A Nationwide Database Analysis. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 1159-1169.	4.7	18

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55	Availability, Accessibility, and Quality of Conservative Kidney Management Worldwide. <i>Clinical Journal of the American Society of Nephrology</i> ; 2021, 16, 79-87.	4.5	18
56	Sequential organ failure assessment score predicts mortality after coronary artery bypass grafting. <i>BMC Surgery</i> , 2017, 17, 22.	1.3	17
57	Leptospirosis in Taiwan—an underestimated infectious disease. <i>Chang Gung Medical Journal</i> , 2007, 30, 109-115.	0.7	17
58	Red cell distribution width associated with adverse cardiovascular outcomes in patients with chronic kidney disease. <i>BMC Nephrology</i> , 2017, 18, 361.	1.8	16
59	Lipopolysaccharide binding protein in cirrhotic patients with severe sepsis. <i>Journal of the Chinese Medical Association</i> , 2014, 77, 68-74.	1.4	14
60	Global capacity for clinical research in nephrology: a survey by the International Society of Nephrology. <i>Kidney International Supplements</i> , 2018, 8, 82-89.	14.2	13
61	The role of kidney transplantation as a component of integrated care for chronic kidney disease. <i>Kidney International Supplements</i> , 2020, 10, e78-e85.	14.2	13
62	Peptidoglycan mediates <i>Leptospira</i> outer membrane protein Loa22 to toll-like receptor 2 for inflammatory interaction: a novel innate immune recognition. <i>Scientific Reports</i> , 2021, 11, 1064.	3.3	13
63	Potential impact on kidney infection: a whole-genome analysis of <i>Leptospira santarosai</i> serovar Shermani. <i>Emerging Microbes and Infections</i> , 2014, 3, 1-11.	6.5	12
64	Risk Stratification of Upper Urinary Tract Urothelial Carcinoma Patients for Survival Prediction: A Simple Summation Scoring Method. <i>Journal of Cancer</i> , 2018, 9, 2284-2294.	2.5	12
65	High anti-neutrophil cytoplasmic antibody titers are associated with the requirement of permanent dialysis in patients with myeloperoxidase-ANCA-associated vasculitis. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 1408-1415.	1.7	11
66	Pioglitazone Reduces Mortality and Adverse Events in Patients With Type 2 Diabetes and With Advanced Chronic Kidney Disease: National Cohort Study. <i>Diabetes Care</i> , 2020, 43, e152-e153.	8.6	11
67	Insight into the Structure, Functions, and Dynamics of the <i>Leptospira</i> Outer Membrane Proteins with the Pathogenicity. <i>Membranes</i> , 2022, 12, 300.	3.0	11
68	Metformin induces lactate accumulation and accelerates renal cyst progression in <i>Pkd1</i> -deficient mice. <i>Human Molecular Genetics</i> , 2022, 31, 1560-1573.	2.9	11
69	Stimulation of transforming growth factor-beta-1 and contact with type I collagen cooperatively facilitate irreversible transdifferentiation in proximal tubular cells. <i>Biomedical Journal</i> , 2016, 39, 39-49.	3.1	10
70	Effect of celastrol on the progression of polycystic kidney disease in a <i>Pkd1</i> -deficient mouse model. <i>Life Sciences</i> , 2018, 212, 70-79.	4.3	10
71	International Society of Nephrology Global Kidney Health Atlas: structures, organization and services for the management of kidney failure in North and East Asia. <i>Kidney International Supplements</i> , 2021, 11, e77-e85.	14.2	10
72	Society of Thoracic Surgeons Score Predicts Kidney Injury in Patients Not Undergoing Bypass Surgery. <i>Annals of Thoracic Surgery</i> , 2015, 99, 123-129.	1.3	9

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73	Conversion to mTOR-inhibitors with calcineurin inhibitor elimination or minimization reduces urinary polyomavirus BK load in kidney transplant recipients. <i>Journal of the Formosan Medical Association</i> , 2016, 115, 539-546.	1.7	9
74	Availability, coverage, and scope of health information systems for kidney care across world countries and regions. <i>Nephrology Dialysis Transplantation</i> , 2021, 37, 159-167.	0.7	9
75	Crosstalk between E-Cadherin/ β -Catenin and NF- κ B Signaling Pathways: The Regulation of Host-Pathogen Interaction during Leptospirosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13132.	4.1	9
76	The establishment and validation of novel therapeutic targets to retard progression of chronic kidney disease. <i>Kidney International Supplements</i> , 2017, 7, 130-137.	14.2	8
77	Transcriptomic signatures of exacerbated progression in leptospirosis subclinical chronic kidney disease with secondary nephrotoxic injury. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F1001-F1018.	2.7	8
78	Serum phosphate as an additional marker for initiating hemodialysis in patients with advanced chronic kidney disease. <i>Biomedical Journal</i> , 2015, 38, 531-537.	3.1	7
79	Substrate-induced Changes in Domain Interaction of Vacuolar H ⁺ -Pyrophosphatase. <i>Journal of Biological Chemistry</i> , 2015, 290, 1197-1209.	3.4	7
80	Role of anuria in the relationship between indoxyl sulfate and anemia in peritoneal dialysis patients. <i>Therapeutics and Clinical Risk Management</i> , 2016, Volume 12, 1797-1803.	2.0	7
81	Effect of Anemia on Prognosis in Patients on Extracorporeal Membrane Oxygenation. <i>Artificial Organs</i> , 2018, 42, 705-713.	1.9	7
82	The association between polyomavirus BK strains and BKV viremia in liver transplant recipients. <i>Scientific Reports</i> , 2016, 6, 28491.	3.3	6
83	Enhanced early immune response of leptospiral outer membrane protein LipL32 stimulated by narrow band mid-infrared exposure. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 198, 111560.	3.8	6
84	Crystal structure of <i>Leptospira</i> leucine-rich repeat 20 reveals a novel E-cadherin binding protein to induce NGAL expression in HK2 cells. <i>Biochemical Journal</i> , 2020, 477, 4313-4326.	3.7	6
85	Prognostic value of endothelial biomarkers in refractory cardiogenic shock with ECLS: a prospective monocentric study. <i>BMC Anesthesiology</i> , 2019, 19, 73.	1.8	4
86	Prognosis of critically ill cirrhotic versus non-cirrhotic patients: a comprehensive score-matched study. <i>BMC Anesthesiology</i> , 2014, 14, 123.	1.8	3
87	Pioglitazone Is Associated with Lower Major Adverse Cardiovascular and Cerebrovascular Events than DPP4-Inhibitors in Diabetic Patients with End-Stage Renal Disease: A Taiwan Nationwide Cohort Study, 2006–2016. <i>Journal of Clinical Medicine</i> , 2020, 9, 3578.	2.4	3
88	<i>Candida</i> Cholecystitis in a Diabetic Patient on Chronic Peritoneal Dialysis. <i>Dialysis and Transplantation</i> , 2008, 37, 458-459.	0.2	2
89	Electrical characterization of a gate-recessed AlGaIn/GaN high-electron-mobility transistor with a p-GaN passivation layer. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2016, 34, .	1.2	2
90	Urine Cofilin-1 Detection for Predicting Type 1 Cardiorenal Syndrome in the Coronary Care Unit: A Gold Nanoparticle- and Laser-Based Approach. <i>CardioRenal Medicine</i> , 2018, 8, 302-310.	1.9	2

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91	Mycophenolic acid reduces renin-angiotensin-system activity in cultured mouse medullary thick ascending limb cells. <i>Transplant International</i> , 2002, 15, 655-659.	1.6	1
92	Concurrent Cytomegalovirus Colitis and <i>Bacteroides fragilis</i> Peritonitis in a Peritoneal Dialysis Patient. <i>Peritoneal Dialysis International</i> , 2015, 35, 587-588.	2.3	1
93	Implication of the IL-10-Expression Signature in the Pathogenicity of <i>Leptospira</i> -Infected Macrophages. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	1
94	Reduced Risk of Sepsis and Related Mortality in Chronic Kidney Disease Patients on Xanthine Oxidase Inhibitors: A National Cohort Study. <i>Frontiers in Medicine</i> , 2021, 8, 818132.	2.6	0