

Parham Eshtehardi

List of Publications by Year in descending order

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79
papers

3,428
citations

201674

27
h-index

144013

57
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93
all docs

93
docs citations

93
times ranked

4473
citing authors

#	ARTICLE	IF	CITATIONS
1	Coronary Artery Wall Shear Stress Is Associated With Progression and Transformation of Atherosclerotic Plaque and Arterial Remodeling in Patients With Coronary Artery Disease. <i>Circulation</i> , 2011, 124, 779-788.	1.6	579
2	Correlation of Intravascular Ultrasound Findings With Histopathological Analysis of Thrombus Aspirates in Patients With Very Late Drug-Eluting Stent Thrombosis. <i>Circulation</i> , 2009, 120, 391-399.	1.6	441
3	Myocardial Bridging. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2346-2355.	2.8	234
4	Coronary angiographic scoring systems: An evaluation of their equivalence and validity. <i>American Heart Journal</i> , 2012, 164, 547-552.e1.	2.7	180
5	Patent foramen ovale and neurosurgery in sitting position: a systematic review. <i>British Journal of Anaesthesia</i> , 2009, 102, 588-596.	3.4	124
6	Transient apical ballooning syndrome "clinical characteristics, ballooning pattern, and long-term follow-up in a Swiss population. <i>International Journal of Cardiology</i> , 2009, 135, 370-375.	1.7	120
7	Association of Coronary Wall Shear Stress With Atherosclerotic Plaque Burden, Composition, and Distribution in Patients With Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2012, 1, e002543.	3.7	109
8	Contemporary Clinical Applications of Coronary Intravascular Ultrasound. <i>JACC: Cardiovascular Interventions</i> , 2011, 4, 1155-1167.	2.9	107
9	Combination of plaque burden, wall shear stress, and plaque phenotype has incremental value for prediction of coronary atherosclerotic plaque progression and vulnerability. <i>Atherosclerosis</i> , 2014, 232, 271-276.	0.8	105
10	Impact of incomplete stent apposition on long-term clinical outcome after drug-eluting stent implantation. <i>European Heart Journal</i> , 2012, 33, 1334-1343.	2.2	100
11	COVID-19 Vaccination "Associated Myocarditis in Adolescents. <i>Pediatrics</i> , 2021, 148, .	2.1	98
12	High wall shear stress and high-risk plaque: an emerging concept. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1089-1099.	1.5	96
13	Iatrogenic left main coronary artery dissection: Incidence, classification, management, and long-term follow-up. <i>American Heart Journal</i> , 2010, 159, 1147-1153.	2.7	77
14	Transcatheter Patent Foramen Ovale Closure After Cryptogenic Stroke. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2228-2230.	2.9	68
15	State of the Art: Imaging for Myocardial Viability: A Scientific Statement From the American Heart Association. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e000053.	2.6	64
16	Oscillatory wall shear stress is a dominant flow characteristic affecting lesion progression patterns and plaque vulnerability in patients with coronary artery disease. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20160972.	3.4	61
17	Low Coronary Wall Shear Stress Is Associated With Severe Endothelial Dysfunction in Patients With Nonobstructive Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2072-2080.	2.9	52
18	Focal Association Between Wall Shear Stress and Clinical Coronary Artery Disease Progression. <i>Annals of Biomedical Engineering</i> , 2015, 43, 94-106.	2.5	44

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19	Effect of intensive atorvastatin therapy on coronary atherosclerosis progression, composition, arterial remodeling, and microvascular function. <i>Journal of Invasive Cardiology</i> , 2012, 24, 522-9.	0.4	43
20	Coronary microvascular dysfunction is associated with higher frequency of thin-cap fibroatheroma. <i>Atherosclerosis</i> , 2012, 223, 384-388.	0.8	42
21	Plasma soluble urokinase-type plasminogen activator receptor level is independently associated with coronary microvascular function in patients with non-obstructive coronary artery disease. <i>Atherosclerosis</i> , 2015, 239, 55-60.	0.8	41
22	Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	38
23	Dual low response to acetylsalicylic acid and clopidogrel is associated with myonecrosis and stent thrombosis after coronary stent implantation. <i>American Heart Journal</i> , 2010, 159, 891-898.e1.	2.7	36
24	Discordance Between Fractional Flow Reserve and Coronary Flow Reserve. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 999-1007.	2.9	35
25	The role of plasma aminothiols in the prediction of coronary microvascular dysfunction and plaque vulnerability. <i>Atherosclerosis</i> , 2011, 219, 266-272.	0.8	34
26	Giant Coronary Artery Aneurysm. <i>Circulation: Cardiovascular Interventions</i> , 2008, 1, 85-86.	3.9	30
27	Cardiac Shock Wave Therapy for Chronic Refractory Angina Pectoris. A Prospective Placeboâ€Controlled Randomized Trial. <i>Cardiovascular Therapeutics</i> , 2013, 31, e1-6.	2.5	30
28	Localization of culprit lesions in coronary arteries of patients with ST-segment elevation myocardial infarctions: Relation to bifurcations and curvatures. <i>American Heart Journal</i> , 2011, 161, 508-515.	2.7	25
29	The influence of multidirectional shear stress on plaque progression and composition changes in human coronary arteries. <i>EuroIntervention</i> , 2019, 15, 692-699.	3.2	24
30	Thrombocytopenia as a Prognostic Indicator in Heart Failure with Reduced Ejection Fraction. <i>Heart Lung and Circulation</i> , 2016, 25, 568-575.	0.4	23
31	Comprehensive Assessment of Coronary Plaque Progression With Advanced Intravascular Imaging, Physiological Measures, and Wall Shear Stress: A Pilot Doubleâ€Blinded Randomized Controlled Clinical Trial of Nebivolol Versus Atenolol in Nonobstructive Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	23
32	Framework to Co-register Longitudinal Virtual Histology-Intravascular Ultrasound Data in the Circumferential Direction. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1989-1996.	8.9	20
33	Intravascular Imaging Tools in the Cardiac Catheterization Laboratory: Comprehensive Assessment of Anatomy and Physiology. <i>Journal of Cardiovascular Translational Research</i> , 2011, 4, 393-403.	2.4	19
34	Elevated Levels of Serum Fibrin and Fibrinogen Degradation Products Are Independent Predictors of Larger Coronary Plaques and Greater Plaque Necrotic Core. <i>Circulation Journal</i> , 2016, 80, 931-937.	1.6	17
35	Protective or destructive: High wall shear stress and atherosclerosis. <i>Atherosclerosis</i> , 2016, 251, 501-503.	0.8	17
36	Thrombocytopenia is an independent predictor of mortality in pulmonary hypertension. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2014, 43, 569-573.	1.6	16

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37	Paradoxical emboli through the patent foramen ovale as the suspected cause of myocardial and renal infarction in a 48-year-old woman. <i>Catheterization and Cardiovascular Interventions</i> , 2007, 70, 1010-1012.	1.7	15
38	A randomised determination of the Effect of Fluvastatin and Atorvastatin on top of dual antiplatelet treatment on platelet aggregation after implantation of coronary drug-eluting stents. <i>Thrombosis and Haemostasis</i> , 2010, 104, 554-562.	3.4	15
39	Percutaneous coronary intervention or coronary artery bypass grafting for unprotected left main coronary artery disease. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 541-552.	1.7	14
40	Coronary aneurysm formation in a patient early after everolimus-eluting stent implantation. <i>Journal of Invasive Cardiology</i> , 2008, 20, E174-5.	0.4	14
41	Hyperbaric oxygen therapy for arterial gas embolism. <i>British Journal of Anaesthesia</i> , 2009, 103, 306-307.	3.4	13
42	Functional coronary angiography in symptomatic patients with no obstructive coronary artery disease. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 827-835.	1.7	13
43	Coronary Microvascular Dysfunction Is Associated With Significant Plaque Burden and Diffuse Epicardial Atherosclerotic Disease. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1519-1520.	2.9	12
44	Quantitative myocardial contrast echocardiography: a new method for the non-invasive detection of chronic heart transplant rejection. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 1187-1194.	1.2	11
45	Transcranial Doppler: Does Addition of Blood to Agitated Saline Affect Sensitivity for Detecting Cardiac Right-to-Left Shunt?. <i>Echocardiography</i> , 2016, 33, 1219-1227.	0.9	11
46	Comparison of angiographic and IVUS derived coronary geometric reconstructions for evaluation of the association of hemodynamics with coronary artery disease progression. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1327-1336.	1.5	11
47	Percutaneous closure of a postinfarction ventricular septal defect and an iatrogenic left ventricular free-wall perforation using two Amplatzer muscular VSD occluders. <i>Catheterization and Cardiovascular Interventions</i> , 2009, 74, 243-246.	1.7	10
48	Statin therapy improves survival in patients with severe pulmonary hypertension: a propensity score matching study. <i>Heart and Vessels</i> , 2017, 32, 969-976.	1.2	10
49	Coronary collateral function in the transplanted heart: propensity score matching with coronary artery disease. <i>Heart</i> , 2011, 97, 557-563.	2.9	8
50	Novel biomarkers of coronary microvascular disease. <i>Future Cardiology</i> , 2016, 12, 497-509.	1.2	8
51	Impact of arterial injury on neointimal hyperplasia after implantation of drug-eluting stents in coronary arteries: an intravascular ultrasound study. <i>EuroIntervention</i> , 2010, 6, 467-474.	3.2	8
52	Simultaneous subacute coronary drug-eluting stent thrombosis in two different vessels of a patient with factor V Leiden mutation. <i>Journal of Cardiovascular Medicine</i> , 2008, 9, 410-413.	1.5	7
53	Drug-Eluting Balloons Versus Everolimus-Eluting Stents for In-Stent Restenosis: A Meta-Analysis of Randomized Trials. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 612-618.	0.8	7
54	Coronary thrombosis and myocardial infarction as the initial manifestation of protein C deficiency in a 20-year-old man. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2011, 40, e112-e114.	1.6	6

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55	Addition of Angiotensin-Converting Enzyme Inhibitors to Beta-Blockers Has a Distinct Effect on Hispanics Compared With African Americans and Whites With Heart Failure and Reduced Ejection Fraction: A Propensity Scoreâ€“Matching Study. <i>Journal of Cardiac Failure</i> , 2015, 21, 448-456.	1.7	6
56	Quantification of the focal progression of coronary atherosclerosis through automated co-registration of virtual histology-intravascular ultrasound imaging data. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 13-24.	1.5	5
57	Intravascular imaging findings in severe coronary vasospasm. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 578-580.	1.5	3
58	Microvascular Assessment of Ranolazine in Non-Obstructive Atherosclerosis. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008204.	3.9	3
59	Geometric and Hemodynamic Evaluation of 3-Dimensional Reconstruction Techniques for the Assessment of Coronary Artery Wall Shear Stress in the Setting of Clinical Disease Progression. , 2011, , .		3
60	Intravascular Ultrasound for Assessment of Coronary Drug-Eluting Stent Deployment. <i>JACC: Cardiovascular Interventions</i> , 2010, 3, 364.	2.9	2
61	SPECT perfusion imaging and myocardial bridges: Bridging the gap of diagnostic uncertainty. <i>Journal of Nuclear Cardiology</i> , 2011, 18, 1000-1002.	2.1	2
62	Platypnea-Orthodeoxia Syndrome: From Gastroesophageal Reflux to Hypoxemia. <i>American Journal of Medicine</i> , 2016, 129, e15-e16.	1.5	2
63	Roles and Impact of Journalâ€™s Social Media Editors. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e007443.	2.2	2
64	Complete fracture and migration of a coronary sirolimus-eluting stent. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 271-273.	1.5	1
65	Development of Framework to Examine the Focal Association Between Wall Shear Stress and Coronary Artery Disease Progression in the Clinical Setting. , 2013, , .		1
66	Fractional flow reserve for the assessment of complex multivessel disease in a patient after hybrid coronary revascularization. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 81, 1169-1173.	1.7	1
67	The benefits of advanced risk reclassification. <i>Journal of Nuclear Cardiology</i> , 2016, 23, 384-386.	2.1	1
68	Imaging Atherosclerosis for Global Predictive Health and Wellness. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 577-579.	5.3	1
69	New-Onset Uncontrolled Hypertension and Renal Failure in a Young Woman. <i>JACC: Case Reports</i> , 2020, 2, 64-68.	0.6	1
70	Women leaders: transforming the culture in cardiology. <i>Open Heart</i> , 2022, 9, e001967.	2.3	1
71	Greater Response to Angiotensin-Converting Enzyme Inhibitors in Hispanics as Compared to African-Americans and Whites with Heart Failure and Reduced Left Ventricular Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2013, 19, S37.	1.7	0
72	Resting Coronary Haemodynamics are Stable and Reproducible When Retested After 6 Months in Patients with Non-obstructive Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2013, 111, 101B.	1.6	0

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73	The Promise of Vascular Restoration Is Still Alive. Journal of the American College of Cardiology, 2017, 70, 75-77.	2.8	0
74	Plaque Progression in a Human Coronary Artery is Associated With Low Wall Shear Stress and Extended Particle Residence Time. , 2010, , .		0
75	Intimal Thickening Sourced From Low Wall Shear Stress in Human Left Coronary Artery Was Observed by Optical Coherence Tomography. , 2011, , .		0
76	Correlation of Longitudinal Intravascular Ultrasound Data for the Clinical Assessment of Coronary Artery Disease Progression. , 2012, , .		0
77	CFD and VH-IVUS Biomechanical Analysis of Coronary Artery Disease With One Year Follow-Up. , 2013, , .		0
78	An Uncoupled Multi-Scale CFD Approach to Cell Motion in the Human Left Coronary Artery: Relation to Plaque Progression. , 2013, , .		0
79	Abstract 263: Evaluation of Survival Benefit of Statins in Patients with Pulmonary Hypertension and Chronic Obstructive Pulmonary Disease: A Propensity Score Matching Study. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	2.4	0