

Saami K Yazdani

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

2,879
citations

21
h-index

53
g-index

53
ext. papers

3,218
ext. citations

3.9
avg, IF

4.62
L-index

#	Paper	IF	Citations
43	The Development of an Flow System to Assess Acute Arterial Drug Retention of Cardiovascular Intravascular Devices.. <i>Frontiers in Medical Technology</i> , 2021 , 3, 675188	1.9	1
42	The coated balloon protocol: an emergent clinical technique 2021 , 583-594		
41	Precision delivery of liquid therapy into the arterial wall for the treatment of peripheral arterial disease. <i>Scientific Reports</i> , 2021 , 11, 18676	4.9	0
40	Pre-Clinical Investigation of Liquid Paclitaxel for Local Drug Delivery: A Pilot Study. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	2
39	Pre-Clinical Investigation of Keratose as an Excipient of Drug Coated Balloons. <i>Molecules</i> , 2020 , 25,	4.8	6
38	Delivery of Cell-Specific Aptamers to the Arterial Wall with an Occlusion Perfusion Catheter. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 16, 360-366	10.7	4
37	Influence of Collaterals on True FFR Prediction for a Left Main Stenosis with Concomitant Lesions: An In Vitro Study. <i>Annals of Biomedical Engineering</i> , 2019 , 47, 1409-1421	4.7	5
36	Intraluminal Ultrasonic Palpation Imaging Technique Revisited for Anisotropic Characterization of Healthy and Atherosclerotic Coronary Arteries: A Feasibility Study. <i>Ultrasound in Medicine and Biology</i> , 2019 , 45, 35-49	3.5	2
35	Coating and Pharmacokinetic Evaluation of Air Spray Coated Drug Coated Balloons. <i>Cardiovascular Engineering and Technology</i> , 2018 , 9, 240-250	2.2	13
34	and Assessment of Keratose as a Novel Excipient of Paclitaxel Coated Balloons. <i>Frontiers in Pharmacology</i> , 2018 , 9, 808	5.6	8
33	Coronary atherosclerosis and dilation in hyper IgE syndrome patients: Depiction by magnetic resonance vessel wall imaging and pathological correlation. <i>Atherosclerosis</i> , 2017 , 258, 20-25	3.1	14
32	The use of an occlusion perfusion catheter to deliver paclitaxel to the arterial wall. <i>Cardiovascular Therapeutics</i> , 2017 , 35, e12269	3.3	13
31	HPLC-MS/MS method for quantification of paclitaxel from keratin containing samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 139, 247-251	3.5	8
30	Stent Coating Integrity of Durable and Biodegradable Coated Drug Eluting Stents. <i>Journal of Interventional Cardiology</i> , 2016 , 29, 483-490	1.8	20
29	Acute Thrombogenicity of a Durable Polymer Everolimus-Eluting Stent Relative to Contemporary Drug-Eluting Stents With Biodegradable Polymer Coatings Assessed Ex Vivo in a Swine Shunt Model. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1248-1260	5	78
28	Vascular, downstream, and pharmacokinetic responses to treatment with a low dose drug-coated balloon in a swine femoral artery model. <i>Catheterization and Cardiovascular Interventions</i> , 2014 , 83, 132-40	2.7	63
27	Modelos animales de reparaci3n vascular y reendotelizaci3n. <i>Revista Espanola De Cardiologia Suplementos</i> , 2013 , 13, 20-28	0.2	

26	The intravascular ultrasound elasticity-palpography technique revisited: a reliable tool for the in vivo detection of vulnerable coronary atherosclerotic plaques. <i>Ultrasound in Medicine and Biology</i> , 2013 , 39, 1469-81	3.5	21
25	Metformin impairs vascular endothelial recovery after stent placement in the setting of locally eluted mammalian target of rapamycin inhibitors via S6 kinase-dependent inhibition of cell proliferation. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 971-80	15.1	29
24	Pathology of Saphenous Vein Grafts. <i>Interventional Cardiology Clinics</i> , 2013 , 2, 241-249	1.4	4
23	Preclinical evaluation of second-generation everolimus- and zotarolimus-eluting coronary stents. <i>Journal of Invasive Cardiology</i> , 2013 , 25, 383-90	0.7	25
22	Do animal models of vein graft atherosclerosis predict outcomes in man?. <i>Atherosclerosis</i> , 2012 , 223, 102-5	3.1	1
21	A four-criterion selection procedure for atherosclerotic plaque elasticity reconstruction based on in vivo coronary intravascular ultrasound radial strain sequences. <i>Ultrasound in Medicine and Biology</i> , 2012 , 38, 2084-97	3.5	16
20	Bioengineered vascular access maintains structural integrity in response to arteriovenous flow and repeated needle puncture. <i>Journal of Vascular Surgery</i> , 2012 , 56, 783-93	3.5	65
19	Hemoglobin directs macrophage differentiation and prevents foam cell formation in human atherosclerotic plaques. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 166-77	15.1	221
18	Pathology of drug-eluting versus bare-metal stents in saphenous vein bypass graft lesions. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 666-74	5	41
17	Ex vivo assessment of vascular response to coronary stents by optical frequency domain imaging. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 71-82	8.4	93
16	The importance of the endothelium in atherothrombosis and coronary stenting. <i>Nature Reviews Cardiology</i> , 2012 , 9, 439-53	14.8	258
15	Capture of circulatory endothelial progenitor cells and accelerated re-endothelialization of a bio-engineered stent in human ex vivo shunt and rabbit denudation model. <i>European Heart Journal</i> , 2012 , 33, 120-8	9.5	76
14	The pathology of neoatherosclerosis in human coronary implants bare-metal and drug-eluting stents. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 1314-22	15.1	701
13	Vascular smooth muscle enhances functionality of tissue-engineered blood vessels in vivo. <i>Journal of Vascular Surgery</i> , 2011 , 53, 426-34	3.5	73
12	Vascular response to coronary artery stenting in mature and juvenile swine. <i>Cardiovascular Revascularization Medicine</i> , 2011 , 12, 375-84	1.6	7
11	In vitro and in vivo characterisation of biodegradable polymer-based drug-eluting stent. <i>EuroIntervention</i> , 2011 , 7, 835-43	3.1	16
10	Pathobiology of stent thrombosis after drug-eluting stent implantation. <i>Current Pharmaceutical Design</i> , 2010 , 16, 4064-71	3.3	29
9	Microvascular obstruction: underlying pathophysiology and clinical diagnosis. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1649-60	15.1	191

8	Pathological findings at bifurcation lesions: the impact of flow distribution on atherosclerosis and arterial healing after stent implantation. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1679-87	15.1	188
7	The fate of an endothelium layer after preconditioning. <i>Journal of Vascular Surgery</i> , 2010 , 51, 174-83	3.5	43
6	Pathology and vulnerability of atherosclerotic plaque: identification, treatment options, and individual patient differences for prevention of stroke. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2010 , 12, 297-314	2.1	17
5	The in vivo stability of electrospun polycaprolactone-collagen scaffolds in vascular reconstruction. <i>Biomaterials</i> , 2009 , 30, 583-8	15.6	295
4	Development of an in vitro system to assess stent-induced smooth muscle cell proliferation: a feasibility study. <i>Journal of Vascular and Interventional Radiology</i> , 2009 , 20, 101-6	2.4	22
3	Smooth muscle cell seeding of decellularized scaffolds: the importance of bioreactor preconditioning to development of a more native architecture for tissue-engineered blood vessels. <i>Tissue Engineering - Part A</i> , 2009 , 15, 827-40	3.9	41
2	Engineering of blood vessels from acellular collagen matrices coated with human endothelial cells. <i>Tissue Engineering</i> , 2006 , 12, 2355-65		140
1	DPIV measurements of flow disturbances in stented artery models: adverse affects of compliance mismatch. <i>Journal of Biomechanical Engineering</i> , 2004 , 126, 559-66	2.1	20