

Yan-Ting Shiu

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,010
citations

623734

14
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

1379
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitric oxide releasing nanomatrix gel treatment inhibits venous intimal hyperplasia and improves vascular remodeling in a rodent arteriovenous fistula. <i>Biomaterials</i> , 2022, 280, 121254.	11.4	15
2	Inhibition of β -catenin signaling attenuates arteriovenous fistula thickening in mice by suppressing myofibroblasts. <i>Molecular Medicine</i> , 2022, 28, 7.	4.4	4
3	Analyses of hemodialysis arteriovenous fistula geometric configuration and its associations with maturation and reintervention. <i>Journal of Vascular Surgery</i> , 2021, 73, 1778-1786.e1.	1.1	9
4	Parathyroid Hormone Induces Transition of Myofibroblasts in Arteriovenous Fistula and Increases Maturation Failure. <i>Endocrinology</i> , 2021, 162, .	2.8	3
5	Inhibition of Lysyl Oxidase with β -aminopropionitrile Improves Venous Adaptation after Arteriovenous Fistula Creation. <i>Kidney360</i> , 2021, 2, 270-278.	2.1	10
6	Analysis of Geometric and Hemodynamic Profiles in Rat Arteriovenous Fistula Following PDE5A Inhibition. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 779043.	4.1	3
7	The Geometry of Arteriovenous Fistulas Using Endothelial Nitric Oxide Synthase Mouse Models. <i>Kidney360</i> , 2020, 1, 925-935.	2.1	5
8	Abnormalities of vascular histology and collagen fiber configuration in patients with advanced chronic kidney disease. <i>Journal of Vascular Access</i> , 2019, 20, 31-40.	0.9	9
9	Mineral Metabolism Disturbances and Arteriovenous Fistula Maturation. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 57, 719-728.	1.5	10
10	The effect of endothelial nitric oxide synthase on the hemodynamics and wall mechanics in murine arteriovenous fistulas. <i>Scientific Reports</i> , 2019, 9, 4299.	3.3	20
11	Arteriovenous conduits for hemodialysis: how to better modulate the pathophysiological vascular response to optimize vascular access durability. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F794-F806.	2.7	37
12	Elevated arterial shear rate increases indexes of endothelial cell autophagy and nitric oxide synthase activation in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H106-H112.	3.2	36
13	Evidence for an Age-Associated Impairment of Exercise-Induced Autophagy and eNOS Activation in Primary Arterial Endothelial Cells from Humans. <i>FASEB Journal</i> , 2019, 33, 696.2.	0.5	0
14	Fibrotic Venous Remodeling and Nonmaturation of Arteriovenous Fistulas. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1030-1040.	6.1	40
15	Transcription Factor ETS-1 and Reactive Oxygen Species: Role in Vascular and Renal Injury. <i>Antioxidants</i> , 2018, 7, 84.	5.1	5
16	Prediction of Arteriovenous Fistula Clinical Maturation from Postoperative Ultrasound Measurements: Findings from the Hemodialysis Fistula Maturation Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2735-2744.	6.1	103
17	Comparison of hemodialysis arteriovenous fistula blood flow rates measured by Doppler ultrasound and phase-contrast magnetic resonance imaging. <i>Journal of Vascular Surgery</i> , 2018, 68, 1848-1857.e2.	1.1	17
18	Differential gene expression patterns in vein regions susceptible versus resistant to neointimal hyperplasia. <i>Physiological Genomics</i> , 2018, 50, 615-627.	2.3	4

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19	Association of Preexisting Arterial Intimal Hyperplasia with Arteriovenous Fistula Outcomes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 1358-1363.	4.5	8
20	Histopathology of Veins Obtained at Hemodialysis Arteriovenous Fistula Creation Surgery. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3076-3088.	6.1	39
21	Intimal Hyperplasia, Stenosis, and Arteriovenous Fistula Maturation Failure in the Hemodialysis Fistula Maturation Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3005-3013.	6.1	96
22	MicroRNA-92a Mediates Endothelial Dysfunction in CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3251-3261.	6.1	90
23	High resolution hemodynamic profiling of murine arteriovenous fistula using magnetic resonance imaging and computational fluid dynamics. <i>Theoretical Biology and Medical Modelling</i> , 2017, 14, 5.	2.1	19
24	Association between Preoperative Vascular Function and Postoperative Arteriovenous Fistula Development. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3788-3795.	6.1	56
25	Ultrasound Assessment of Flow-Mediated Dilatation of the Brachial and Superficial Femoral Arteries in Rats. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	7
26	Arteriovenous Fistula Development in the First 6 Weeks after Creation. <i>Radiology</i> , 2016, 279, 620-629.	7.3	92
27	Prevention of Venous Neointimal Hyperplasia by a Multitarget Receptor Tyrosine Kinase Inhibitor. <i>Journal of Vascular Research</i> , 2015, 52, 244-256.	1.4	6
28	Characterization of Regional Deformation and Material Properties of the Intact Explanted Vein by microCT and Computational Analysis. <i>Cardiovascular Engineering and Technology</i> , 2014, 5, 359-370.	1.6	2
29	Hemodynamic Shear Stress and Endothelial Dysfunction in Hemodialysis Access. <i>The Open Urology & Nephrology Journal</i> , 2014, 7, 33-44.	0.2	50
30	Role of Endothelial Cells in Myocardial Ischemia-Reperfusion Injury. <i>Vascular Disease Prevention</i> , 2010, 7, 1-14.	0.2	92
31	Cyclic strain affects the orientation of endothelial tubulogenesis in a frequencyâ€dependent manner. <i>FASEB Journal</i> , 2006, 20, A716.	0.5	0
32	The Role of Mechanical Stresses in Angiogenesis. <i>Critical Reviews in Biomedical Engineering</i> , 2005, 33, 431-510.	0.9	90
33	In Vitro Studies of Erythrocyteâ€Vascular Endothelium Interactions. <i>Annals of Biomedical Engineering</i> , 2003, 31, 1299-1313.	2.5	31