Shyi-Jang Shin

List of Publications by Year
in descending order

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78 papers	1,674 citations	257450 24 h-index	361022 35 g-index
83 all docs	83 docs citations	83 times ranked	2814 citing authors

#	Article	IF	Citations
1	Pathways of empowerment perceptions, health literacy, self-efficacy, and self-care behaviors to glycemic control in patients with type 2 diabetes mellitus. Patient Education and Counseling, 2016, 99, 287-294.	2.2	162
2	Association Between Insulin Resistance and Development of Microalbuminuria in Type 2 Diabetes. Diabetes Care, 2011, 34, 982-987.	8.6	75
3	Diabetes-related kidney, eye, and foot disease in Taiwan: An analysis of the nationwide data for 2000â€“2009. Journal of the Formosan Medical Association, 2012, 111, 637-644.	1.7	53
4	Liraglutide prevents and reverses monocrotaline-induced pulmonary arterial hypertension by suppressing ET-1 and enhancing eNOS/sGC/PKG pathways. Scientific Reports, 2016, 6, 31788.	3.3	50
5	Associations between dietary patterns and kidney function indicators in type 2 diabetes. Clinical Nutrition, 2014, 33, 98-105.	5.0	48
6	Subacute Thyroiditis Following Influenza Vaccine (VaxigripÂ®) in A Young Female. Kaohsiung Journal of Medical Sciences, 2006, 22, 297-300.	1.9	43
7	Blockade of the Renin-Angiotensin System Ameliorates Apelin Production in 3T3-L1 Adipocytes. Cardiovascular Drugs and Therapy, 2011, 25, 3-12.	2.6	39
8	Increased atrial natriuretic peptide mRNA expression in the kidney of diabetic rats. Kidney International, 1997, 51, 1100-1105.	5.2	38
9	Association of Serum Uric Acid Concentration with Diabetic Retinopathy and Albuminuria in Taiwanese Patients with Type 2 Diabetes Mellitus. International Journal of Molecular Sciences, 2016, 17, 1248.	4.1	38
10	Statin therapy prevents the onset of Parkinson disease in patients with diabetes. Annals of Neurology, 2016, 80, 532-540.	5.3	37
11	Obesity, weight change, and chronic kidney disease in patients with type 2 diabetes mellitus: A longitudinal study in Taiwan. Journal of Diabetes, 2017, 9, 983-993.	1.8	37
12	Suppression of Glutamine:Fructoseâ€6â€phosphate amidotransferaseâ€1 inhibits adipogenesis in 3T3â€L1 adipocytes. Journal of Cellular Physiology, 2012, 227, 108-115.	4.1	36
13	Association of Renal Elasticity and Renal Function Progression in Patients with Chronic Kidney Disease Evaluated by Real-Time Ultrasound Elastography. Scientific Reports, 2017, 7, 43303.	3.3	36
14	Effect of metformin on kidney function in patients with type 2 diabetes mellitus and moderate chronic kidney disease. Oncotarget, 2018, 9, 5416-5423.	1.8	36
15	Increased nitric oxide synthase mRNA expression in the renal medulla of water-deprived rats. Kidney International, 1999, 56, 2191-2202.	5.2	33
16	Significant association of ABCG8:D19H gene polymorphism with hypercholesterolemia and insulin resistance. Journal of Human Genetics, 2008, 53, 757-763.	2.3	33
17	Statin, Calcium Channel Blocker and Beta Blocker Therapy May Decrease the Incidence of Tuberculosis Infection in Elderly Taiwanese Patients with Type 2 Diabetes. International Journal of Molecular Sciences, 2015, 16, 11369-11384.	4.1	33
18	Patient empowerment interacts with health literacy to associate with subsequent self-management behaviors in patients with type 2 diabetes: A prospective study in Taiwan. Patient Education and Counseling, 2016, 99, 1626-1631.	2.2	30

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19	Rapid identification of pesticides in human oral fluid for emergency management by thermal desorption electrospray ionization/mass spectrometry. Journal of Mass Spectrometry, 2016, 51, 97-104.	1.6	30
20	The association between participation in a pay-for-performance program and macrovascular complications in patients with type 2 diabetes in Taiwan: A nationwide population-based cohort study. Preventive Medicine, 2016, 85, 53-59.	3.4	30
21	Cost-Effectiveness of Diabetes Pay-for-Performance Incentive Designs. Medical Care, 2015, 53, 106-115.	2.4	29
22	The Association of Pioglitazone and Urinary Tract Disease in Type 2 Diabetic Taiwanese: Bladder Cancer and Chronic Kidney Disease. PLoS ONE, 2014, 9, e85479.	2.5	28
23	Increased Unbound Retinol-binding Protein 4 Concentration Induces Apoptosis through Receptor-mediated Signaling. Journal of Biological Chemistry, 2012, 287, 9694-9707.	3.4	26
24	Diabetes Mellitus Increases Severity of Thrombocytopenia in Dengue-Infected Patients. International Journal of Molecular Sciences, 2015, 16, 3820-3830.	4.1	26
25	Cost-Effectiveness of a Diabetes Pay-For-Performance Program in Diabetes Patients with Multiple Chronic Conditions. PLoS ONE, 2015, 10, e0133163.	2.5	26
26	Betel nut extract and arecoline block insulin signaling and lipid storage in 3T3-L1 adipocytes. Cell Biology and Toxicology, 2011, 27, 397-411.	5.3	25
27	Cardiovascular Benefits of Acarbose vs Sulfonylureas in Patients With Type 2 Diabetes Treated With Metformin. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3611-3619.	3.6	25
28	Associations of changes in psychosocial factors and their interactions with diabetes distress in patients with type 2 diabetes: a longitudinal study. Journal of Advanced Nursing, 2017, 73, 1137-1146.	3.3	24
29	Elevated serum retinolâ€binding protein 4 concentrations are associated with renal dysfunction and uric acid in type 2 diabetic patients. Diabetes/Metabolism Research and Reviews, 2008, 24, 629-634.	4.0	22
30	Diabetes-related kidney, eye, and foot disease in Taiwan: An analysis of nationwide data from 2005 to 2014. Journal of the Formosan Medical Association, 2019, 118, S103-S110.	1.7	22
31	Rapid pointâ€ofâ€care identification of oral medications in gastric lavage content by ambient mass spectrometry in the emergency room. Rapid Communications in Mass Spectrometry, 2016, 30, 1295-1303.	1.5	20
32	Increased renal medullary endothelin-1 synthesis in prehypertensive DOCA- and salt-treated rats. American Journal of Physiology - Renal Physiology, 2000, 279, F112-F121.	2.7	19
33	Association of n-3 polyunsaturated fatty acids and inflammatory indicators with renal function decline in type 2 diabetes. Clinical Nutrition, 2015, 34, 229-234.	5.0	19
34	2018 consensus of the Taiwan Society of Cardiology and the Diabetes Association of Republic of China (Taiwan) on the pharmacological management of patients with type 2 diabetes and cardiovascular diseases. Journal of the Chinese Medical Association, 2018, 81, 189-222.	1.4	19
35	The hOGG1 Ser326Cys gene polymorphism is associated with decreased insulin sensitivity in subjects with normal glucose tolerance. Journal of Human Genetics, 2006, 51, 124-128.	2.3	18
36	Abnormally Low or High Ankle-Brachial Index Is Associated with Proliferative Diabetic Retinopathy in Type 2 Diabetic Mellitus Patients. PLoS ONE, 2015, 10, e0134718.	2.5	18

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37	Trend and Factors Associated With Healthcare Use and Costs in Type 2 Diabetes Mellitus. Medical Care, 2015, 53, 116-124.	2.4	18
38	The effectiveness of multimedia education for patients with type 2 diabetes mellitus. Journal of Advanced Nursing, 2017, 73, 943-954.	3.3	18
39	Greater HbA1c variability is associated with increased cardiovascular events in type 2 diabetes patients with preserved renal function, but not in moderate to advanced chronic kidney disease. PLoS ONE, 2017, 12, e0178319.	2.5	17
40	Hyperuricemia Inversely Correlates with Disease Severity in Taiwanese Nonalcoholic Steatohepatitis Patients. PLoS ONE, 2015, 10, e0139796.	2.5	16
41	Hospitalization in patients with type 2 diabetes mellitus in Taiwan: A nationwide population-based observational study. Journal of the Formosan Medical Association, 2019, 118, S90-S95.	1.7	16
42	Interleukin-6 gene polymorphisms correlate with the progression of nephropathy in Chinese patients with type 2 diabetes: A prospective cohort study. Diabetes Research and Clinical Practice, 2016, 120, 15-23.	2.8	15
43	Electronegative low density lipoprotein induces renal apoptosis and fibrosis: STRA6 signaling involved. Journal of Lipid Research, 2016, 57, 1435-1446.	4.2	15
44	Electronegative Low-Density Lipoprotein L5 Induces Adipose Tissue Inflammation Associated With Metabolic Syndrome. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 4615-4625.	3.6	15
45	Association Between Metabolic Syndrome and Microvascular and Macrovascular Disease in Type 2 Diabetic Mellitus. American Journal of the Medical Sciences, 2018, 355, 342-349.	1.1	15
46	Increased APOE glycosylation plays a key role in the atherogenicity of L5 lowâ€density lipoprotein. FASEB Journal, 2020, 34, 9802-9813.	0.5	15
47	Metformin use and cirrhotic decompensation in patients with type 2 diabetes and liver cirrhosis. British Journal of Clinical Pharmacology, 2022, 88, 311-322.	2.4	15
48	Increased renal ANP synthesis, but decreased or unchanged cardiac ANP synthesis in water-deprived and salt-restricted rats. Kidney International, 1998, 54, 1617-1625.	5.2	14
49	Up-Regulation of Adrenal Cortical and Medullary Atrial Natriuretic Peptide and Gene Expression in Rats with Deoxycorticosterone Acetate-Salt Treatment1. Endocrinology, 2000, 141, 325-332.	2.8	13
50	VLDL from Metabolic Syndrome Individuals Enhanced Lipid Accumulation in Atria with Association of Susceptibility to Atrial Fibrillation. International Journal of Molecular Sciences, 2016, 17, 134.	4.1	12
51	Determinants for quality of life trajectory patterns in patients with type 2 diabetes. Quality of Life Research, 2019, 28, 481-490.	3.1	12
52	Upregulation of Neuronal Nitric Oxide Synthase mRNA and Protein in Adrenal Medulla of Water-deprived Rats. Journal of Histochemistry and Cytochemistry, 2005, 53, 45-53.	2.5	11
53	The 8-oxoguanine glycosylase I (hOGG1) Ser326Cys variant affects the susceptibility to multi-vessel disease in Taiwan coronary artery disease patients. Thrombosis Research, 2010, 126, 319-323.	1.7	11
54	Very Low-Density Lipoproteins of Metabolic Syndrome Modulates STIM1, Suppresses Store-Operated Calcium Entry, and Deranges Myofilament Proteins in Atrial Myocytes. Journal of Clinical Medicine, 2019, 8, 881.	2.4	11

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55	The hOGG1 Ser326Cys Gene Polymorphism and the Risk of Coronary Ectasia in the Chinese Population. International Journal of Molecular Sciences, 2014, 15, 1671-1682.	4.1	10
56	A diabetes pay-for-performance program and the competing causes of death among cancer survivors with type 2 diabetes in Taiwan. International Journal for Quality in Health Care, 2017, 29, 512-520.	1.8	10
57	A Diabetes Pay-for-Performance Program and Risks of Cancer Incidence and Death in Patients With Type 2 Diabetes in Taiwan. Preventing Chronic Disease, 2017, 14, E88.	3.4	10
58	Disruption of retinoid homeostasis induces RBP4 overproduction in diabetes: O-GlcNAcylation involved. Metabolism: Clinical and Experimental, 2020, 113, 154403.	3.4	10
59	Atrial natriuretic peptide attenuates high glucoseâ€activated transforming growth factorâ€Î², Smad and collagen synthesis in renal proximal tubular cells. Journal of Cellular Biochemistry, 2008, 103, 1999-2009.	2.6	9
60	O-GlcNAcylation disrupts STRA6-retinol signals in kidneys of diabetes. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 1059-1069.	2.4	9
61	Abnormally Low or High Ankle-Brachial Index Is Associated With the Development of Diabetic Retinopathy in Type 2 Diabetes Mellitus. Scientific Reports, 2018, 8, 441.	3.3	8
62	Epidemiological characteristics of diabetic kidney disease in Taiwan. Journal of Diabetes Investigation, 2021, 12, 2112-2123.	2.4	8
63	Significantly Increased Cortisol Secretion in Normal Adrenocortical Cells Transfected withK-rasMutants Derived from Human Functional Adrenocortical Tumors. DNA and Cell Biology, 2001, 20, 231-238.	1.9	7
64	The role of postprandial very-low-density lipoprotein in the development of atrial remodeling in metabolic syndrome. Lipids in Health and Disease, 2020, 19, 210.	3.0	7
65	The impact of severe hypoglycemia on renal impairment in type 2 diabetes. Diabetes Research and Clinical Practice, 2015, 108, 448-455.	2.8	6
66	Severe Hypoglycemia as a Predictor of End-Stage Renal Disease in Type 2 Diabetes: A National Cohort Study. International Journal of Environmental Research and Public Health, 2019, 16, 681.	2.6	6
67	Ventricular PKC-? and humoral signaling in DOCA-Salt rats treated with labedipinedilol-A. Drug Development Research, 2003, 59, 307-315.	2.9	5
68	Local action of endogenous renal tubular atrial natriuretic peptide. Journal of Cellular Physiology, 2009, 219, 776-786.	4.1	5
69	Up-Regulation of Adrenal Cortical and Medullary Atrial Natriuretic Peptide and Gene Expression in Rats with Deoxycorticosterone Acetate-Salt Treatment. Endocrinology, 2000, 141, 325-332.	2.8	5
70	Glucagonâ€like peptideâ€1 receptor agonists and their effects on weight reduction. Journal of Diabetes Investigation, 2012, 3, 490-491.	2.4	4
71	Blood biomarkers of various dietary patterns correlated with metabolic indicators in Taiwanese type 2 diabetes. Food and Nutrition Research, 2019, 63, .	2.6	4
72	Successful management of type IV hypersensitivity reactions to human insulin analogue with injecting mixtures of biphasic insulin aspart and dexamethasone. Journal of the Formosan Medical Association, 2019, 118, 843-848.	1.7	3

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73	Electronegative lowâ€density lipoprotein of patients with metabolic syndrome induces pathogenesis of aorta through disruption of the stimulated by retinoic acidÂ6 cascade. Journal of Diabetes Investigation, 2020, 11, 535-544.	2.4	3
74	Increased frequency of the apolipoprotein E2 allele in maintenance haemodialysis patients in Taiwan. Nephrology, 2002, 7, 277-280.	1.6	1
75	Down-regulation of adrenal neuronal nitric oxide synthase mRNAs and proteins after deoxycorticosterone acetate-salt treatment in rats. Journal of Steroid Biochemistry and Molecular Biology, 2006, 101, 197-203.	2.5	1
76	Subthreshold transpupillary thermotherapy in Chinese patients with myopic choroidal neovascularization: oneâ€and twoâ€year follow up. Clinical and Experimental Ophthalmology, 2008, 36, 443-448.	2.6	0
77	Reply. Annals of Neurology, 2017, 81, 157-158.	5.3	0
78	Association between dietary patterns and renal function indicators in type 2 diabetes. FASEB Journal, 2012, 26, 125.1.	0.5	0