

Amir Lerman

List of Publications by Year in descending order

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Version: 2024-02-01

389
papers

29,267
citations

9786

73
h-index

6131

159
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397
all docs

397
docs citations

397
times ranked

27582
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Obesity Attenuates Cardioprotection Conferred by Adipose Tissueâ€Derived Mesenchymal Stem/Stromal Cells. Journal of Cardiovascular Translational Research, 2023, 16, 221-232.	2.4	3
2	Circulating progenitor cells are associated with plaque progression and long-term outcomes in heart transplant patients. Cardiovascular Research, 2022, 118, 1703-1712.	3.8	4
3	Finite element analysis in clinical patients with atherosclerosis. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 125, 104927.	3.1	3
4	Carotid Plaques From Symptomatic Patients With Mild Stenosis Is Associated With Intraplaque Hemorrhage. Hypertension, 2022, 79, 271-282.	2.7	10
5	Muscle fat index is associated with frailty and length of hospital stay following transcatheter aortic valve replacement in high-risk patients. International Journal of Cardiology, 2022, 348, 33-38.	1.7	4
6	Evaluation of Pericardial Tissues from Assorted Species as a Tissue-Engineered Heart Valve Material. Medical and Biological Engineering and Computing, 2022, 60, 393-406.	2.8	2
7	Autologous CD34+ Stem Cell Therapy Increases Coronary Flow Reserve and Reduces Angina in Patients With Coronary Microvascular Dysfunction. Circulation: Cardiovascular Interventions, 2022, 15, CIRCINTERVENTIONS121010802.	3.9	16
8	Internet-based platform for a low-calorie dietary intervention involving prepackaged food for weight loss in overweight and obese individuals in China: protocol for a randomised controlled trial. BMJ Open, 2022, 12, e048106.	1.9	1
9	Impact of invasive aortic pulse pressure on coronary microvascular endothelial-independent dysfunction and on mortality in non-obstructive coronary artery disease. Open Heart, 2022, 9, e001925.	2.3	2
10	IMPROvE-CED Trial: Intracoronary Autologous CD34+ Cell Therapy for Treatment of Coronary Endothelial Dysfunction in Patients With Angina and Nonobstructive Coronary Arteries. Circulation Research, 2022, 130, 326-338.	4.5	17
11	With a Little Help From My Friends: the Role of the Renal Collateral Circulation in Atherosclerotic Renovascular Disease. Hypertension, 2022, 79, 717-725.	2.7	2
12	Reassessing the Carotid Artery Plaque â€œRim Signâ€on CTA: A New Analysis with Histopathologic Confirmation. American Journal of Neuroradiology, 2022, 43, 429-434.	2.4	5
13	Carotid artery endarterectomy in patients with symptomatic non-stenotic carotid artery disease. Stroke and Vascular Neurology, 2022, 7, 251-257.	3.3	6
14	Selective kidney targeting increases the efficacy of mesenchymal stromal/stem cells for alleviation of murine stenoticâ€kidney senescence and damage. Journal of Tissue Engineering and Regenerative Medicine, 2022, 16, 550-558.	2.7	5
15	Noninvasive Voice Biomarker Is Associated With Incident Coronary Artery Disease Events at Follow-up. Mayo Clinic Proceedings, 2022, 97, 835-846.	3.0	10
16	Management and Outcomes of Acute Myocardial Infarction-Cardiogenic Shock in Uninsured Compared With Privately Insured Individuals. Circulation: Heart Failure, 2022, 15, CIRCHEARTFAILURE121008991.	3.9	4
17	Extracellular Vesicles as Theranostic Tools in Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2022, 17, 1418-1429.	4.5	11
18	Continuous Positive Airway Pressure Adherence and Treatment Cost in Patients With Obstructive Sleep Apnea and Cardiovascular Disease. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2022, 6, 166-175.	2.4	14

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19	Plasma Ceramide Levels Are Elevated in Patients With Early Coronary Atherosclerosis and Endothelial Dysfunction. <i>Journal of the American Heart Association</i> , 2022, 11, e022852.	3.7	15
20	Patient Onboarding and Engagement to Build a Digital Study After Enrollment in a Clinical Trial (TAILOR-PCI Digital Study): Intervention Study. <i>JMIR Formative Research</i> , 2022, 6, e34080.	1.4	2
21	Microvascular remodeling and altered angiogenic signaling in human kidneys distal to occlusive atherosclerotic renal artery stenosis. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 1844-1856.	0.7	5
22	Imaging Assessment of Endothelial Function: An Index of Cardiovascular Health. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 778762.	2.4	9
23	Mental Stress and Its Effects on Vascular Health. <i>Mayo Clinic Proceedings</i> , 2022, 97, 951-990.	3.0	37
24	Uric Acid Expression in Carotid Atherosclerotic Plaque and Serum Uric Acid Are Associated With Cerebrovascular Events. <i>Hypertension</i> , 2022, 79, 1814-1823.	2.7	19
25	Assessment and pathophysiology of microvascular disease: recent progress and clinical implications. <i>European Heart Journal</i> , 2021, 42, 2590-2604.	2.2	74
26	Coronary microvascular dysfunction is associated with exertional haemodynamic abnormalities in patients with heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2021, 23, 765-772.	7.1	48
27	Contrast fractional flow reserve vs adenosine fractional flow reserve: The impact of discordant results. <i>International Journal of Cardiology</i> , 2021, 328, 59-60.	1.7	0
28	Clinical decision-making: Challenging traditional assumptions. <i>International Journal of Cardiology</i> , 2021, 326, 6-11.	1.7	3
29	Rationale and design of a multicenter, randomized, patients-blinded two-stage clinical trial on effects of endothelial function test in patients with non-obstructive coronary artery disease (ENDOFIND). <i>International Journal of Cardiology</i> , 2021, 325, 16-22.	1.7	8
30	Early Feasibility of Automated Artificial Intelligence Angiography Based Fractional Flow Reserve Estimation. <i>American Journal of Cardiology</i> , 2021, 139, 8-14.	1.6	13
31	Sex-specific differences in coronary blood flow and flow velocity reserve in symptomatic patients with non-obstructive disease. <i>EuroIntervention</i> , 2021, 16, 1079-1084.	3.2	7
32	Impact of Sirolimus as a Primary Immunosuppressant on Myocardial Fibrosis and Diastolic Function Following Heart Transplantation. <i>Journal of the American Heart Association</i> , 2021, 10, e018186.	3.7	11
33	Analyzing Spinal Cord Stimulator Explants in Refractory Angina Pectoris Patients. <i>Pain Medicine</i> , 2021, 22, 1699-1701.	1.9	0
34	Age-Stratified Sex-Related Differences in the Incidence, Management, and Outcomes of Acute Myocardial Infarction. <i>Mayo Clinic Proceedings</i> , 2021, 96, 332-341.	3.0	34
35	The Use of the Seattle Angina Questionnaire in Patients Who Underwent Spinal Cord Stimulation for Refractory Angina Pectoris. <i>Pain Medicine</i> , 2021, 22, 1005-1009.	1.9	0
36	Ten-year trends, predictors and outcomes of mechanical circulatory support in percutaneous coronary intervention for acute myocardial infarction with cardiogenic shock. <i>EuroIntervention</i> , 2021, 16, e1254-e1261.	3.2	48

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37	Vascular Aging Detected by Peripheral Endothelial Dysfunction Is Associated With ECG-Derived Physiological Aging. <i>Journal of the American Heart Association</i> , 2021, 10, e018656.	3.7	25
38	Quercetin Reverses Cardiac Systolic Dysfunction in Mice Fed with a High-Fat Diet: Role of Angiogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-11.	4.0	27
39	Semiautomated carotid artery plaque composition: are intraplaque CT imaging features associated with cardiovascular risk factors?. <i>Neuroradiology</i> , 2021, 63, 1617-1626.	2.2	5
40	Compositional change of gut microbiome and osteocalcin expressing endothelial progenitor cells in patients with coronary artery disease. <i>PLoS ONE</i> , 2021, 16, e0249187.	2.5	12
41	Fibrinolysis vs. primary percutaneous coronary intervention for ST-segment elevation myocardial infarction cardiogenic shock. <i>ESC Heart Failure</i> , 2021, 8, 2025-2035.	3.1	7
42	Pre-Operative Assessment of Patients Undergoing Spinal Cord Stimulation for Refractory Angina Pectoris. <i>Pain Medicine</i> , 2021, 22, 2763-2767.	1.9	1
43	Effect of CYP2C19 Genotype on Ischemic Outcomes During Oral P2Y12 Inhibitor Therapy. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 739-750.	2.9	90
44	Evaluation of the role of peripheral artery plaque geometry and composition on stent performance. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 116, 104346.	3.1	5
45	Predictive value of vascular response to cuff inflation-induced pain in the control arm for adverse cardiovascular events. <i>IJC Heart and Vasculature</i> , 2021, 33, 100728.	1.1	0
46	The Micro-RNA Cargo of Extracellular Vesicles Released by Human Adipose Tissue-Derived Mesenchymal Stem Cells Is Modified by Obesity. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 660851.	3.7	21
47	Noninvasive Vocal Biomarker is Associated With Severe Acute Respiratory Syndrome Coronavirus 2 Infection. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2021, 5, 654-662.	2.4	15
48	Ten-year clinical outcomes in patients with intermediate coronary stenosis according to the combined culprit lesion. <i>Clinical Cardiology</i> , 2021, 44, 1161-1168.	1.8	6
49	Correlation of Intravascular Ultrasound and Instantaneous Wave-Free Ratio in Patients With Intermediate Left Main Coronary Artery Disease. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e009830.	3.9	4
50	Atrial Fibrillation and Endothelial Dysfunction. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1609-1621.	3.0	29
51	Risk Stratification of Patients With NonObstructive Coronary Artery Disease Using Resistive Reserve Ratio. <i>Journal of the American Heart Association</i> , 2021, 10, e020464.	3.7	19
52	Progressive Cellular Senescence Mediates Renal Dysfunction in Ischemic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1987-2004.	6.1	42
53	Effectiveness of a Weight Loss Program Using Digital Health in Adolescents and Preadolescents. <i>Childhood Obesity</i> , 2021, 17, 311-321.	1.5	11
54	Influence of primary payer status on non-ST-segment elevation myocardial infarction: 18-year retrospective cohort national temporal trends, management and outcomes. <i>Annals of Translational Medicine</i> , 2021, 9, 1075-1075.	1.7	1

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55	Coronary Microvascular Dysfunction and the Risk of Atrial Fibrillation From an Artificial Intelligence-Enabled Electrocardiogram. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009947.	4.8	4
56	The endothelium is a key player in the vascular response to acute mental stress. <i>European Heart Journal</i> , 2021, 42, 4089-4091.	2.2	10
57	Stem Cells to the Rescue: Development and Application of Cell-Based Therapy for Microvascular Repair. <i>Cells</i> , 2021, 10, 2144.	4.1	0
58	Viral Endothelial Dysfunction: A Unifying Mechanism for COVID-19. <i>Mayo Clinic Proceedings</i> , 2021, 96, 3099-3108.	3.0	24
59	Carotid Plaques From Symptomatic Patients Are Characterized by Local Increase in Xanthine Oxidase Expression. <i>Stroke</i> , 2021, 52, 2792-2801.	2.0	17
60	Fibrous heart valve leaflet substrate with native-mimicked morphology. <i>Applied Materials Today</i> , 2021, 24, 101112.	4.3	9
61	Anxiety Disorders Are Associated With Coronary Endothelial Dysfunction in Women With Chest Pain and Nonobstructive Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2021, 10, e021722.	3.7	15
62	Peripheral microvascular dysfunction is associated with plaque progression and adverse long-term outcomes in heart transplant patients. <i>ESC Heart Failure</i> , 2021, 8, 5266-5274.	3.1	5
63	Prognostic impact and clinical outcomes of coronary flow reserve and hyperaemic microvascular resistance. <i>EuroIntervention</i> , 2021, 17, 569-575.	3.2	12
64	Endovascular reversal of renovascular hypertension blunts cardiac dysfunction and deformation in swine. <i>Journal of Hypertension</i> , 2021, 39, 556-562.	0.5	2
65	Impact of Peripheral Microvascular Endothelial Dysfunction on White Matter Hyperintensity. <i>Journal of the American Heart Association</i> , 2021, 10, e021066.	3.7	5
66	Remote robotic percutaneous coronary intervention: An animal feasibility study. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E274-E279.	1.7	4
67	Coronary Endothelial and Microvascular Function Testing. , 2021, , 207-212.		0
68	Leaflet Tissue Generation from Microfibrous Heart Valve Leaflet Scaffolds with Native Characteristics. <i>ACS Applied Bio Materials</i> , 2021, 4, 7836-7847.	4.6	6
69	Respiration-related variations in Pd/Pa ratio and fractional flow reserve in resting conditions and during intravenous adenosine administration. <i>Catheterization and Cardiovascular Interventions</i> , 2021, , .	1.7	2
70	Patient specific characterization of artery and plaque material properties in peripheral artery disease. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 101, 103453.	3.1	23
71	Transcatheter aortic valve replacement outcomes in mixed aortic valve disease compared to predominant aortic stenosis. <i>International Journal of Cardiology</i> , 2020, 299, 209-214.	1.7	16
72	Ten-year clinical outcomes of an intermediate coronary lesion; prognosis and predictors of major adverse cardiovascular events. <i>International Journal of Cardiology</i> , 2020, 299, 26-30.	1.7	6

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73	Assessment of peripheral endothelial function predicts future risk of solid-tumor cancer. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 608-618.	1.8	44
74	Intravascular ultrasound, optical coherence tomography, and fractional flow reserve use in acute myocardial infarction. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, E59-E66.	1.7	34
75	Acute Myocardial Infarction in Young Individuals. <i>Mayo Clinic Proceedings</i> , 2020, 95, 136-156.	3.0	161
76	Routine Continuous Electrocardiographic Monitoring Following Percutaneous Coronary Interventions. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008290.	3.9	5
77	Mechanical and finite element evaluation of a bioprinted scaffold following recellularization in a rat subcutaneous model. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 102, 103519.	3.1	13
78	Non-infarct related artery microvascular obstruction is associated with worse persistent diastolic dysfunction in patients with revascularized ST elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2020, 300, 27-33.	1.7	7
79	Incidence, Trends, and Outcomes of Type 2 Myocardial Infarction in a Community Cohort. <i>Circulation</i> , 2020, 141, 454-463.	1.6	77
80	Trilayered tissue structure with leaflet-like orientations developed through <i>in vivo</i> tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 015004.	3.3	18
81	Endothelium-dependent and independent coronary microvascular dysfunction in patients with heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2020, 22, 432-441.	7.1	92
82	Coronary Microvascular Endothelial Dysfunction in Patients With Angina and Nonobstructive Coronary Artery Disease Is Associated With Elevated Serum Homocysteine Levels. <i>Journal of the American Heart Association</i> , 2020, 9, e017746.	3.7	25
83	Secondary Raynaud's phenomenon is associated with microvascular peripheral endothelial dysfunction. <i>Microvascular Research</i> , 2020, 132, 104040.	2.5	7
84	Trilayered tissue construct mimicking the orientations of three layers of a native heart valve leaflet. <i>Cell and Tissue Research</i> , 2020, 382, 321-335.	2.9	6
85	Abnormal Endothelial Gene Expression Associated With Early Coronary Atherosclerosis. <i>Journal of the American Heart Association</i> , 2020, 9, e016134.	3.7	21
86	Rate-Dependent and Relaxation Properties of Porcine Aortic Heart Valve Biomaterials. <i>IEEE Open Journal of Engineering in Medicine and Biology</i> , 2020, 1, 197-202.	2.3	5
87	The Impact of Coronary Physiology on Contemporary Clinical Decision Making. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1617-1638.	2.9	60
88	Peripheral endothelial dysfunction is a novel risk factor for systolic dysfunction and heart failure progression. <i>IJC Heart and Vasculature</i> , 2020, 30, 100584.	1.1	4
89	Sex and Gender Disparities in the Management and Outcomes of Acute Myocardial Infarction-Cardiogenic Shock in Older Adults. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1916-1927.	3.0	36
90	Effect of Genotype-Guided Oral P2Y12 Inhibitor Selection vs Conventional Clopidogrel Therapy on Ischemic Outcomes After Percutaneous Coronary Intervention. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 761.	7.4	257

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91	Ex vivo evaluation of IVUS-VH imaging and the role of plaque structure on peripheral artery disease. <i>Medicine in Novel Technology and Devices</i> , 2020, 8, 100042.	1.6	2
92	It Comes As a Shock. <i>Hypertension</i> , 2020, 76, 1696-1703.	2.7	7
93	Accumulation of Pericardial Fat Is Associated With Alterations in Heart Rate Variability Patterns in Hypercholesterolemic Pigs. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007614.	4.8	9
94	Coronary perivascular epicardial adipose tissue and major adverse cardiovascular events after ST segment-elevation myocardial infarction. <i>Atherosclerosis</i> , 2020, 302, 27-35.	0.8	7
95	Vulnerable plaques and patients: state-of-the-art. <i>European Heart Journal</i> , 2020, 41, 2997-3004.	2.2	98
96	Peristenotic Collateral Circulation in Atherosclerotic Renovascular Disease. <i>Hypertension</i> , 2020, 76, 497-505.	2.7	2
97	Peripheral Endothelial Function as a Marker of Systemic Vasodilation in End-stage Liver Disease: Results of a Pilot Study. <i>Transplantation Direct</i> , 2020, 6, e546.	1.6	0
98	Artificial Intelligence in Cardiology: Present and Future. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1015-1039.	3.0	127
99	A digital health weight-loss intervention in severe obesity. <i>Digital Health</i> , 2020, 6, 205520762091027.	1.8	10
100	<i>In vivo</i> tissue engineering of a trilayered leaflet-shaped tissue construct. <i>Regenerative Medicine</i> , 2020, 15, 1177-1192.	1.7	12
101	Promise of autologous CD34+ stem/progenitor cell therapy for treatment of cardiovascular disease. <i>Cardiovascular Research</i> , 2020, 116, 1424-1433.	3.8	34
102	Endothelin-1 in coronary microvascular dysfunction: a potential new therapeutic target once again. <i>European Heart Journal</i> , 2020, 41, 3252-3254.	2.2	12
103	The effect of polyphenol-rich chardonnay seed supplements on peripheral endothelial function. <i>European Journal of Nutrition</i> , 2020, 59, 3723-3734.	3.9	8
104	Trends in Characteristics and Outcomes of Hospital Inpatients Undergoing Coronary Revascularization in the United States, 2003-2016. <i>JAMA Network Open</i> , 2020, 3, e1921326.	5.9	136
105	Endothelial Vascular Function as a Surrogate of Vascular Risk and Aging in Women. <i>Mayo Clinic Proceedings</i> , 2020, 95, 541-553.	3.0	17
106	Coronary artery disease is associated with an altered gut microbiome composition. <i>PLoS ONE</i> , 2020, 15, e0227147.	2.5	70
107	Elevated plasma homocysteine levels are associated with impaired peripheral microvascular vasomotor response. <i>IJC Heart and Vasculature</i> , 2020, 28, 100515.	1.1	10
108	Incremental Prognostic Impact of Peripheral Microvascular Endothelial Dysfunction on the Development of Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2020, 9, e015703.	3.7	18

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109	Vocal Biomarker Is Associated With Hospitalization and Mortality Among Heart Failure Patients. Journal of the American Heart Association, 2020, 9, e013359.	3.7	35
110	A Digital Health Weight Loss Program in 250,000 Individuals. Journal of Obesity, 2020, 2020, 1-8.	2.7	12
111	Coronary Endothelial Dysfunction Is Associated With Increased Risk of Incident Atrial Fibrillation. Journal of the American Heart Association, 2020, 9, e014850.	3.7	32
112	Non-invasive vocal biomarker is associated with pulmonary hypertension. PLoS ONE, 2020, 15, e0231441.	2.5	26
113	Low-Energy Shockwave Treatment Promotes Endothelial Progenitor Cell Homing to the Stenotic Pig Kidney. Cell Transplantation, 2020, 29, 096368972091734.	2.5	9
114	Non-invasive assessment of endothelial function in patients with spontaneous coronary artery dissection: A case-control study. International Journal of Cardiology, 2020, 316, 40-42.	1.7	17
115	Safety of Revascularization Deferral of Left Main Stenosis Based on Instantaneous Wave-Free Ratio Evaluation. JACC: Cardiovascular Interventions, 2020, 13, 1655-1664.	2.9	30
116	Dose-Response Effect of a Digital Health Intervention During Cardiac Rehabilitation: Subanalysis of Randomized Controlled Trial. Journal of Medical Internet Research, 2020, 22, e13055.	4.3	7
117	Google Trends Insights Into Reduced Acute Coronary Syndrome Admissions During the COVID-19 Pandemic: Infodemiology Study. JMIR Cardio, 2020, 4, e20426.	1.7	16
118	Prevalence of myocardial bridging associated with coronary endothelial dysfunction in patients with chest pain and non-obstructive coronary artery disease. EuroIntervention, 2020, 15, 1262-1268.	3.2	34
119	Association of coronary microvascular endothelial dysfunction with vulnerable plaque characteristics in early coronary atherosclerosis. EuroIntervention, 2020, 16, 387-394.	3.2	25
120	Non-invasive vocal biomarker is associated with pulmonary hypertension. , 2020, 15, e0231441.		0
121	Non-invasive vocal biomarker is associated with pulmonary hypertension. , 2020, 15, e0231441.		0
122	Non-invasive vocal biomarker is associated with pulmonary hypertension. , 2020, 15, e0231441.		0
123	Non-invasive vocal biomarker is associated with pulmonary hypertension. , 2020, 15, e0231441.		0
124	Non-invasive vocal biomarker is associated with pulmonary hypertension. , 2020, 15, e0231441.		0
125	Non-invasive vocal biomarker is associated with pulmonary hypertension. , 2020, 15, e0231441.		0
126	<p>Metabolic syndrome is associated with peripheral endothelial dysfunction amongst men</p>. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 1035-1045.	2.4	13

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127	Safety and Risk of Major Complications With Diagnostic Cardiac Catheterization. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007791.	3.9	44
128	Endothelial Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1272-1274.	2.4	23
129	Leveraging Machine Learning Techniques to Forecast Patient Prognosis After Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1304-1311.	2.9	59
130	In vivo remodeling of a 3D-Bioprinted tissue engineered heart valve scaffold. <i>Bioprinting</i> , 2019, 16, e00059.	5.8	36
131	Elevated serum uric acid is associated with peripheral endothelial dysfunction in women. <i>Atherosclerosis</i> , 2019, 290, 37-43.	0.8	21
132	Phentermine and Coronary Vasospasmâ€“Induced Myocardial Infarction. <i>Mayo Clinic Proceedings</i> , 2019, 94, 1374-1377.	3.0	7
133	Repeat Coronary Bypass Surgery or Percutaneous Coronary Intervention After Previous Surgical Revascularization. <i>Mayo Clinic Proceedings</i> , 2019, 94, 1743-1752.	3.0	11
134	Inflammasome-Driven Interleukin-1 β and Interleukin-1 γ Production in Atherosclerotic Plaques Relates to Hyperlipidemia and Plaque Complexity. <i>JACC Basic To Translational Science</i> , 2019, 4, 304-317.	4.1	22
135	Cardiogenic Shock in Takotsuboâ€“Cardiomyopathy Versusâ€“Acuteâ€“Myocardial Infarction. <i>JACC: Heart Failure</i> , 2019, 7, 469-476.	4.1	72
136	Valve in valve TAVI for degenerated Mitroflow is safe and feasible. <i>International Journal of Cardiology</i> , 2019, 287, 62-63.	1.7	0
137	Clopidogrel Pharmacogenetics. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007811.	3.9	139
138	In Silico Performance of a Recellularized Tissue-Engineered Transcatheter Aortic Valve. <i>Journal of Biomechanical Engineering</i> , 2019, 141, 061004-061004-12.	1.3	10
139	Coronary microvascular dysfunction is associated with poor glycemic control amongst female diabetics with chest pain and non-obstructive coronary artery disease. <i>Cardiovascular Diabetology</i> , 2019, 18, 22.	6.8	41
140	Contemporary Diagnosis and Management of Patients With Myocardial Infarction in the Absence of Obstructive Coronary Artery Disease: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2019, 139, e891-e908.	1.6	519
141	Coronary endothelial function testing may improve long-term quality of life in subjects with microvascular coronary endothelial dysfunction. <i>Open Heart</i> , 2019, 6, e000870.	2.3	12
142	Circulating Osteogenic Progenitor Cells in Mild, Moderate, and Severe Aortic Valve Stenosis. <i>Mayo Clinic Proceedings</i> , 2019, 94, 652-659.	3.0	8
143	Optimization of polycaprolactone fibrous scaffold for heart valve tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 065014.	3.3	29
144	Effect of Metformin on Microvascular Endothelial Function in Polycystic Ovaryâ€“Syndrome. <i>Mayo Clinic Proceedings</i> , 2019, 94, 2455-2466.	3.0	32

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145	Improved renal outcomes after revascularization of the stenotic renal artery in pigs by prior treatment with low-energy extracorporeal shockwave therapy. <i>Journal of Hypertension</i> , 2019, 37, 2074-2082.	0.5	10
146	Takotsubo syndrome: State-of-the-art review by an expert panel â€œ Part 1. Cardiovascular Revascularization Medicine, 2019, 20, 70-79.	0.8	71
147	Takotsubo syndrome: State-of-the-art review by an expert panel â€œ Part 2. Cardiovascular Revascularization Medicine, 2019, 20, 153-166.	0.8	42
148	Reply: The challenge of risk stratification in Takotsubo stress cardiomyopathy. <i>International Journal of Cardiology</i> , 2019, 276, 207.	1.7	0
149	Behavior of valvular interstitial cells on trilayered nanofibrous substrate mimicking morphologies of heart valve leaflet. <i>Acta Biomaterialia</i> , 2019, 85, 142-156.	8.3	23
150	Cardiac Valve Bioreactor for Physiological Conditioning and Hydrodynamic Performance Assessment. <i>Cardiovascular Engineering and Technology</i> , 2019, 10, 80-94.	1.6	12
151	In Vivo Response of Acellular Porcine Pericardial for Tissue Engineered Transcatheter Aortic Valves. <i>Scientific Reports</i> , 2019, 9, 1094.	3.3	19
152	The functional assessment of patients with non-obstructive coronary artery disease: expert review from an international microcirculation working group. <i>EuroIntervention</i> , 2019, 14, 1694-1702.	3.2	32
153	Voice Signal Characteristics Are Independently Associated With Coronary Artery Disease. <i>Mayo Clinic Proceedings</i> , 2018, 93, 840-847.	3.0	47
154	Long-Term Sirolimus for PrimaryÂImmunosuppression in HeartÂTransplantÂRecipients. <i>Journal of the American College of Cardiology</i> , 2018, 71, 636-650.	2.8	81
155	Downregulation of circulating MOTS-c levels in patients with coronary endothelial dysfunction. <i>International Journal of Cardiology</i> , 2018, 254, 23-27.	1.7	58
156	Chronic inhibition of lipoprotein-associated phospholipase A2 does not improve coronary endothelial function: A prospective, randomized-controlled trial. <i>International Journal of Cardiology</i> , 2018, 253, 7-13.	1.7	9
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