

Hung-Chun Chen

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

2,108
citations

257101

24
h-index

301761

39
g-index

121
all docs

121
docs citations

121
times ranked

3248
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of receptor for advanced glycation end-product (RAGE) and the JAK/STAT-signaling pathway in AGE-induced collagen production in NRK-49F cells. <i>Journal of Cellular Biochemistry</i> , 2001, 81, 102-113.	1.2	202
2	Association of Fluid Overload with Cardiovascular Morbidity and All-Cause Mortality in Stages 4 and 5 CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 39-46.	2.2	118
3	Hepatitis C Virus Infection Increases Risk of Developing End-Stage Renal Disease Using Competing Risk Analysis. <i>PLoS ONE</i> , 2014, 9, e100790.	1.1	95
4	Association of Fluid Overload With Kidney Disease Progression in Advanced CKD: A Prospective Cohort Study. <i>American Journal of Kidney Diseases</i> , 2014, 63, 68-75.	2.1	92
5	Association of prescribed Chinese herbal medicine use with risk of end-stage renal disease in patients with chronic kidney disease. <i>Kidney International</i> , 2015, 88, 1365-1373.	2.6	76
6	Role of the Janus kinase (JAK)/signal transducers and activators of transcription (STAT) cascade in advanced glycation end-product-induced cellular mitogenesis in NRK-49F cells. <i>Biochemical Journal</i> , 1999, 342, 231-238.	1.7	66
7	High hepatitis B virus surface antigen levels and favorable interleukin 28B genotype predict spontaneous hepatitis C virus clearance in uremic patients. <i>Journal of Hepatology</i> , 2014, 60, 253-259.	1.8	58
8	Association of Dialysis with the Risks of Cancers. <i>PLoS ONE</i> , 2015, 10, e0122856.	1.1	52
9	Modification of Diet in Renal Disease (MDRD) Study and CKD Epidemiology Collaboration (CKD-EPI) Equations for Taiwanese Adults. <i>PLoS ONE</i> , 2014, 9, e99645.	1.1	47
10	Autophagy modulates endoplasmic reticulum stress-induced cell death in podocytes: A protective role. <i>Experimental Biology and Medicine</i> , 2015, 240, 467-476.	1.1	43
11	Prognostic Cardiovascular Markers in Chronic Kidney Disease. <i>Kidney and Blood Pressure Research</i> , 2018, 43, 1388-1407.	0.9	43
12	Role of lipid control in diabetic nephropathy. <i>Kidney International</i> , 2005, 67, S60-S62.	2.6	39
13	Glycated Hemoglobin and Outcomes in Patients with Advanced Diabetic Chronic Kidney Disease. <i>Scientific Reports</i> , 2016, 6, 20028.	1.6	39
14	Asian multicenter trials on urinary type IV collagen in patients with diabetic nephropathy. <i>Journal of Clinical Laboratory Analysis</i> , 2001, 15, 188-192.	0.9	38
15	Association of Renal Elasticity and Renal Function Progression in Patients with Chronic Kidney Disease Evaluated by Real-Time Ultrasound Elastography. <i>Scientific Reports</i> , 2017, 7, 43303.	1.6	36
16	A Low Geriatric Nutrition Risk Index Is Associated with Progression to Dialysis in Patients with Chronic Kidney Disease. <i>Nutrients</i> , 2017, 9, 1228.	1.7	36
17	Diabetic Retinopathy and Clinical Parameters Favoring the Presence of Diabetic Nephropathy could Predict Renal Outcome in Patients with Diabetic Kidney Disease. <i>Scientific Reports</i> , 2017, 7, 1236.	1.6	35
18	Pravastatin suppress superoxide and fibronectin production of glomerular mesangial cells induced by oxidized-LDL and high glucose. <i>Atherosclerosis</i> , 2002, 160, 141-146.	0.4	33

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19	Angiotensin-2, Angiotensin-1 and subclinical cardiovascular disease in Chronic Kidney Disease. <i>Scientific Reports</i> , 2016, 6, 39400.	1.6	29
20	Heart Rate Variability Change Before and After Hemodialysis is Associated with Overall and Cardiovascular Mortality in Hemodialysis. <i>Scientific Reports</i> , 2016, 6, 20597.	1.6	28
21	Distribution of glomerular diseases in Taiwan: preliminary report of National Renal Biopsy Registry—publication on behalf of Taiwan Society of Nephrology. <i>BMC Nephrology</i> , 2018, 19, 6.	0.8	28
22	Body Mass Index, Mortality, and Gender Difference in Advanced Chronic Kidney Disease. <i>PLoS ONE</i> , 2015, 10, e0126668.	1.1	27
23	Hyponatremia is Associated with Fluid Imbalance and Adverse Renal Outcome in Chronic Kidney Disease Patients Treated with Diuretics. <i>Scientific Reports</i> , 2016, 6, 36817.	1.6	26
24	Associations among Geriatric Nutrition Risk Index, bone mineral density, body composition and handgrip strength in patients receiving hemodialysis. <i>Nutrition</i> , 2019, 65, 6-12.	1.1	26
25	Association of Angiotensin-2 with Renal Outcome in Chronic Kidney Disease. <i>PLoS ONE</i> , 2014, 9, e108862.	1.1	26
26	Angiotensin-2 as a Prognostic Biomarker of Major Adverse Cardiovascular Events and All-Cause Mortality in Chronic Kidney Disease. <i>PLoS ONE</i> , 2015, 10, e0135181.	1.1	24
27	Is Fluid Overload More Important than Diabetes in Renal Progression in Late Chronic Kidney Disease?. <i>PLoS ONE</i> , 2013, 8, e82566.	1.1	23
28	The Interaction of miR-378i-Skp2 Regulates Cell Senescence in Diabetic Nephropathy. <i>Journal of Clinical Medicine</i> , 2018, 7, 468.	1.0	22
29	The association of adiponectin with metabolic syndrome and clinical outcome in patients with non-diabetic chronic kidney disease. <i>PLoS ONE</i> , 2019, 14, e0220158.	1.1	22
30	Pyuria, urinary tract infection and renal outcome in patients with chronic kidney disease stage 3–5. <i>Scientific Reports</i> , 2020, 10, 19460.	1.6	20
31	Microscopic Haematuria and Clinical Outcomes in Patients With Stage 3–5 Nondiabetic Chronic Kidney Disease. <i>Scientific Reports</i> , 2015, 5, 15242.	1.6	19
32	Glycosuria and Renal Outcomes in Patients with Nondiabetic Advanced Chronic Kidney Disease. <i>Scientific Reports</i> , 2016, 6, 39372.	1.6	19
33	Tackling Dialysis Burden around the World: A Global Challenge. <i>Kidney Diseases (Basel, Switzerland)</i> , 2021, 7, 167-175.	1.2	17
34	Discrepancy between Serological and Virological Analysis of Viral Hepatitis in Hemodialysis Patients. <i>International Journal of Medical Sciences</i> , 2014, 11, 436-441.	1.1	16
35	Comparison of dementia risk between end stage renal disease patients with hemodialysis and peritoneal dialysis - a population based study. <i>Scientific Reports</i> , 2015, 5, 8224.	1.6	16
36	Dyslipoproteinemia and Impairment of Renal Function in Diabetic Kidney Disease: An Analysis of Animal Studies, Observational Studies, and Clinical Trials. <i>Review of Diabetic Studies</i> , 2013, 10, 110-120.	0.5	16

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37	Systolic Blood Pressure and Outcomes in Stage 3–4 Chronic Kidney Disease Patients: Evidence from a Taiwanese Cohort. <i>American Journal of Hypertension</i> , 2014, 27, 1396-1407.	1.0	15
38	Albumin overload down-regulates integrin- β 1 through reactive oxygen species-endoplasmic reticulum stress pathway in podocytes. <i>Journal of Biochemistry</i> , 2015, 158, 101-108.	0.9	15
39	Primary cardiac manifestation of autosomal dominant polycystic kidney disease revealed by patient induced pluripotent stem cell-derived cardiomyocytes. <i>EBioMedicine</i> , 2019, 40, 675-684.	2.7	15
40	Anemia modifies the prognostic value of glycosylated hemoglobin in patients with diabetic chronic kidney disease. <i>PLoS ONE</i> , 2018, 13, e0199378.	1.1	14
41	Hematuria and Renal Outcomes in Patients With Diabetic Chronic Kidney Disease. <i>American Journal of the Medical Sciences</i> , 2018, 356, 268-276.	0.4	14
42	Increased Aortic Arch Calcification and Cardiomegaly is Associated with Rapid Renal Progression and Increased Cardiovascular Mortality in Chronic Kidney Disease. <i>Scientific Reports</i> , 2019, 9, 5354.	1.6	14
43	The interaction between self-care behavior and disease knowledge on the decline in renal function in chronic kidney disease. <i>Scientific Reports</i> , 2021, 11, 401.	1.6	14
44	Steap4 attenuates high glucose and S100B-induced effects in mesangial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1234-1244.	1.6	13
45	Endoplasmic reticulum stress-induced cell death in podocytes. <i>Nephrology</i> , 2017, 22, 43-49.	0.7	13
46	TGF- β 1 modulates podocyte migration by regulating the expression of integrin- β 1 and - β 3 through different signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 974-980.	2.5	13
47	Hepatitis C viremia interferes with serum hepatitis B virus surface antigen and DNA levels in hepatitis B uremics. <i>Hepatology International</i> , 2014, 8, 224-232.	1.9	12
48	Arterial Stiffness in Patients With Chronic Kidney Disease. <i>American Journal of the Medical Sciences</i> , 2012, 343, 109-113.	0.4	11
49	Peritoneal Dialysis-Associated Peritonitis Caused by <i>Mycobacterium abscessus</i> . <i>Peritoneal Dialysis International</i> , 2015, 35, 369-371.	1.1	11
50	S100B is required for high glucose-induced pro-fibrotic gene expression and hypertrophy in mesangial cells. <i>International Journal of Molecular Medicine</i> , 2015, 35, 546-552.	1.8	11
51	The interaction between fluid status and angiotensin-2 in adverse renal outcomes of chronic kidney disease. <i>PLoS ONE</i> , 2017, 12, e0173906.	1.1	11
52	Crosstalk between transforming growth factor- β 1 and endoplasmic reticulum stress regulates alpha-smooth muscle cell actin expression in podocytes. <i>Life Sciences</i> , 2018, 209, 9-14.	2.0	11
53	Effects of Pravastatin on Superoxide and Fibronectin Production of Mesangial Cells Induced by Low-Density Lipoprotein. <i>Kidney and Blood Pressure Research</i> , 2002, 25, 2-6.	0.9	10
54	Dipyridamole treatment is associated with improved renal outcome and patient survival in advanced chronic kidney disease. <i>Kaohsiung Journal of Medical Sciences</i> , 2014, 30, 599-607.	0.8	10

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55	Link between Peripheral Artery Disease and Heart Rate Variability in Hemodialysis Patients. PLoS ONE, 2015, 10, e0120459.	1.1	10
56	Association of Ankle-Brachial Index and Aortic Arch Calcification with Overall and Cardiovascular Mortality in Hemodialysis. Scientific Reports, 2016, 6, 33164.	1.6	10
57	Independent Association of Overhydration with All-Cause and Cardiovascular Mortality Adjusted for Global Left Ventricular Longitudinal Systolic Strain and E/E _a ™ Ratio in Maintenance Hemodialysis Patients. Kidney and Blood Pressure Research, 2018, 43, 1322-1332.	0.9	10
58	A Low Ankle-Brachial Index and High Brachial-Ankle Pulse Wave Velocity Are Associated with Poor Cognitive Function in Patients Undergoing Hemodialysis. Disease Markers, 2019, 2019, 1-10.	0.6	10
59	Lung Cancer Cell-Derived Secretome Mediates Paraneoplastic Inflammation and Fibrosis in Kidney in Mice. Cancers, 2020, 12, 3561.	1.7	10
60	P Wave Dispersion and Maximum P Wave Duration Are Associated with Renal Outcomes in Chronic Kidney Disease. PLoS ONE, 2014, 9, e101962.	1.1	10
61	Ratio of Early Mitral Inflow Velocity to the Global Diastolic Strain Rate and Global Left Ventricular Longitudinal Systolic Strain Predict Overall Mortality and Major Adverse Cardiovascular Events in Hemodialysis Patients. Disease Markers, 2019, 2019, 1-12.	0.6	9
62	Blood pressure modifies outcomes in patients with stage 3 to 5 chronic kidney disease. Kidney International, 2020, 97, 402-413.	2.6	9
63	Low serum iron is associated with anemia in CKD stage 1-4 patients with normal transferrin saturations. Scientific Reports, 2021, 11, 8343.	1.6	9
64	Mutations in Pseudohypoparathyroidism 1a and Pseudopseudohypoparathyroidism in Ethnic Chinese. PLoS ONE, 2014, 9, e90640.	1.1	8
65	Fluid Overload, Pulse Wave Velocity, and Ratio of Brachial Pre-Ejection Period to Ejection Time in Diabetic and Non-Diabetic Chronic Kidney Disease. PLoS ONE, 2014, 9, e111000.	1.1	8
66	Interankle systolic blood pressure difference and renal outcomes in patients with chronic kidney disease. Nephrology, 2016, 21, 379-386.	0.7	8
67	Effects of stroke on changes in heart rate variability during hemodialysis. BMC Nephrology, 2017, 18, 90.	0.8	8
68	Progression of Aortic Arch Calcification Is Associated with Overall and Cardiovascular Mortality in Hemodialysis. Disease Markers, 2020, 2020, 1-7.	0.6	8
69	Hyperuricemia Is Associated with Left Ventricular Dysfunction and Inappropriate Left Ventricular Mass in Chronic Kidney Disease. Diagnostics, 2020, 10, 514.	1.3	8
70	Association of digoxin with mortality in patients with advanced chronic kidney disease: A population-based cohort study. PLoS ONE, 2021, 16, e0245620.	1.1	8
71	Novel Vitamin D Receptor Mutations in Hereditary Vitamin D Resistant Rickets in Chinese. PLoS ONE, 2015, 10, e0138152.	1.1	8
72	U-Shaped Association between Waist-to-Hip Ratio and All-Cause Mortality in Stage 3-5 Chronic Kidney Disease Patients with Body Mass Index Paradox. Journal of Personalized Medicine, 2021, 11, 1355.	1.1	8

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73	Nonapnea Sleep Disorders in Patients Younger than 65 Years Are Significantly Associated with CKD: A Nationwide Population-Based Study. <i>PLoS ONE</i> , 2015, 10, e0140401.	1.1	7
74	Unequal Arterial Stiffness With Overall and Cardiovascular Mortality in Patients Receiving Hemodialysis. <i>American Journal of the Medical Sciences</i> , 2016, 351, 187-193.	0.4	7
75	Greater low-density lipoprotein cholesterol variability is associated with increased progression to dialysis in patients with chronic kidney disease stage 3. <i>Oncotarget</i> , 2018, 9, 3242-3253.	0.8	7
76	Association between albumin and C-reactive protein and ankle-brachial index in haemodialysis. <i>Nephrology</i> , 2018, 23, 5-10.	0.7	7
77	Effects of Sustained-Release Beraprost in Patients With Primary Glomerular Disease or Nephrosclerosis: CASSIOPEIR Study Results. <i>Therapeutic Apheresis and Dialysis</i> , 2020, 24, 42-55.	0.4	7
78	Macrophage migration inhibitory factor regulates integrin- β 1 and cyclin D1 expression via ERK pathway in podocytes. <i>Biomedicine and Pharmacotherapy</i> , 2020, 124, 109892.	2.5	7
79	Acyclovir-induced acute renal failure. <i>Nephrology</i> , 2002, 7, 158-160.	0.7	6
80	Variability in Estimated Glomerular Filtration Rate by Area under the Curve Predicts Renal Outcomes in Chronic Kidney Disease. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	0.8	6
81	Generation of induced pluripotent stem cells derived from an autosomal dominant polycystic kidney disease patient with a p.Ser1457fs mutation in PKD1. <i>Stem Cell Research</i> , 2017, 24, 139-143.	0.3	6
82	Urine phthalate metabolites are associated with urothelial cancer in chronic kidney disease patients. <i>Chemosphere</i> , 2021, 273, 127834.	4.2	6
83	Mobile Health, Disease Knowledge, and Self-Care Behavior in Chronic Kidney Disease: A Prospective Cohort Study. <i>Journal of Personalized Medicine</i> , 2021, 11, 845.	1.1	6
84	Effect of differences in serum creatinine estimation methodologies on estimated glomerular filtration rate. <i>Singapore Medical Journal</i> , 2019, 60, 468-473.	0.3	6
85	Association of Relatives of Hemodialysis Patients with Metabolic Syndrome, Albuminuria and Framingham Risk Score. <i>PLoS ONE</i> , 2014, 9, e96362.	1.1	6
86	Hepatic Steatosis Is Associated with High White Blood Cell and Platelet Counts. <i>Biomedicines</i> , 2022, 10, 892.	1.4	6
87	Recurrent Acute Renal Failure in a Patient with Aplastic Anemia-Paroxysmal Nocturnal Hemoglobinuria Syndrome: A Case Report. <i>Kaohsiung Journal of Medical Sciences</i> , 2007, 23, 579-583.	0.8	5
88	Remove or not, that is the question: A case report on carotid artery cannulation during indwelling venous hemodialysis catheter. <i>Hemodialysis International</i> , 2015, 19, E17-20.	0.4	5
89	Human carbofuran intoxication with myocardial injury mimicking acute myocardial infarction. <i>Kaohsiung Journal of Medical Sciences</i> , 2015, 31, 112-113.	0.8	5
90	Association of Far-Infrared Radiation Therapy and Ankle-Brachial Index of Patients on Hemodialysis with Peripheral Artery Occlusive Disease. <i>International Journal of Medical Sciences</i> , 2016, 13, 970-976.	1.1	5

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91	Body Mass Index, Left Ventricular Mass Index and Cardiovascular Events in Chronic Kidney Disease. American Journal of the Medical Sciences, 2016, 351, 91-96.	0.4	5
92	Induced pluripotent stem cells derived from an autosomal dominant polycystic kidney disease patient carrying a PKD1 Q533X mutation. Stem Cell Research, 2017, 25, 83-87.	0.3	5
93	Association of glomerular filtration rate slope with timely creation of vascular access in incident hemodialysis. Scientific Reports, 2021, 11, 13137.	1.6	5
94	Prognostic Significance of Left Ventricular Mass Index and Renal Function Decline Rate in Chronic Kidney Disease G3 and G4. Scientific Reports, 2017, 7, 42578.	1.6	4
95	Generation of an induced pluripotent stem cell line, IBMS-iPSC-014-05, from a female autosomal dominant polycystic kidney disease patient carrying a common mutation of R803X in PKD2. Stem Cell Research, 2017, 25, 38-41.	0.3	4
96	Evaluation of the effects of glucose on osmolal gap using freezing point depression and vapor pressure methods. Kaohsiung Journal of Medical Sciences, 2018, 34, 409-414.	0.8	4
97	Development and validation of a nomogram for urothelial cancer in patients with chronic kidney disease. Scientific Reports, 2019, 9, 3473.	1.6	4
98	Comparative Assessment of the Long-Term Effectiveness and Safety of Dapagliflozin and Empagliflozin as Add-on Therapy to Hypoglycemic Drugs in Patients with Type 2 Diabetes. Journal of Diabetes Research, 2022, 2022, 1-10.	1.0	4
99	The study of the distribution of melamine in rat renal tissues by imaging mass spectrometry. Analytical Methods, 2010, 2, 1974.	1.3	3
100	Save life and improve quality: Report from the 5th Congress of International Society for Hemodialysis. Hemodialysis International, 2014, 18, 163-171.	0.4	3
101	Study comparing the efficacy and renal safety for patients with diabetes switching from dapagliflozin to empagliflozin. International Journal of Clinical Pharmacy, 2021, 43, 1015-1023.	1.0	3
102	Betel Nut Chewing Increases the Risk of Metabolic Syndrome and Its Components in a Large Taiwanese Population Follow-Up Study Category: Original Investigation. Nutrients, 2022, 14, 1018.	1.7	3
103	Multiple Hypovascular Tumors in Kidney: A Rare Case Report and Differential Diagnosis. Case Reports in Medicine, 2013, 2013, 1-4.	0.3	2
104	Investigation of Acoustic Cardiographic Parameters before and after Hemodialysis. Disease Markers, 2019, 2019, 1-9.	0.6	2
105	Associations of Small Fiber Neuropathy with Geriatric Nutritional Risk Index and Arterial Stiffness in Hemodialysis. Disease Markers, 2020, 2020, 1-8.	0.6	2
106	Association of diabetes mellitus with decline in ankle-brachial index among patients on hemodialysis: A 6-year follow-up study. PLoS ONE, 2017, 12, e0175363.	1.1	2
107	Generation of endoplasmic reticulum stress-dependent reactive oxygen species mediates TGF- β 1-induced podocyte migration. Journal of Biochemistry, 2022, 171, 305-314.	0.9	2
108	Increased frequency of the apolipoprotein E2 allele in maintenance haemodialysis patients in Taiwan. Nephrology, 2002, 7, 277-280.	0.7	1

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109	The MicroRNA Prediction Models as Ancillary Diagnosis Biomarkers for Urothelial Carcinoma in Patients With Chronic Kidney Disease. <i>Frontiers in Medicine</i> , 2021, 8, 726214.	1.2	1
110	Using herbs medically without knowing their composition: are we playing Russian roulette?. <i>Current Medical Research and Opinion</i> , 2022, 38, 847-852.	0.9	1
111	Does Amino Acid-Based Peritoneal Dialysate Change Homocysteine Metabolism in Continuous Ambulatory Peritoneal Dialysis Patients?. <i>Peritoneal Dialysis International</i> , 2003, 23, 48-51.	1.1	0
112	Association of type 2 diabetes mellitus and ratio of transmitral E wave velocity to early diastole mitral velocity with cardiovascular events in chronic kidney disease. <i>Oncotarget</i> , 2017, 8, 94407-94416.	0.8	0
113	SP567ASSOCIATION BETWEEN AGE AND CHANGES IN HEART RATE VARIABILITY AFTER HEMODIALYSIS IN PATIENTS WITH DIABETES. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i539-i539.	0.4	0
114	SP445EFFICACY AND SAFETY OF DAPAGLIFLOZIN ON TYPE II DIABETICS IN ASIAN PATIENTS. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i498-i498.	0.4	0
115	SP817The interaction between self-care behavior and disease knowledge in poor renal outcomes in elderly with chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.4	0
116	P1484PROGRESSION OF AORTIC ARCH CALCIFICATION IS ASSOCIATED WITH OVERALL AND CARDIOVASCULAR MORTALITY IN HEMODIALYSIS. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.4	0
117	P0832FINAL OUTCOME OF CKD STAGE 5 PATIENTS WHO CHOSE PALLIATIVE TREATMENT-EXPERIENCE FROM ONE MEDICAL CENTER IN TAIWAN. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.4	0
118	P0768NOVEL URINARY PROTEIN BIOMARKERS FOR UROTHELIAL CANCER IN PATIENTS WITH CHRONIC KIDNEY DISEASE. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.4	0
119	Compliance of energy and protein intake correlates with changes in renal functions of patients with chronic kidney disease. <i>FASEB Journal</i> , 2010, 24, 557.1.	0.2	0
120	Body mass index and suboptimal energy or protein intake predict risks of dialysis and mortality in patients with chronic kidney disease (CKD). <i>FASEB Journal</i> , 2011, 25, 995.9.	0.2	0