Wei Ling Lau

List of Publications by Year
in descending order

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70	3,283	185998 28	155451 55
papers	citations	h-index	g-index

71	71	71	4746
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Gut as a Source of Inflammation in Chronic Kidney Disease. Nephron, 2015, 130, 92-98.	0.9	346
2	Fibroblast growth factor 23 is not associated with and does not induce arterial calcification. Kidney International, 2013, 83, 1159-1168.	2.6	291
3	High Amylose Resistant Starch Diet Ameliorates Oxidative Stress, Inflammation, and Progression of Chronic Kidney Disease. PLoS ONE, 2014, 9, e114881.	1.1	229
4	Vitamin D receptor agonists increase klotho and osteopontin while decreasing aortic calcification in mice with chronic kidney disease fed a high phosphate diet. Kidney International, 2012, 82, 1261-1270.	2.6	228
5	Altered microbiome in chronic kidney disease: systemic effects of gut-derived uremic toxins. Clinical Science, 2018, 132, 509-522.	1.8	147
6	Parathyroidectomy in the Management of Secondary Hyperparathyroidism. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 952-961.	2.2	147
7	Sodium-Dependent Phosphate Cotransporters and Phosphate-Induced Calcification of Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2625-2632.	1.1	107
8	Direct Effects of Phosphate on Vascular Cell Function. Advances in Chronic Kidney Disease, 2011, 18, 105-112.	0.6	103
9	Phosphate and vascular calcification: Emerging role of the sodium-dependent phosphate co-transporter PiT-1. Thrombosis and Haemostasis, 2010, 104, 464-470.	1.8	102
10	A Case of Novel Coronavirus Disease 19 in a Chronic Hemodialysis Patient Presenting with Gastroenteritis and Developing Severe Pulmonary Disease. American Journal of Nephrology, 2020, 51, 337-342.	1.4	93
11	Urea, a true uremic toxin: the empire strikes back. Clinical Science, 2017, 131, 3-12.	1.8	88
12	The Cerebrovascular-Chronic Kidney Disease Connection: Perspectives and Mechanisms. Translational Stroke Research, 2017, 8, 67-76.	2.3	84
13	Uncorrected and Albumin-Corrected Calcium, Phosphorus, and Mortality in Patients Undergoing Maintenance Dialysis. Journal of the American Society of Nephrology: JASN, 2015, 26, 1671-1681.	3.0	72
14	Role of Nrf2 Dysfunction in Uremia-Associated Intestinal Inflammation and Epithelial Barrier Disruption. Digestive Diseases and Sciences, 2015, 60, 1215-1222.	1.1	67
15	Impact of Age, Race and Ethnicity on Dialysis Patient Survival and Kidney Transplantation Disparities. American Journal of Nephrology, 2014, 39, 183-194.	1.4	63
16	Risk of chronic kidney disease after cancer nephrectomy. Nature Reviews Nephrology, 2014, 10, 135-145.	4.1	56
17	High phosphate feeding promotes mineral and bone abnormalities in mice with chronic kidney disease. Nephrology Dialysis Transplantation, 2013, 28, 62-69.	0.4	55
18	Examining the robustness of the obesity paradox in maintenance hemodialysis patients: a marginal structural model analysis. Nephrology Dialysis Transplantation, 2016, 31, 1310-1319.	0.4	51

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19	Pharmacologic Blockade of Î±vÎ²1 Integrin Ameliorates Renal Failure and Fibrosis In Vivo. Journal of the American Society of Nephrology: JASN, 2017, 28, 1998-2005.	3.0	51
20	Chronic Kidney Disease Increases Cerebral Microbleeds in Mouse and Man. Translational Stroke Research, 2020, 11, 122-134.	2.3	51
21	The Leaky Gut and Altered Microbiome in Chronic Kidney Disease. , 2017, 27, 458-461.		48
22	Impact of Gut Dysbiosis on Neurohormonal Pathways in Chronic Kidney Disease. Diseases (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	48
23	Clinical Detection, Risk Factors, and Cardiovascular Consequences of Medial Arterial Calcification: A Pattern of Vascular Injury Associated With Aberrant Mineral Metabolism. Seminars in Nephrology, 2013, 33, 93-105.	0.6	45
24	Comparative Mortalityâ€“Predictability Using Alkaline Phosphatase and Parathyroid Hormone in Patients on Peritoneal Dialysis and Hemodialysis. Peritoneal Dialysis International, 2014, 34, 732-748.	1.1	45
25	Association of Serum Phosphorus Concentration With Mortality in Elderly and Nonelderly Hemodialysis Patients. , 2013, 23, 411-421.		44
26	Identification of two new members of the CSMD gene familyâ˜†. Genomics, 2003, 82, 412-415.	1.3	42
27	Impact of age on survival predictability of bone turnover markers in hemodialysis patients. Nephrology Dialysis Transplantation, 2013, 28, 2535-2545.	0.4	37
28	Hyperphosphatemia is a combined function of high serum PTH and high dietary protein intake in dialysis patients. Kidney International Supplements, 2013, 3, 462-468.	4.6	34
29	The Phosphate Binder Ferric Citrate Alters the Gut Microbiome in Rats with Chronic Kidney Disease. Journal of Pharmacology and Experimental Therapeutics, 2018, 367, 452-460.	1.3	33
30	Mortality of combined serum phosphorus and parathyroid hormone concentrations and their changes over time in hemodialysis patients. Bone, 2014, 61, 201-207.	1.4	31
31	Chronic Kidney Disease Results in Deficiency of ABCC6, the Novel Inhibitor of Vascular Calcification. American Journal of Nephrology, 2014, 40, 51-55.	1.4	29
32	Changes in Markers of Mineral and Bone Disorders and Mortality in Incident Hemodialysis Patients. American Journal of Nephrology, 2016, 43, 85-96.	1.4	29
33	Gut microbial short-chain fatty acids and the risk of diabetes. Nature Reviews Nephrology, 2019, 15, 389-390.	4.1	29
34	Hidden Hypercalcemia and Mortality Risk in Incident Hemodialysis Patients. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2440-2449.	1.8	26
35	Association of Parameters of Mineral Bone Disorder with Mortality in Patients on Hemodialysis according to Level of Residual Kidney Function. Clinical Journal of the American Society of Nephrology: CJASN, 2017, 12, 1118-1127.	2.2	26
36	Utility of Cardiac Biomarkers in the Setting of Kidney Disease. Nephron, 2019, 141, 227-235.	0.9	26

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37	Microbiome modulation as a novel therapeutic approach in chronic kidney disease. Current Opinion in Nephrology and Hypertension, 2021, 30, 75-84.	1.0	25
38	Warfarin Use and Increased Mortality in End-Stage Renal Disease. American Journal of Nephrology, 2017, 46, 249-256.	1.4	21
39	Cystatin C, cognition, and brain MRI findings in 90+-year-olds. Neurobiology of Aging, 2020, 93, 78-84.	1.5	19
40	Phosphate Binder, Ferric Citrate, Attenuates Anemia, Renal Dysfunction, Oxidative Stress, Inflammation, and Fibrosis in 5/6 Nephrectomized CKD Rats. Journal of Pharmacology and Experimental Therapeutics, 2018, 367, 129-137.	1.3	17
41	The consequences of altered microbiota in immune-related chronic kidney disease. Nephrology Dialysis Transplantation, 2021, 36, 1791-1798.	0.4	17
42	Diabetes and the Gut Microbiome. Seminars in Nephrology, 2021, 41, 104-113.	0.6	17
43	Dietary tetrahydrocurcumin reduces renal fibrosis and cardiac hypertrophy in 5/6 nephrectomized rats. Pharmacology Research and Perspectives, 2018, 6, e00385.	1.1	14
44	A genome-wide association study suggests correlations of common genetic variants with peritoneal solute transfer rates in patients with kidney failure receiving peritoneal dialysis. Kidney International, 2021, 100, 1101-1111.	2.6	13
45	Development and Validation of a Novel Laboratory-Specific Correction Equation for Total Serum Calcium and Its Association With Mortality Among Hemodialysis Patients. Journal of Bone and Mineral Research, 2017, 32, 549-559.	3.1	11
46	Alkaline phosphatase: Better than <scp>PTH</scp> as a marker of cardiovascular and bone disease?. Hemodialysis International, 2014, 18, 720-724.	0.4	10
47	The COVID-Kidney Controversy: Can SARS-CoV-2 Cause Direct Renal Infection?. Nephron, 2021, 145, 275-279.	0.9	10
48	Artificial Intelligence Assessment of Renal Scarring (AIRS Study). Kidney360, 2022, 3, 83-90.	0.9	9
49	Towards the revival of alkaline phosphatase for the management of bone disease, mortality and hip fractures. Nephrology Dialysis Transplantation, 2014, 29, 1450-1452.	0.4	8
50	Effects of endâ€stage renal disease and dialysis modalities on blood ammonia level. Hemodialysis International, 2017, 21, 343-347.	0.4	8
51	There's no place like home: 35â€year patient survival on home hemodialysis. Seminars in Dialysis, 2018, 31, 300-304.	0.7	8
52	Cardiovascular and Bleeding Outcomes with Anticoagulants across Kidney Disease Stages: Analysis of a National US Cohort. American Journal of Nephrology, 2021, 52, 199-208.	1.4	8
53	Clinical Uses of 1-Alpha-Hydroxy-Ergocalciferol. Current Vascular Pharmacology, 2014, 12, 306-312.	0.8	8
54	Novel intestinal dialysis interventions and microbiome modulation to control uremia. Current Opinion in Nephrology and Hypertension, 2022, 31, 82-91.	1.0	8

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55	Kidney Function Is Not Related to Brain Amyloid Burden on PET Imaging in The 90+ Study Cohort. Frontiers in Medicine, 2021, 8, 671945.	1.2	6
56	Cerebral Blood Flow in Chronic Kidney Disease. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105702.	0.7	6
57	Why Is the Association of Phosphorus and FGF23 with Mortality Stronger in African-American Hemodialysis Patients?. American Journal of Nephrology, 2015, 42, 22-24.	1.4	5
58	Insights Into the Mechanisms of Brain Endothelial Erythrophagocytosis. Frontiers in Cell and Developmental Biology, 2021, 9, 672009.	1.8	5
59	Controversies: Stroke Prevention in Chronic Kidney Disease. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105679.	0.7	4
60	Ferric Citrate Attenuates Cardiac Hypertrophy and Fibrosis in a Rat Model of Chronic Kidney Disease. Iranian Journal of Kidney Diseases, 2019, 13, 98-104.	0.1	3
61	Route of intestinal absorption and tissue distribution of iron contained in the novel phosphate binder ferric citrate. Nephrology Dialysis Transplantation, 2020, 35, 1136-1144.	0.4	2
62	Hemodynamic and Laboratory Changes during Incremental Transition from Twice to Thrice-Weekly Hemodialysis. CardioRenal Medicine, 2020, 10, 97-107.	0.7	1
63	Spectroscopic and deep learning-based approaches to identify and quantify cerebral microhemorrhages. Scientific Reports, 2021, 11, 10725.	1.6	1
64	Development of zirconium-89 PET for imaging of alpha-klotho. American Journal of Nuclear Medicine and Molecular Imaging, 2020, 10, 95-105.	1.0	1
65	Urine mitochondrial DNA and diabetic nephropathyâ€”a new frontier. Nephrology Dialysis Transplantation, 2018, 33, 719-721.	0.4	0
66	Of Microbiomes and Microbleeds. Stroke, 2020, 51, 3489-3491.	1.0	0
67	Brain & Kidney 2020: Introduction to Special Issue. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105990.	0.7	0
68	Hereditary Leiomyomatosis and Renal Cell Cancer (HLRCC): Report of a Family Pedigree. American Journal of the Medical Sciences, 2020, 360, 724-727.	0.4	0
69	Using Digital Pathology to Identify and Quantify Cerebral Microhemorrhages. , 2021, , .		0
70	Kidney biopsy; challenges with peri-procedural management. Journal of Nephropathology, 0, , .	0.1	0