Shih-Hua Lin

List of Publications by Year
in descending order

122 papers	3,407 citations	117453 34 h-index	161609 54 g-index
124 all docs	124 docs citations	124 times ranked	2930 citing authors

#	Article	IF	Citations
1	Clinical and genetic approach to renal hypomagnesemia. Biomedical Journal, 2022, 45, 74-87.	1.4	5
2	Lactic acidosis associated with standard dose linezolid in a kidney recipient with impaired renal function. Brazilian Journal of Infectious Diseases, 2022, 26, 101701.	0.3	4
3	The Dynamics and Plasticity of Epigenetics in Diabetic Kidney Disease: Therapeutic Applications Vis-Ã-Vis. International Journal of Molecular Sciences, 2022, 23, 843.	1.8	7
4	Cefepime-Induced Depressive Disorder in a Patient With End-Stage Renal Disease. American Journal of Therapeutics, 2022, 29, e111-e113.	0.5	2
5	Point-of-care artificial intelligence-enabled ECG for dyskalemia: a retrospective cohort analysis for accuracy and outcome prediction. Npj Digital Medicine, 2022, 5, 8.	5.7	24
6	Mortality rate of end-stage kidney disease patients in Taiwan. Journal of the Formosan Medical Association, 2022, 121, S12-S19.	0.8	19
7	Generation and analysis of pseudohypoaldosteronism type II knockâ€in mice caused by a nonsense KLHL3 mutation in the Kelch domain. FASEB Journal, 2022, 36, .	0.2	0
8	Incidental hyperkalemia in an infant: Questions. Pediatric Nephrology, 2021, 36, 1137-1138.	0.9	0
9	Incidental hyperkalemia in an infant: Answers. Pediatric Nephrology, 2021, 36, 1139-1141.	0.9	0
10	Hypokalemic paralysis in hyperthyroidism: Not all that glitter are gold. Clinical Case Reports (discontinued), 2021, 9, 1283-1287.	0.2	1
11	Effect of Hydrocortisone on Angiotensinogen (AGT) Mutationâ€“Causing Autosomal Recessive Renal Tubular Dysgenesis. Cells, 2021, 10, 782.	1.8	1
12	Urinary Extracellular Vesicles for Renal Tubular Transporters Expression in Patients With Gitelman Syndrome. Frontiers in Medicine, 2021, 8, 679171.	1.2	7
13	Artificial Intelligenceâ€“Assisted Electrocardiography for Early Diagnosis of Thyrotoxic Periodic Paralysis. Journal of the Endocrine Society, 2021, 5, bvab120.	0.1	18
14	Uremic Toxins and Frailty in Patients with Chronic Kidney Disease: A Molecular Insight. International Journal of Molecular Sciences, 2021, 22, 6270.	1.8	19
15	Allele-specific RT-PCR for the rapid detection of recurrent SLC12A3 mutations for Gitelman syndrome. Npj Genomic Medicine, 2021, 6, 68.	1.7	2
16	Chronic Kidney Disease: Strategies to Retard Progression. International Journal of Molecular Sciences, 2021, 22, 10084.	1.8	30
17	Profound metabolic acidosis and hyperammonemia in a 2-year-old child: Questions. Pediatric Nephrology, 2021, 36, 2025-2026.	0.9	0
18	Profound metabolic acidosis and hyperammonemia in a 2-year-old child: Answers. Pediatric Nephrology, 2021, 36, 2027-2029.	0.9	0

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19	Case Report: Anti-neutrophil Cytoplasmic Antibody-Associated Vasculitis With Acute Renal Failure and Pulmonary Hemorrhage May Occur After COVID-19 Vaccination. Frontiers in Medicine, 2021, 8, 765447.	1.2	18
20	Thyrotoxic periodic paralysis in two sexagenarian men. Medicine (United States), 2021, 100, e27795.	0.4	1
21	Risk factors for complications of percutaneous ultrasound-guided renal biopsy in children. Pediatric Nephrology, 2020, 35, 271-278.	0.9	10
22	Phytobezoar-induced small bowel obstruction in an elderly patient undergoing dialysis: a case report. Journal of International Medical Research, 2020, 48, 030006052096294.	0.4	2
23	Autosomal Recessive Renal Tubular Dysgenesis Caused by a Founder Mutation of Angiotensinogen. Kidney International Reports, 2020, 5, 2042-2051.	0.4	9
24	Role of NKCC1 Activity in Glioma K+ Homeostasis and Cell Growth: New Insights With the Bumetanide-Derivative STS66. Frontiers in Physiology, 2020, 11, 911.	1.3	13
25	Clinical features, genetic background, and outcome in infants with urinary tract infection and type IV renal tubular acidosis. Pediatric Research, 2020, 87, 1251-1255.	1.1	6
26	Complement Factor I Mutation May Contribute to Development of Thrombotic Microangiopathy in Lupus Nephritis. Frontiers in Medicine, 2020, 7, 621609.	1.2	3
27	A Deep-Learning Algorithm (ECG12Net) for Detecting Hypokalemia and Hyperkalemia by Electrocardiography: Algorithm Development. JMIR Medical Informatics, 2020, 8, e15931.	1.3	54
28	Generation and analysis of a mouse model of pseudohypoaldosteronism type II caused by KLHL3 mutation in BTB domain. FASEB Journal, 2019, 33, 1051-1061.	0.2	8
29	Enemy Action in the Distal Convoluted Tubule. Journal of the American Society of Nephrology: JASN, 2019, 30, 1345-1348.	3.0	6
30	FP001Expression Pattern of Renal Tubular Transporters in Urinary Exosomes from Patients with Acute and Chronic Hypokalemia. Nephrology Dialysis Transplantation, 2019, 34, .	0.4	1
31	SP016Proteomic Analysis of Urinary Exosomes in Patients with Gitelman Syndrome. Nephrology Dialysis Transplantation, 2019, 34, .	0.4	0
32	Carvedilol Ameliorates Experimental Atherosclerosis by Regulating Cholesterol Efflux and Exosome Functions. International Journal of Molecular Sciences, 2019, 20, 5202.	1.8	17
33	Reply to Farfel et al.: Is enhanced chloride reabsorption in proximal tubule a possible mechanism of metabolic acidosis in PHAII?. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16175-16176.	3.3	0
34	A Novel Na ⁺ -K ⁺ -Cl ^{â^'} Cotransporter 1 Inhibitor STS66* Reduces Brain Damage in Mice After Ischemic Stroke. Stroke, 2019, 50, 1021-1025.	1.0	37
35	RNA-Seq and protein mass spectrometry in microdissected kidney tubules reveal signaling processes initiating lithium-induced nephrogenic diabetes insipidus. Kidney International, 2019, 96, 363-377.	2.6	27
36	Whole-exome sequencing detects mutations in pediatric patients with atypical hemolytic uremic syndrome in Taiwan. Clinica Chimica Acta, 2019, 494, 143-150.	0.5	8

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37	Unilateral renal artery stenosis presented with hyponatremic-hypertensive syndrome â€“ case report and literature review. BMC Nephrology, 2019, 20, 64.	0.8	8
38	WNK4 kinase is a physiological intracellular chloride sensor. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4502-4507.	3.3	76
39	Serum complement factor I is associated with disease activity of systemic lupus erythematosus. Oncotarget, 2018, 9, 8502-8511.	0.8	14
40	Galloway-Mowat syndrome in Taiwan: OSGEP mutation and unique clinical phenotype. Orphanet Journal of Rare Diseases, 2018, 13, 226.	1.2	16
41	Hypoparathyroidism concomitant with macrothrombocytopenia in an elderly woman with 22q11.2 deletion syndrome. Platelets, 2018, 29, 733-736.	1.1	2
42	Differential roles of WNK4 in regulation of NCC in vivo. American Journal of Physiology - Renal Physiology, 2018, 314, F999-F1007.	1.3	21
43	SP182SERUM COMPLEMENT FACTOR I IS ASSOCIATED WITH DISEASE ACTIVITY OF SYSTEMIC LUPUS ERYTHEMATOSUS. Nephrology Dialysis Transplantation, 2018, 33, i405-i405.	0.4	0
44	Proteinuria: Associated with poor outcome in patients with small cell lung cancer. Journal of Cancer Research and Therapeutics, 2018, 14, 688.	0.3	3
45	A neonate with poor weight gain and hyperkalemia: Questions. Pediatric Nephrology, 2017, 32, 71-71.	0.9	0
46	A neonate with poor weight gain and hyperkalemia: Answers. Pediatric Nephrology, 2017, 32, 73-75.	0.9	1
47	Deletion of the WNK3-SPAK kinase complex in mice improves radiographic and clinical outcomes in malignant cerebral edema after ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 550-563.	2.4	31
48	Identification of the Causes for Chronic Hypokalemia: Importance of Urinary Sodium and Chloride Excretion. American Journal of Medicine, 2017, 130, 846-855.	0.6	28
49	Gitelman syndrome: consensus and guidance from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. Kidney International, 2017, 91, 24-33.	2.6	230
50	Functional severity of CLCNKB mutations correlates with phenotypes in patients with classic Bartter's syndrome. Journal of Physiology, 2017, 595, 5573-5586.	1.3	31
51	Differential modulation of IL-12 family cytokines in autoimmune islet graft failure in mice. Diabetologia, 2017, 60, 2409-2417.	2.9	5
52	Functional Analysis of VDR Gene Mutation R343H in A Child with Vitamin D-Resistant Rickets with Alopecia. Scientific Reports, 2017, 7, 15337.	1.6	6
53	WNK-Cab39-NKCC1 signaling increases the susceptibility to ischemic brain damage in hypertensive rats. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2780-2794.	2.4	23
54	Impact of the use of anti-diabetic drugs on survival of diabetic dialysis patients: a 5-year retrospective cohort study in Taiwan. Clinical and Experimental Nephrology, 2017, 21, 694-704.	0.7	10

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55	Comparison of outcomes between emergent-start and planned-start peritoneal dialysis in incident ESRD patients: a prospective observational study. BMC Nephrology, 2017, 18, 359.	0.8	21
56	Novel susceptibility gene for nonfamilial hypokalemic periodic paralysis. Neurology, 2016, 86, 1190-1198.	1.5	11
57	SPAK plays a pathogenic role in IgA nephropathy through the activation of NF-Î²B/MAPKs signaling pathway. Free Radical Biology and Medicine, 2016, 99, 214-224.	1.3	19
58	Evaluating Hyponatremia in Non-Diabetic Uremic Patients on Peritoneal Dialysis. Peritoneal Dialysis International, 2016, 36, 196-204.	1.1	4
59	Chronic Metabolic Acidosis Activates Renal Tubular Sodium Chloride Cotransporter through Angiotension II-dependent WNK4-SPAK Phosphorylation Pathway. Scientific Reports, 2016, 6, 18360.	1.6	9
60	OSR1 and SPAK cooperatively modulate Sertoli cell support of mouse spermatogenesis. Scientific Reports, 2016, 6, 37205.	1.6	8
61	Severe Hyponatremia Secondary to Peripherally Inserted Central Catheter in a Neonate. Pediatrics and Neonatology, 2016, 57, 541-543.	0.3	5
62	Exertional rhabdomyolysis, profound lactic acidosis, and acute kidney injury in a young boy: Questions. Pediatric Nephrology, 2016, 31, 1605-1606.	0.9	0
63	Risk of type 2 diabetes mellitus in patients with acute critical illness: a population-based cohort study. Intensive Care Medicine, 2016, 42, 38-45.	3.9	14
64	A neonate with recurrent tetany: questions. Pediatric Nephrology, 2016, 31, 753-753.	0.9	4
65	Exertional rhabdomyolysis, profound lactic acidosis, and acute kidney injury in a young boy: Answers. Pediatric Nephrology, 2016, 31, 1607-1610.	0.9	5
66	A neonate with recurrent tetany: Answers. Pediatric Nephrology, 2016, 31, 755-757.	0.9	1
67	Antenatal Bartter syndrome resembling nephrogenic diabetes insipidus in a 5-year-old boy. Journal of the Formosan Medical Association, 2016, 115, 382-383.	0.8	1
68	Life-threatening hematuria in a hemodialysis patient with systemic light-chain amyloidosis. Clinica Chimica Acta, 2015, 451, 180-182.	0.5	1
69	Acute cholecystitis in a peritoneal dialysis patient: Percutaneous trans-hepatic gallbladder drainage is a challenging therapeutic option. Nephrology, 2015, 20, 580-582.	0.7	0
70	Association between Gastroenterological Malignancy and Diabetes Mellitus and Anti-Diabetic Therapy: A Nationwide, Population-Based Cohort Study. PLoS ONE, 2015, 10, e0125421.	1.1	40
71	Etiologic and Therapeutic Analysis in Patients with Hypokalemic Nonperiodic Paralysis. American Journal of Medicine, 2015, 128, 289-296.e1.	0.6	18
72	Resveratrol Ameliorates Renal Damage, Increases Expression of Heme Oxygenase-1, and Has Anti-Complement, Anti-Oxidative, and Anti-Apoptotic Effects in a Murine Model of Membranous Nephropathy. PLoS ONE, 2015, 10, e0125726.	1.1	37

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73	Pseudomyocardial infarction caused by adrenocortical adenoma. American Journal of Emergency Medicine, 2015, 33, 1325.e3-1325.e5.	0.7	0
74	CB1 cannabinoid receptor antagonist attenuates left ventricular hypertrophy and Akt-mediated cardiac fibrosis in experimental uremia. Journal of Molecular and Cellular Cardiology, 2015, 85, 249-261.	0.9	39
75	Hyperphosphatemia induces protective autophagy in endothelial cells through the inhibition of Akt/mTOR signaling. Journal of Vascular Surgery, 2015, 62, 210-221.e2.	0.6	30
76	Catastrophic hemophagocytic lymphohistiocytosis in a young man with nephrotic syndrome. Clinica Chimica Acta, 2015, 439, 168-171.	0.5	5
77	Targeting tumour necrosis factor receptor 1 assembly reverses Th17-mediated colitis through boosting a Th2 response. Gut, 2015, 64, 765-775.	6.1	17
78	R1933X mutation in the MYH9 gene in May-Hegglin anomaly mimicking idiopathic thrombocytopenic purpura. Journal of the Formosan Medical Association, 2014, 113, 56-59.	0.8	7
79	Persistent renal hyperparathyroidism caused by intrathyroidal parathyroid glands. Journal of the Chinese Medical Association, 2014, 77, 492-495.	0.6	6
80	Hyponatremia is a surrogate marker of poor outcome in peritoneal dialysis-related peritonitis. BMC Nephrology, 2014, 15, 113.	0.8	18
81	Clearance of Meperidine and Its Metabolite Normeperidine in Hemodialysis Patients With Chronic Noncancer Pain. Journal of Pain and Symptom Management, 2014, 47, 801-805.	0.6	4
82	Resveratrol increases anti-aging Klotho gene expression via the activating transcription factor 3/c-Jun complex-mediated signaling pathway. International Journal of Biochemistry and Cell Biology, 2014, 53, 361-371.	1.2	80
83	An infant with multiple subcutaneous nodules, hypercalcemia, and nephrocalcinosis: Answers. Pediatric Nephrology, 2013, 28, 2285-2287.	0.9	0
84	Hypokalemic paralysis in a girl with dental and renal calculi: Answers. Pediatric Nephrology, 2013, 28, 733-736.	0.9	1
85	Antroquinonol mitigates an accelerated and progressive IgA nephropathy model in mice by activating the Nrf2 pathway and inhibiting T cells and NLRP3 inflammasome. Free Radical Biology and Medicine, 2013, 61, 285-297.	1.3	69
86	A 10-year analysis of thyrotoxic periodic paralysis in 135 patients: focus on symptomatology and precipitants. European Journal of Endocrinology, 2013, 169, 529-536.	1.9	68
87	Phosphorylation Regulates NCC Stability and Transporter Activity In Vivo. Journal of the American Society of Nephrology: JASN, 2013, 24, 1587-1597.	3.0	49
88	WNK1 Protein Kinase Regulates Embryonic Cardiovascular Development through the OSR1 Signaling Cascade. Journal of Biological Chemistry, 2013, 288, 8566-8574.	1.6	49
89	Muscle Wasting in Hemodialysis Patients: New Therapeutic Strategies for Resolving an Old Problem. Scientific World Journal, The, 2013, 2013, 1-7.	0.8	19
90	Mechanism of Thyrotoxic Periodic Paralysis. Journal of the American Society of Nephrology: JASN, 2012, 23, 985-988.	3.0	104

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91	Genotype, Phenotype, and Follow-Up in Taiwanese Patients with Salt-Losing Tubulopathy Associated withSLC12A3Mutation. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1478-E1482.	1.8	67
92	Hypokalemic paralysis in a young obese female. Clinica Chimica Acta, 2012, 413, 1295-1297.	0.5	6
93	Recurrent Deep Intronic Mutations in the SLC12A3 Gene Responsible for Gitelman's Syndrome. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 630-639.	2.2	57
94	Identification and Functional Characterization of Kir2.6 Mutations Associated with Non-familial Hypokalemic Periodic Paralysis. Journal of Biological Chemistry, 2011, 286, 27425-27435.	1.6	53
95	Impaired phosphorylation of Na ⁺ -K ⁺ -2Cl ^{â^'} cotransporter by oxidative stress-responsive kinase-1 deficiency manifests hypotension and Bartter-like syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17538-17543.	3.3	122
96	A Practical Approach to Genetic Hypokalemia. Electrolyte and Blood Pressure, 2010, 8, 38.	0.6	13
97	Heterozygous mutations of the sodium chloride cotransporter in Chinese children: prevalence and association with blood pressure. Nephrology Dialysis Transplantation, 2008, 24, 1170-1175.	0.4	40
98	Diagnosis: Benign bowel distribution of lanthanum carbonate. Annals of Saudi Medicine, 2008, 28, 469-469.	0.5	0
99	Hypokalemia: A Practical Approach to Diagnosis and its Genetic Basis. Current Medicinal Chemistry, 2007, 14, 1551-1565.	1.2	33
100	Early diagnosis of thyrotoxic periodic paralysis: Spot urine calcium to phosphate ratio*. Critical Care Medicine, 2006, 34, 2984-2989.	0.4	52
101	Pylephlebitis Associated with Acute Infected Choledocholithiasis. American Journal of the Medical Sciences, 2006, 332, 85-87.	0.4	11
102	Broken guidewire during subclavian venous catheterization. Dialysis and Transplantation, 2006, 35, 536-537.	0.2	2
103	Skeletal Muscle Dihydropyridine-Sensitive Calcium Channel (CACNA1S) Gene Mutations in Chinese Patients with Hypokalemic Periodic Paralysis. American Journal of the Medical Sciences, 2005, 329, 66-70.	0.4	42
104	Phenotype and Genotype Analysis in Chinese Patients with Gitelmanâ€™s Syndrome. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2500-2507.	1.8	91
105	Thyrotoxic Periodic Paralysis. Mayo Clinic Proceedings, 2005, 80, 99-105.	1.4	142
106	Thyrotoxic Periodic Paralysis. Mayo Clinic Proceedings, 2005, 80, 99-105.	1.4	170
107	Laboratory Tests to Determine the Cause of Hypokalemia and Paralysis. Archives of Internal Medicine, 2004, 164, 1561.	4.3	123
108	Intrafamilial phenotype variability in patients with Gitelman syndrome having the same mutations in their thiazide-sensitive sodium/chloride cotransporter. American Journal of Kidney Diseases, 2004, 43, 304-312.	2.1	103

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109	Effects of potassium supplementation on the recovery of thyrotoxic periodic paralysis. American Journal of Emergency Medicine, 2004, 22, 544-547.	0.7	104
110	Attenuation of mouse mesangial cell contractility by high glucose and mannitol: Involvement of protein kinase C and focal adhesion kinase. , 2004, 11, 142.		5
111	Rosiglitazone improves glucose metabolism in nondiabetic uremic patients on CAPD. American Journal of Kidney Diseases, 2003, 42, 774-780.	2.1	39
112	A simple and rapid approach to hypokalemic paralysis. American Journal of Emergency Medicine, 2003, 21, 487-491.	0.7	40
113	Electrocardiographic Manifestations in Patients with Thyrotoxic Periodic Paralysis. American Journal of the Medical Sciences, 2003, 326, 128-132.	0.4	61
114	An Unusual Cause of Hypokalemic Paralysis: Chronic Licorice Ingestion. American Journal of the Medical Sciences, 2003, 325, 153-156.	0.4	42
115	Must metabolic acidosis be associated with malnutrition in haemodialysed patients?. Nephrology Dialysis Transplantation, 2002, 17, 2006-2010.	0.4	45
116	Hypercalcaemia and metabolic alkalosis with betel nut chewing: emphasis on its integrative pathophysiology. Nephrology Dialysis Transplantation, 2002, 17, 708-714.	0.4	50
117	Two Novel Aquaporin-2 Mutations Responsible for Congenital Nephrogenic Diabetes Insipidus in Chinese Families. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2694-2700.	1.8	58
118	Osmotic Demyelination Syndrome after Correction of Chronic Hyponatremia with Normal Saline. American Journal of the Medical Sciences, 2002, 323, 259-262.	0.4	29
119	A puzzling cause of hypokalaemia. Lancet, The, 2002, 360, 224.	6.3	17
120	Propranolol rapidly reverses paralysis, hypokalemia, and hypophosphatemia in thyrotoxic periodic paralysis. American Journal of Kidney Diseases, 2001, 37, 620-623.	2.1	116
121	Control of excretion of potassium: lessons from studies during prolonged total fasting in human subjects. American Journal of Physiology - Renal Physiology, 1997, 273, F796-F800.	1.3	15
122	Effects of Intravenous Calcitriol on Lipid Profiles and Glucose Tolerance in Uraemic Patients with Secondary Hyperparathyroidism. Clinical Science, 1994, 87, 533-538.	1.8	32