Thimoteus Speer

List of Publications by Year
in descending order

74 papers	2,794 citations	185998 28 h-index	189595 50 g-index
76 all docs	76 docs citations	76 times ranked	4224 citing authors

#	Article	IF	Citations
1	Abnormal High-Density Lipoprotein Induces Endothelial Dysfunction via Activation of Toll-like Receptor-2. Immunity, 2013, 38, 754-768.	6.6	261
2	WNTâ€“Î²-catenin signalling â€” a versatile player in kidney injury and repair. Nature Reviews Nephrology, 2021, 17, 172-184.	4.1	200
3	Apolipoprotein C3 induces inflammation and organ damage by alternative inflammasome activation. Nature Immunology, 2020, 21, 30-41.	7.0	169
4	Serum amyloid A: high-density lipoproteins interaction and cardiovascular risk. European Heart Journal, 2015, 36, ehv352.	1.0	116
5	Carbamylated low-density lipoprotein induces endothelial dysfunction. European Heart Journal, 2014, 35, 3021-3032.	1.0	114
6	Nebivolol Exerts Beneficial Effects on Endothelial Function, Early Endothelial Progenitor Cells, Myocardial Neovascularization, and Left Ventricular Dysfunction Early After Myocardial Infarction Beyond Conventional Î²1-Blockade. Journal of the American College of Cardiology, 2011, 57, 601-611.	1.2	111
7	Association between urinary dickkopf-3, acute kidney injury, and subsequent loss of kidney function in patients undergoing cardiac surgery: an observational cohort study. Lancet, The, 2019, 394, 488-496.	6.3	108
8	HDL in Children with CKD Promotes Endothelial Dysfunction and an Abnormal Vascular Phenotype. Journal of the American Society of Nephrology: JASN, 2014, 25, 2658-2668.	3.0	97
9	Inhibition of Nicotinamide Phosphoribosyltransferase Reduces Neutrophil-Mediated Injury in Myocardial Infarction. Antioxidants and Redox Signaling, 2013, 18, 630-641.	2.5	95
10	HDL Cholesterol Is Not Associated with Lower Mortality in Patients with Kidney Dysfunction. Journal of the American Society of Nephrology: JASN, 2014, 25, 1073-1082.	3.0	86
11	Emerging role of post-translational modifications in chronic kidney disease and cardiovascular disease. Nephrology Dialysis Transplantation, 2015, 30, 1814-1824.	0.4	84
12	Relations between lipoprotein(a) concentrations, LPA genetic variants, and the risk of mortality in patients with established coronary heart disease: a molecular and genetic association study. Lancet Diabetes and Endocrinology,the, 2017, 5, 534-543.	5.5	84
13	Symmetric dimethylarginine, high-density lipoproteins and cardiovascular disease. European Heart Journal, 2017, 38, 1597-1607.	1.0	77
14	Dickkopf-3 (DKK3) in Urine Identifies Patients with Short-Term Risk of eGFR Loss. Journal of the American Society of Nephrology: JASN, 2018, 29, 2722-2733.	3.0	73
15	Genetically determined NLRP3 inflammasome activation associates with systemic inflammation and cardiovascular mortality. European Heart Journal, 2021, 42, 1742-1756.	1.0	63
16	Total-to-ionized calcium ratio predicts mortality in continuous renal replacement therapy with citrate anticoagulation in critically ill patients. Critical Care, 2012, 16, R97.	2.5	54
17	Progression of Kidney Injury and Cardiac Remodeling in Obese Spontaneously Hypertensive Rats: The Role of Renal Sympathetic Innervation. American Journal of Hypertension, 2015, 28, 256-265.	1.0	54
18	Carbamylated Low-Density LipoproteinsÂInduce a ProthromboticÂStateÂVia LOX-1. Journal of the American College of Cardiology, 2016, 68, 1664-1676.	1.2	52

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19	Dimethylarginines ADMA and SDMA: The Real Water-Soluble Small Toxins?. Seminars in Nephrology, 2014, 34, 97-105.	0.6	51
20	Intercellular communication lessons in heart failure. European Journal of Heart Failure, 2015, 17, 1091-1103.	2.9	47
21	Bias in recent miRBase annotations potentially associated with RNA quality issues. Scientific Reports, 2017, 7, 5162.	1.6	46
22	Long-term continuous renal replacement therapy and anticoagulation with citrate in critically ill patients with severe liver dysfunction. Critical Care, 2017, 21, 294.	2.5	40
23	Uraemic dyslipidaemia revisited: role of high-density lipoprotein. Nephrology Dialysis Transplantation, 2013, 28, 2456-2463.	0.4	37
24	Interleukin-1Î± Is a Central Regulator of Leukocyte-Endothelial Adhesion in Myocardial Infarction and in Chronic Kidney Disease. Circulation, 2021, 144, 893-908.	1.6	36
25	Innate immunity in CKD-associated vascular diseases. Nephrology Dialysis Transplantation, 2016, 31, 1813-1821.	0.4	34
26	Short-term inhibition of DPP-4 enhances endothelial regeneration after acute arterial injury via enhanced recruitment of circulating progenitor cells. International Journal of Cardiology, 2014, 177, 266-275.	0.8	32
27	Lipoproteins in chronic kidney disease: from bench to bedside. European Heart Journal, 2021, 42, 2170-2185.	1.0	32
28	Vascular effects of oxysterols and oxyphytosterols in apoEÂâ¯'/â¯' mice. Atherosclerosis, 2015, 240, 73-79.	0.4	30
29	Diesel Exhaust Particles Impair Endothelial Progenitor Cells, Compromise Endothelial Integrity, Reduce Neoangiogenesis, and Increase Atherogenesis in Mice. Cardiovascular Toxicology, 2013, 13, 290-300.	1.1	29
30	Endothelial LOX-1 activation differentially regulates arterial thrombus formation depending on oxLDL levels: role of the Oct-1/SIRT1 and ERK1/2 pathways. Cardiovascular Research, 2017, 113, 498-507.	1.8	27
31	Endothelial progenitor cells in chronic kidney disease. Nephrology Dialysis Transplantation, 2010, 25, 341-346.	0.4	26
32	Elevated endothelin-1 level is a risk factor for nonocclusive mesenteric ischemia. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 1436-1442.e2.	0.4	26
33	Repeated exposure to transient obstructive sleep apneaâ€"related conditions causes an atrial fibrillation substrate in a chronic rat model. Heart Rhythm, 2021, 18, 455-464.	0.3	26
34	Dickkopf 3â€"a novel biomarker of the â€˜kidney injury continuumâ€™. Nephrology Dialysis Transplantation, 2021, 36, 761-767.	0.4	25
35	Distinct Patterns of Blood Cytokines Beyond a Cytokine Storm Predict Mortality in COVID-19. Journal of Inflammation Research, 2021, Volume 14, 4651-4667.	1.6	24
36	Novel Insights Into the Critical Role of Bradykinin and the Kinin B2 Receptor for Vascular Recruitment of Circulating Endothelial Repairâ€"Promoting Mononuclear Cell Subsets. Circulation, 2013, 127, 594-603.	1.6	21

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37	Altered vitamin K biodistribution and metabolism in experimental and human chronic kidney disease. Kidney International, 2022, 101, 338-348.	2.6	21
38	A single preoperative FGF23 measurement is a strong predictor of outcome in patients undergoing elective cardiac surgery: a prospective observational study. Critical Care, 2015, 19, 190.	2.5	20
39	Orphan nuclear receptor ERR-Î³ regulates hepatic FGF23 production in acute kidney injury. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	19
40	Melatonin modifies cellular stress in the liver of septic mice by reducing reactive oxygen species and increasing the unfolded protein response. Experimental and Molecular Pathology, 2014, 97, 565-571.	0.9	18
41	A Bifunctional Adsorber Particle for the Removal of Hydrophobic Uremic Toxins from Whole Blood of Renal Failure Patients. Toxins, 2019, 11, 389.	1.5	18
42	Proprotein convertase subtilisin/kexin type 9 in kidney disease. Nephrology Dialysis Transplantation, 2019, 34, 1266-1271.	0.4	18
43	Anacetrapib, but not evacetrapib, impairs endothelial function in CETP-transgenic mice in spite of marked HDL-C increase. Atherosclerosis, 2017, 257, 186-194.	0.4	17
44	Guanidinylated Apolipoprotein C3 (ApoC3) Associates with Kidney and Vascular Injury. Journal of the American Society of Nephrology: JASN, 2021, 32, 3146-3160.	3.0	16
45	High-density lipoprotein (HDL) and infections: a versatile culprit. European Heart Journal, 2018, 39, 1191-1193.	1.0	15
46	Carbamylated sortilin associates with cardiovascular calcification in patients with chronic kidney disease. Kidney International, 2022, 101, 574-584.	2.6	14
47	A systematic review and meta-analysis of murine models of uremic cardiomyopathy. Kidney International, 2022, 101, 256-273.	2.6	13
48	Modulation of the sympathetic nervous system by renal denervation prevents reduction of aortic distensibility in atherosclerosis prone ApoE-deficient rats. Journal of Translational Medicine, 2016, 14, 167.	1.8	12
49	The new SFB/TRR219 Research Centre. European Heart Journal, 2018, 39, 975-977.	1.0	11
50	Genetic Variation in Sodiumâ€glucose Cotransporter 2 and Heart Failure. Clinical Pharmacology and Therapeutics, 2021, 110, 149-158.	2.3	11
51	Cathepsin A contributes to left ventricular remodeling by degrading extracellular superoxide dismutase in mice. Journal of Biological Chemistry, 2020, 295, 12605-12617.	1.6	10
52	Measurement of urinary Dickkopf-3 uncovered silent progressive kidney injury in patients with chronic obstructive pulmonary disease. Kidney International, 2021, 100, 1081-1091.	2.6	10
53	Sympathoadrenergic suppression improves heart function by upregulating the ratio of sRAGE/RAGE in hypertension with metabolic syndrome. Journal of Molecular and Cellular Cardiology, 2018, 122, 34-46.	0.9	9
54	Common APOC3 variants are associated with circulating ApoC-III and VLDL cholesterol but not with total apolipoprotein B and coronary artery disease. Atherosclerosis, 2020, 311, 84-90.	0.4	9

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55	Bleeding complications after cardiac surgery, before anticoagulation start and then with argatroban or heparin in the early postoperative setting. Journal of Cardiothoracic Surgery, 2020, 15, 27.	0.4	8
56	The wealth of nations and the dissemination of cardiovascular research. International Journal of Cardiology, 2013, 169, 190-195.	0.8	7
57	Renal Denervation Prevents Atrial Arrhythmogenic Substrate Development in CKD. Circulation Research, 2022, 130, 814-828.	2.0	7
58	Potassium: an ion with dangerous airs and graces. European Heart Journal, 2018, 39, 1543-1545.	1.0	5
59	Renal markers for monitoring acute kidney injury transition to chronic kidney disease after COVID-19. Nephrology Dialysis Transplantation, 2021, 36, 2143-2147.	0.4	4
60	Chemokine CCL9 Is Upregulated Early in Chronic Kidney Disease and Counteracts Kidney Inflammation and Fibrosis. Biomedicines, 2022, 10, 420.	1.4	4
61	J-shaped association between circulating apoC-III and cardiovascular mortality. European Journal of Preventive Cardiology, 2022, 29, e68-e71.	0.8	2
62	Targeting Pancreatic Islet NLRP3 Improves Islet Graft Revascularization. Diabetes, 0, , .	0.3	2
63	Renal denervation reduces atrial remodeling in hypertensive rats with metabolic syndrome. Basic Research in Cardiology, 2022, 117, .	2.5	2
64	FO084APOLIPOPROTEIN C3 INDUCES SYSTEMIC INFLAMMATION AND ORGAN DAMAGE IN CKD BY ALTERNATIVE INFLAMMASOME ACTIVATION VIA A NOVEL PATHWAY. Nephrology Dialysis Transplantation, 2019, 34, .	0.4	1
65	Long-term safety and efficacy of anacetrapib in patients with atherosclerotic vascular disease. European Heart Journal, 2022, , .	1.0	1
66	Response by Schunk and Speer to the Letter Regarding Article, â€œInterleukin-1Î± Is a Central Regulator of Leukocyte-Endothelial Adhesion in Myocardial Infarction and in Chronic Kidney Diseaseâ€• Circulation, 2022, 145, e764.	1.6	1
67	SaO038PREOPERATIVE URINARY DICKKOPF-3 (DKK3) PREDICTS POSTOPERATIVE ACUTE KIDNEY INJURY AND TRANSITION INTO CKD IN PATIENTS UNDERGOING CARDIAC SURGERY. Nephrology Dialysis Transplantation, 2019, 34, .	0.4	0
68	SO080NOVEL EVIDENCE OF THE â€œPULMO-RENAL INTERACTIONâ€•AS A DISEASE DRIVER IN PATIENTS WITH CKD AND COPD. Nephrology Dialysis Transplantation, 2020, 35, .	0.4	0
69	SO003LIFE-LONG NLRP3 INFLAMMASOME-MEDIATED SYSTEMIC INFLAMMATION ASSOCIATES WITH CARDIOVASCULAR MORTALITY: A GENETIC ASSOCIATION STUDY OF >500,000 INDIVIDUALS. Nephrology Dialysis Transplantation, 2020, 35, .	0.4	0
70	MO451GUANIDINYLATED APOLIPOPROTEIN C3 (APOC3) A NOVEL PLAYER IN CKD AND CKD-ASSOCIATED CARDIOVASCULAR DISEASES. Nephrology Dialysis Transplantation, 2021, 36, .	0.4	0
71	MO435MULTIMODAL IMAGING FOR MOLECULAR TISSUE ANALYSIS. Nephrology Dialysis Transplantation, 2021, 36, .	0.4	0
72	Heart and kidney disease: aÂcardiovascular high-risk constellation. Herz, 2021, 46, 206-211.	0.4	0

#	Article	IF	Citations
73	MO185: Post-Translational Carbamylation of Sortilin is Associated with Cardiovascular Calcification in Chronic Kidney Disease. Nephrology Dialysis Transplantation, 2022, 37, .	0.4	0
74	MO453: Post-Translational Guanidinylation of Apolipoprotein C3 (APOC3) is Associated With Kidney and Vascular Injury. Nephrology Dialysis Transplantation, 2022, 37, .	0.4	0