Chi-Sheng Hung

List of Publications by Year
in descending order

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68	1,355	304743	395702
papers	citations	22 h-index	33 g-index

78	78	78	2136
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Predictors for Successful Endovascular Intervention in Chronic Carotid Artery Total Occlusion. JACC: Cardiovascular Interventions, 2016, 9, 1825-1832.	2.9	83
2	Complexity of heart rate variability predicts outcome in intensive care unit admitted patients with acute strokeÂ. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 95-100.	1.9	77
3	Nonalcoholic Fatty Liver Disease Is Associated With QT Prolongation in the General Population. Journal of the American Heart Association, 2015, 4, .	3.7	72
4	IL-6 trans-signalling contributes to aldosterone-induced cardiac fibrosis. Cardiovascular Research, 2018, 114, 690-702.	3.8	70
5	Plasma apelin: A novel biomarker for predicting diabetes. Clinica Chimica Acta, 2014, 435, 18-23.	1.1	62
6	Measurement of Visceral Fat: Should We Include Retroperitoneal Fat?. PLoS ONE, 2014, 9, e112355.	2.5	52
7	Identification of Atrial Fibrillation by Quantitative Analyses of Fingertip Photoplethysmogram. Scientific Reports, 2017, 7, 45644.	3.3	51
8	Clinical Outcome and Cost-Effectiveness of a Synchronous Telehealth Service for Seniors and Nonseniors with Cardiovascular Diseases: Quasi-Experimental Study. Journal of Medical Internet Research, 2013, 15, e87.	4.3	47
9	Endothelial Dysfunction in Primary Aldosteronism. International Journal of Molecular Sciences, 2019, 20, 5214.	4.1	44
10	Left ventricular remodeling and dysfunction in primary aldosteronism. Journal of Human Hypertension, 2021, 35, 131-147.	2.2	44
11	The efficacy and safety of novel classes of glucose-lowering drugs for cardiovascular outcomes: a network meta-analysis of randomised clinical trials. Diabetologia, 2021, 64, 2676-2686.	6.3	44
12	Assessment of the Cost-Effectiveness and Clinical Outcomes of a Fourth-Generation Synchronous Telehealth Program for the Management of Chronic Cardiovascular Disease. Journal of Medical Internet Research, 2014, 16, e145.	4.3	44
13	Collateral Channel Size and Tortuosity Predict Retrograde Percutaneous Coronary Intervention Success for Chronic Total Occlusion. Circulation: Cardiovascular Interventions, 2018, 11, e005124.	3.9	36
14	Aldosterone Induces Tissue Inhibitor of Metalloproteinases-1 Expression and Further Contributes to Collagen Accumulation. Hypertension, 2016, 67, 1309-1320.	2.7	35
15	Prevalence and outcome of patients with non-ST segment elevation myocardial infarction with occluded â€œculpritâ€•artery â€“ a systemic review and meta-analysis. Critical Care, 2018, 22, 34.	5.8	29
16	Increased Pancreatic Echogenicity with US: Relationship to Glycemic Progression and Incident Diabetes. Radiology, 2018, 287, 853-863.	7.3	28
17	Aldosterone Induces Vascular Damage. Hypertension, 2019, 74, 623-629.	2.7	28
18	Mortality Benefit of a Fourth-Generation Synchronous Telehealth Program for the Management of Chronic Cardiovascular Disease: A Longitudinal Study. Journal of Medical Internet Research, 2016, 18, e102.	4.3	28

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19	Chronic wound assessment and infection detection method. BMC Medical Informatics and Decision Making, 2019, 19, 99.	3.0	26
20	Aldosterone Impairs Vascular Smooth Muscle Function: From Clinical to Bench Research. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4339-4347.	3.6	25
21	Time course and factors predicting arterial stiffness reversal in patients with aldosterone-producing adenoma after adrenalectomy: prospective study of 102 patients. Scientific Reports, 2016, 6, 20862.	3.3	25
22	Circulating tissue inhibitor of matrix metalloproteinase-1 is associated with aldosterone-induced diastolic dysfunction. Journal of Hypertension, 2015, 33, 1922-1930.	0.5	24
23	Left Ventricular Dysfunction in Patients With Primary Aldosteronism: A Propensity Scoreâ€“Matching Followâ€Up Study With Tissue Doppler Imaging. Journal of the American Heart Association, 2019, 8, e013263.	3.7	24
24	Serum Vascular Adhesion Protein-1 Predicts End-Stage Renal Disease in Patients with Type 2 Diabetes. PLoS ONE, 2016, 11, e0147981.	2.5	24
25	Long-term Outcomes After Endovascular Recanalization in Patients with Chronic Carotid Artery Occlusion. American Journal of Cardiology, 2018, 122, 1779-1783.	1.6	19
26	Interleukin-6 plays a critical role in aldosterone-induced macrophage recruitment and infiltration in the myocardium. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165627.	3.8	18
27	KCNJ5 Somatic Mutations in Aldosterone-Producing Adenoma Are Associated With a Worse Baseline Status and Better Recovery of Left Ventricular Remodeling and Diastolic Function. Hypertension, 2021, 77, 114-125.	2.7	17
28	Twenty-Four-Hour Urinary Aldosterone Predicts Inappropriate Left Ventricular Mass Index in Patients with Primary Aldosteronism. Scientific World Journal, The, 2013, 2013, 1-8.	2.1	16
29	Inhibition of semicarbazide-sensitive amine oxidase reduces atherosclerosis in apolipoprotein E-deficient mice. Translational Research, 2018, 197, 12-31.	5.0	16
30	Retrograde Approach is as Effective and Safe as Antegrade Approach in Contemporary Percutaneous Coronary Intervention for Chronic Total Occlusion: A Taiwan Single-Center Registry Study. Acta Cardiologica Sinica, 2017, 33, 20-27.	0.2	15
31	Prognostic Factors for Neurologic Outcome in Patients with Carotid Artery Stenting. Acta Cardiologica Sinica, 2016, 32, 205-14.	0.2	15
32	Intentional combination of ProGlide and Angio-Seal for femoral access haemostasis in transcatheter aortic valve replacement. International Journal of Cardiology, 2019, 293, 76-79.	1.7	14
33	A Telesurveillance System With Automatic Electrocardiogram Interpretation Based on Support Vector Machine and Rule-Based Processing. JMIR Medical Informatics, 2015, 3, e21.	2.6	14
34	Hypokalemia correlated with arterial stiffness but not microvascular endothelial function in patients with primary aldosteronism. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2015, 16, 353-359.	1.7	13
35	Assessment of the Relationship Between Ambient Temperature and Home Blood Pressure in Patients From a Web-Based Synchronous Telehealth Care Program: Retrospective Study. Journal of Medical Internet Research, 2019, 21, e12369.	4.3	13
36	Inhibition of Semicarbazide-sensitive Amine Oxidase Reduces Atherosclerosis in Cholesterol-fed New Zealand White Rabbits. Scientific Reports, 2018, 8, 9249.	3.3	12

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37	Acute particulate matter exposure is associated with disturbances in heart rate complexity in patients with prior myocardial infarction. Science of the Total Environment, 2020, 733, 138842.	8.0	11
38	2020 Consensus Statement of the Taiwan Hypertension Society and the Taiwan Society of Cardiology on Home Blood Pressure Monitoring for the Management of Arterial Hypertension. Acta Cardiologica Sinica, 2020, 36, 537-561.	0.2	11
39	Effect of Contract Compliance Rate to a Fourth-Generation Telehealth Program on the Risk of Hospitalization in Patients With Chronic Kidney Disease: Retrospective Cohort Study. Journal of Medical Internet Research, 2018, 20, e23.	4.3	10
40	Using paper chart based clinical reminders to improve guideline adherence to lipid management. Journal of Evaluation in Clinical Practice, 2008, 14, 861-866.	1.8	9
41	Use of the CHA2DS2-VASc Score for Risk Stratification of Hospital Admissions Among Patients With Cardiovascular Diseases Receiving a Fourth-Generation Synchronous Telehealth Program: Retrospective Cohort Study. Journal of Medical Internet Research, 2019, 21, e12790.	4.3	9
42	Effectiveness and safety of non-vitamin K antagonist oral anticoagulants in Asian patients with atrial fibrillation and valvular heart disease. Current Medical Research and Opinion, 2021, 37, 535-542.	1.9	8
43	The Relation between the Degree of Left Ventricular Mass Regression and Serum Potassium Level Change in Patients with Primary Aldosteronism after Adrenalectomy. Journal of Investigative Medicine, 2015, 63, 816-820.	1.6	7
44	Aldosterone suppresses cardiac mitochondria. Translational Research, 2022, 239, 58-70.	5.0	7
45	Carotidâ€cavernous fistula after endovascular intervention for chronic carotid artery total occlusion. Catheterization and Cardiovascular Interventions, 2018, 91, 735-741.	1.7	6
46	The association between new onset atrial fibrillation and incident cancerâ€"A nationwide cohort study. PLoS ONE, 2018, 13, e0199901.	2.5	6
47	The Costs and Cardiovascular Benefits in Patients With Peripheral Artery Disease From a Fourth-Generation Synchronous Telehealth Program: Retrospective Cohort Study. Journal of Medical Internet Research, 2021, 23, e24346.	4.3	6
48	Heart-Ankle Pulse Wave Velocity Is Superior to Brachial-Ankle Pulse Wave Velocity in Detecting Aldosterone-Induced Arterial Stiffness. Biomedicines, 2021, 9, 1285.	3.2	6
49	Cost-effectiveness of Drug-eluting Stents in Patients With Stable Coronary Artery Disease. Journal of the Formosan Medical Association, 2011, 110, 109-114.	1.7	5
50	Atrial Fibrillation Screening in Nonmetropolitan Areas Using a Telehealth Surveillance System With an Embedded Cloud-Computing Algorithm: Prospective Pilot Study. JMIR MHealth and UHealth, 2017, 5, e135.	3.7	5
51	ECG baseline extraction by gradient varying weighting functions. , 2013, , .		4
52	Impact of hospital volume on longâ€term neurological outcome in patients undergoing carotid artery stenting. Catheterization and Cardiovascular Interventions, 2017, 89, 1242-1249.	1.7	4
53	A Congestive Heart Failure Detection System via Multi-Input Deep Learning Networks. , 2019, , .		4
54	Aldosterone Excess Induced Mitochondria Decrease and Dysfunction via Mineralocorticoid Receptor and Oxidative Stress In Vitro and In Vivo. Biomedicines, 2021, 9, 946.	3.2	4

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55	Aldosterone Suppresses Endothelial Mitochondria through Mineralocorticoid Receptor/Mitochondrial Reactive Oxygen Species Pathway. Biomedicines, 2022, 10, 1119.	3.2	4
56	Fasting but not changes of plasma metabolome during oral glucose tolerance tests improves the diagnosis of severe coronary arterial stenosis. Clinical Endocrinology, 2015, 83, 483-489.	2.4	3
57	The periprocedural and 30-day outcomes of carotid stenting in patients with carotid artery near-occlusion. Scientific Reports, 2021, 11, 21876.	3.3	3
58	The Impact of Metabolic Syndrome, Homocysteine, and B Vitamins on Carotid Artery Intima-Media Thickness in Hypertensive Patients. Acta Cardiologica Sinica, 2013, 29, 56-63.	0.2	3
59	KCNJ5 Somatic Mutation Is Associated With Higher Aortic Wall Thickness and Less Calcification in Patients With Aldosterone-Producing Adenoma. Frontiers in Endocrinology, 2022, 13, 830130.	3.5	3
60	A clinical decision and support system with automatically ECG classification in telehealthcare. , 2014, , .		2
61	U-shaped relationship between left ventricular mass index and estimated glomerular filtration rate in patients with primary aldosteronism. Journal of Investigative Medicine, 2020, 68, 371-377.	1.6	2
62	Impact of conduction disturbances on left ventricular mass regression and geometry change following transcatheter aortic valve replacement. Scientific Reports, 2021, 11, 16778.	3.3	2
63	The Impact of Synchronous Telehealth Services With a Digital Platform on Day-by-Day Home Blood Pressure Variability in Patients with Cardiovascular Diseases: Retrospective Cohort Study. Journal of Medical Internet Research, 2022, 24, e22957.	4.3	2
64	The Association Between Short-term Exposure to Ambient Air Pollution and Patient-Level Home Blood Pressure Among Patients With Chronic Cardiovascular Diseases in a Web-Based Synchronous Telehealth Care Program: Retrospective Study. JMIR Public Health and Surveillance, 2021, 7, e26605.	2.6	1
65	Association of Incidence of Acid-related Upper Gastrointestinal Disorders With Glycated Hemoglobin Level. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2563-e2571.	3.6	1
66	The CSP (Cardiogenic Shock Prognosis) Score: A Tool for Risk Stratification of Cardiogenic Shock. Frontiers in Cardiovascular Medicine, 2022, 9, 842056.	2.4	1
67	The Logistics of Medication and Patient Flow in Video-Based Virtual Clinics During a Sudden COVID-19 Outbreak in Taiwan: Observational Study. Interactive Journal of Medical Research, 2022, 11, e37880.	1.4	1
68	Comments on â€œEffectiveness and safety of extracranial carotid stent placement: A nationwide self-controlled case-series studyâ€• Journal of the Formosan Medical Association, 2016, 115, 62.	1.7	0