

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
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101
all docs

101
docs citations

101
times ranked

4737
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight into the Structure, Functions, and Dynamics of the Leptospira Outer Membrane Proteins with the Pathogenicity. <i>Membranes</i> , 2022, 12, 300.	3.0	11
2	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
3	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
4	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
5	Availability, Accessibility, and Quality of Conservative Kidney Management Worldwide. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 79-87.	4.5	18
6	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
7	Peritoneal Dialysis Use and Practice Patterns: An International Survey Study. <i>American Journal of Kidney Diseases</i> , 2021, 77, 315-325.	1.9	62
8	Hemodialysis Use and Practice Patterns: An International Survey Study. <i>American Journal of Kidney Diseases</i> , 2021, 77, 326-335.e1.	1.9	24
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	Interleukin-17A induces renal fibrosis through the ERK and Smad signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2020, 123, 109741.	5.6	25
17	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
18	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

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19	The Novel Coronavirus 2019 epidemic and kidneys. <i>Kidney International</i> , 2020, 97, 824-828.	5.2	502
20	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
21	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
22	Global case studies for chronic kidney disease/end-stage kidney disease care. <i>Kidney International Supplements</i> , 2020, 10, e24-e48.	14.2	53
23	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
24	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
25	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, 15873.	2.3	131
26	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
27	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
28	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
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	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
31	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
32	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
33	Effect of Anemia on Prognosis in Patients on Extracorporeal Membrane Oxygenation. <i>Artificial Organs</i> , 2018, 42, 705-713.	1.9	7
34	Global nephrology workforce: gaps and opportunities toward a sustainable kidney care system. <i>Kidney International Supplements</i> , 2018, 8, 52-63.	14.2	123
35	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
36	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

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37	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
38	Guidelines, policies, and barriers to kidney care: findings from a global survey. <i>Kidney International Supplements</i> , 2018, 8, 30-40.	14.2	21
39	Global overview of health systems oversight and financing for kidney care. <i>Kidney International Supplements</i> , 2018, 8, 41-51.	14.2	41
40	Disease burden and challenges of chronic kidney disease in North and East Asia. <i>Kidney International</i> , 2018, 94, 22-25.	5.2	43
41	Leptospirosis Renal Disease: Emerging Culprit of Chronic Kidney Disease Unknown Etiology. <i>Nephron</i> , 2018, 138, 129-136.	1.8	66
42	Effect of celastrol on the progression of polycystic kidney disease in a Pkd1-deficient mouse model. <i>Life Sciences</i> , 2018, 212, 70-79.	4.3	10
43	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
44	Argininosuccinate synthetase 1 contributes to gastric cancer invasion and progression by modulating autophagy. <i>FASEB Journal</i> , 2018, 32, 2601-2614.	0.5	36
45	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
46	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
47	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
48	Sequential organ failure assessment score predicts mortality after coronary artery bypass grafting. <i>BMC Surgery</i> , 2017, 17, 22.	1.3	17
49	Genetic and environmental risk factors for chronic kidney disease. <i>Kidney International Supplements</i> , 2017, 7, 88-106.	14.2	57
50	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
51	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
52	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
53	Metformin Inhibits Cyst Formation in a Zebrafish Model of Polycystin-2 Deficiency. <i>Scientific Reports</i> , 2017, 7, 7161.	3.3	53
54	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

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55	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
56	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
57	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
58	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
59	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
60	Leptospiral outer membrane protein LipL32 induces inflammation and kidney injury in zebrafish larvae. <i>Scientific Reports</i> , 2016, 6, 27838.	3.3	31
61	The association between polyomavirus BK strains and BKV viraemia in liver transplant recipients. <i>Scientific Reports</i> , 2016, 6, 28491.	3.3	6
62	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
63	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
64	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
65	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
66	Substrate-induced Changes in Domain Interaction of Vacuolar H ⁺ -Pyrophosphatase. <i>Journal of Biological Chemistry</i> , 2015, 290, 1197-1209.	3.4	7
67	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
68	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
69	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
70	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
71	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
72	High-Sensitivity C-Reactive Protein Predicts Mortality and Technique Failure in Peritoneal Dialysis Patients. <i>PLoS ONE</i> , 2014, 9, e93063.	2.5	30

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73	Scoring Systems for Predicting Mortality after Liver Transplantation. PLoS ONE, 2014, 9, e107138.	2.5	25
74	Prognosis of critically ill cirrhotic versus non-cirrhotic patients: a comprehensive score-matched study. BMC Anesthesiology, 2014, 14, 123.	1.8	3
75	Potential impact on kidney infection: a whole-genome analysis of <i>Leptospira santarosai</i> serovar Shermani. Emerging Microbes and Infections, 2014, 3, 1-11.	6.5	12
76	Lipopolysaccharide binding protein in cirrhotic patients with severe sepsis. Journal of the Chinese Medical Association, 2014, 77, 68-74.	1.4	14
77	Prognosis of Patients With Acute Respiratory Distress Syndrome on Extracorporeal Membrane Oxygenation: the Impact of Urine Output on Mortality. Annals of Thoracic Surgery, 2014, 97, 1939-1944.	1.3	29
78	Polyomavirus BK-encoded microRNA suppresses autoregulation of viral replication. Biochemical and Biophysical Research Communications, 2014, 447, 543-549.	2.1	29
79	Acute kidney injury in adults receiving extracorporeal membrane oxygenation. Journal of the Formosan Medical Association, 2014, 113, 778-785.	1.7	70
80	The AMPK Agonist AICAR Inhibits TGF- β 21 Induced Activation of Kidney Myofibroblasts. PLoS ONE, 2014, 9, e106554.	2.5	56
81	Acute Kidney Injury Enhances Outcome Prediction Ability of Sequential Organ Failure Assessment Score in Critically Ill Patients. PLoS ONE, 2014, 9, e109649.	2.5	38
82	Essential Calcium-binding Cluster of <i>Leptospira</i> LipL32 Protein for Inflammatory Responses through the Toll-like Receptor 2 Pathway. Journal of Biological Chemistry, 2013, 288, 12335-12344.	3.4	28
83	LipL41, a Hemin Binding Protein from <i>Leptospira santarosai</i> serovar Shermani. PLoS ONE, 2013, 8, e83246.	2.5	19
84	Sequence of <i>Leptospira santarosai</i> serovar Shermani genome and prediction of virulence-associated genes. Gene, 2012, 511, 364-370.	2.2	43
85	Calcium Binds to LipL32, a Lipoprotein from Pathogenic <i>Leptospira</i> , and Modulates Fibronectin Binding. Journal of Biological Chemistry, 2010, 285, 3245-3252.	3.4	40
86	<i>Leptospira</i> Outer Membrane Lipoprotein LipL32 Binding on Toll-like Receptor 2 of Renal Cells As Determined with an Atomic Force Microscope. Biochemistry, 2010, 49, 5408-5417.	2.5	43
87	<i>Candida</i> Cholecystitis in a Diabetic Patient on Chronic Peritoneal Dialysis. Dialysis and Transplantation, 2008, 37, 458-459.	0.2	2
88	Leptospirosis in Taiwan--an underestimated infectious disease. Chang Gung Medical Journal, 2007, 30, 109-115.	0.7	17
89	<i>Leptospira</i> membrane proteins stimulate pro-inflammatory chemokines secretion by renal tubule epithelial cells through toll-like receptor 2 and p38 mitogen activated protein kinase. Nephrology Dialysis Transplantation, 2006, 21, 898-910.	0.7	49
90	<i>Leptospira</i> Outer Membrane Protein Induces Extracellular Matrix Accumulation through a TGF- β 1/Smad-Dependent Pathway. Journal of the American Society of Nephrology: JASN, 2006, 17, 2792-2798.	6.1	51

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91	The Leptospira Outer Membrane Protein LipL32 Induces Tubulointerstitial Nephritis-Mediated Gene Expression in Mouse Proximal Tubule Cells. Journal of the American Society of Nephrology: JASN, 2002, 13, 2037-2045.	6.1	89
92	Mycophenolic acid reduces renin-angiotensin-system activity in cultured mouse medullary thick ascending limb cells. Transplant International, 2002, 15, 655-659.	1.6	1
93	CLINICAL IMPROVEMENT BY INCREASED FREQUENCY OF ON-LINE HEMODIALFILTRATION. Renal Failure, 2001, 23, 193-206.	2.1	45
94	Leptospira Outer Membrane Protein Activates NF- κ B and Downstream Genes Expressed in Medullary Thick Ascending Limb Cells. Journal of the American Society of Nephrology: JASN, 2000, 11, 2017-2026.	6.1	64