

Rajiv Gulati

List of Publications by Year in descending order

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76
papers

5,313
citations

147801

31
h-index

95266

68
g-index

78
all docs

78
docs citations

78
times ranked

4477
citing authors

#	ARTICLE	IF	CITATIONS
1	Spontaneous Coronary Artery Dissection: Current State of the Science: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2018, 137, e523-e557.	1.6	763
2	Clinical Features, Management, and Prognosis of Spontaneous Coronary Artery Dissection. <i>Circulation</i> , 2012, 126, 579-588.	1.6	738
3	Spontaneous Coronary Artery Dissection. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 777-786.	3.9	488
4	Diverse Origin and Function of Cells With Endothelial Phenotype Obtained From Adult Human Blood. <i>Circulation Research</i> , 2003, 93, 1023-1025.	4.5	424
5	Coronary Artery Tortuosity in Spontaneous Coronary Artery Dissection. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 656-662.	3.9	246
6	Spontaneous Coronary Artery Dissection Associated With Pregnancy. <i>Journal of the American College of Cardiology</i> , 2017, 70, 426-435.	2.8	232
7	Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2020, 76, 961-984.	2.8	219
8	Acute Myocardial Infarction in Young Individuals. <i>Mayo Clinic Proceedings</i> , 2020, 95, 136-156.	3.0	161
9	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2019, 73, 58-66.	2.8	147
10	Familial Spontaneous Coronary Artery Dissection. <i>JAMA Internal Medicine</i> , 2015, 175, 821.	5.1	95
11	Characterization of a Resident Population of Adventitial Macrophage Progenitor Cells in Postnatal Vasculature. <i>Circulation Research</i> , 2014, 115, 364-375.	4.5	89
12	Early Natural History of Spontaneous Coronary Artery Dissection. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006772.	3.9	83
13	Coronary Endothelial Dysfunction Is Associated With Inflammation and Vasa Vasorum Proliferation in Patients With Early Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2473-2477.	2.4	78
14	Incidence, Trends, and Outcomes of Type 2 Myocardial Infarction in a Community Cohort. <i>Circulation</i> , 2020, 141, 454-463.	1.6	77
15	Sex Disparities in the Management and Outcomes of Cardiogenic Shock Complicating Acute Myocardial Infarction in the Young. <i>Circulation: Heart Failure</i> , 2020, 13, e007154.	3.9	71
16	Morbidity and Mortality Associated With Balloon Aortic Valvuloplasty. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	3.9	70
17	Coronary endothelial dysfunction in humans is associated with coronary retention of osteogenic endothelial progenitor cells. <i>European Heart Journal</i> , 2010, 31, 2909-2914.	2.2	69
18	Trends, Predictors, and Outcomes of Temporary Mechanical Circulatory Support for Postcardiac Surgery Cardiogenic Shock. <i>American Journal of Cardiology</i> , 2019, 123, 489-497.	1.6	69

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19	Temporary Mechanical Circulatory Support for Refractory Cardiogenic Shock Before Left Ventricular Assist Device Surgery. <i>Journal of the American Heart Association</i> , 2018, 7, e010193.	3.7	66
20	Leveraging Machine Learning Techniques to Forecast Patient Prognosis After Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1304-1311.	2.9	59
21	Modulation of the vascular response to injury by autologous blood-derived outgrowth endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H512-H517.	3.2	57
22	What Clinicians Should Know About Spontaneous Coronary Artery Dissection. <i>Mayo Clinic Proceedings</i> , 2015, 90, 1125-1130.	3.0	55
23	Identification of Susceptibility Loci for Spontaneous Coronary Artery Dissection. <i>JAMA Cardiology</i> , 2020, 5, 929.	6.1	54
24	Spontaneous coronary artery dissection: challenges of coronary computed tomography angiography. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018, 7, 609-613.	1.0	50
25	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
26	Spontaneous coronary artery dissection: Acute findings on coronary computed tomography angiography. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019, 8, 467-475.	1.0	45
27	Safety and Risk of Major Complications With Diagnostic Cardiac Catheterization. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007791.	3.9	44
28	Association of Pregnancy With Recurrence of Spontaneous Coronary Artery Dissection Among Women With Prior Coronary Artery Dissection. <i>JAMA Network Open</i> , 2020, 3, e2018170.	5.9	41
29	Rare Missense Variants in <i>TLN1</i> Are Associated With Familial and Sporadic Spontaneous Coronary Artery Dissection. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002437.	3.6	40
30	Effect of Transcatheter Aortic Valve Replacement on Right Ventricular-Pulmonary Artery Coupling. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2145-2154.	2.9	39
31	Spontaneous Coronary Artery Dissection. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1743-1756.	2.9	36
32	Clinical Impact of High-Sensitivity Cardiac Troponin T Implementation in the Community. <i>Journal of the American College of Cardiology</i> , 2021, 77, 3160-3170.	2.8	33
33	Emergency Department Presentation of Patients with Spontaneous Coronary Artery Dissection. <i>Journal of Emergency Medicine</i> , 2017, 52, 286-291.	0.7	32
34	Lack of Association of Spontaneous Coronary Artery Dissection With Autoimmune Disease. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2226-2234.	2.8	32
35	Coronary Endothelial Dysfunction Is Associated With Increased Risk of Incident Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2020, 9, e014850.	3.7	32
36	Contemporary prevalence, trends, and outcomes of coronary chronic total occlusions in acute myocardial infarction with cardiogenic shock. <i>IJC Heart and Vasculature</i> , 2019, 24, 100414.	1.1	27

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37	Temporal Trends and Outcomes of Left Ventricular Aneurysm After Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , 2020, 133, 32-38.	1.6	27
38	Utility of 30-Day Continuous Ambulatory Monitoring to Identify Patients With Delayed Occurrence of Atrioventricular Block After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007635.	3.9	26
39	The SYNTAX Trial. <i>Circulation: Cardiovascular Interventions</i> , 2009, 2, 463-467.	3.9	21
40	Sex Differences in Long-Term Cause-Specific Mortality After Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006062.	3.9	21
41	Complications from percutaneous-left ventricular assist devices versus intra-aortic balloon pump in acute myocardial infarction-cardiogenic shock. <i>PLoS ONE</i> , 2020, 15, e0238046.	2.5	17
42	Evolution of the Crush Technique for Bifurcation Stenting. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2315-2326.	2.9	17
43	IMPROvE-CED Trial: Intracoronary Autologous CD34+ Cell Therapy for Treatment of Coronary Endothelial Dysfunction in Patients With Angina and Nonobstructive Coronary Arteries. <i>Circulation Research</i> , 2022, 130, 326-338.	4.5	17
44	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
45	Revascularization in Patients With Spontaneous Coronary Artery Dissection: Where Are We Now?. <i>Journal of the American Heart Association</i> , 2021, 10, e018551.	3.7	16
46	Google Trends Insights Into Reduced Acute Coronary Syndrome Admissions During the COVID-19 Pandemic: Infodemiology Study. <i>JMIR Cardio</i> , 2020, 4, e20426.	1.7	16
47	Cell Therapy for Acute Myocardial Infarction. <i>Medical Clinics of North America</i> , 2007, 91, 769-785.	2.5	15
48	Three Dimensional Quantitative Coronary Angiography Can Detect Reliably Ischemic Coronary Lesions Based on Fractional Flow Reserve. <i>Journal of Korean Medical Science</i> , 2015, 30, 716.	2.5	15
49	Rapid Exclusion of Acute Myocardial Injury and Infarction With a Single High-Sensitivity Cardiac Troponin T in the Emergency Department: A Multicenter United States Evaluation. <i>Circulation</i> , 2022, 145, 1708-1719.	1.6	15
50	Nanoparticle-Mediated Cell Capture Enables Rapid Endothelialization of a Novel Bare Metal Stent. <i>Tissue Engineering - Part A</i> , 2018, 24, 1157-1166.	3.1	14
51	Prediction of Cardiac and Noncardiac Mortality After Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e002121.	3.9	13
52	Comparison of Complications and In-Hospital Mortality in Takotsubo (Apical Ballooning/Stress) Cardiomyopathy Versus Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , 2020, 132, 29-35.	1.6	13
53	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
54	Physical Activity and Exercise Patterns After Spontaneous Coronary Artery Dissection: Insights From a Large Multinational Registry. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 642739.	2.4	12

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55	ST-segment Elevation, Myocardial Injury, and Suspected or Confirmed COVID-19 Patients: Diagnostic and Treatment Uncertainties. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1107-1111.	3.0	11
56	Temporal Incidence and Predictors of High-Grade Atrioventricular Block After Transcatheter Aortic Valve Replacement. <i>Journal of the American Heart Association</i> , 2021, 10, e020033.	3.7	11
57	Rationale and design of the BA-SCAD (Beta-blockers and Antiplatelet agents in patients with) Tj ETQq1 1 0.784314 rgBT /Overlock 10 (English Ed), 2022, 75, 515-522.	0.6	11
58	Relation of Activated Clotting Times During Percutaneous Coronary Intervention to Outcomes. <i>American Journal of Cardiology</i> , 2016, 117, 703-708.	1.6	9
59	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
60	Left Bundle Branch Block Before Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e007361.	3.9	7
61	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
62	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
63	Routine Continuous Electrocardiographic Monitoring Following Percutaneous Coronary Interventions. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008290.	3.9	5
64	Paclitaxel-Coated Balloons and Stents for Lower Extremity Peripheral Arterial Disease Interventions. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1569-1573.	3.0	4
65	Characteristics and Long-Term Outcomes of Patients With Prior Coronary Artery Bypass Grafting Undergoing Primary Percutaneous Coronary Intervention for ST-Segment Elevation Myocardial Infarction. <i>American Journal of Cardiology</i> , 2020, 135, 1-8.	1.6	4
66	Susceptibility Locus for Pregnancy-Associated Spontaneous Coronary Artery Dissection. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003398.	3.6	4
67	Remote robotic percutaneous coronary intervention: An animal feasibility study. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E274-E279.	1.7	4
68	Anomalous coronary artery origin from the opposite sinus in patients with bicuspid aortic valve: comparison with tricuspid aortic valve. <i>Open Heart</i> , 2021, 8, e001567.	2.3	2
69	Characterization of Blood Outgrowth Endothelial Cells (BOEC) from Porcine Peripheral Blood. <i>Journal of Visualized Experiments</i> , 2022, , .	0.3	2
70	Safe Triage of STEMI Patients to General Telemetry Units After Successful Primary Percutaneous Coronary Intervention. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2021, 5, 1118-1127.	2.4	1
71	Activated Clotting Time and Radial Artery Occlusion. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e008398.	3.9	0
72	Response by Waterbury et al to Letters Regarding Article, "Early Natural History of Spontaneous Coronary Artery Dissection". <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007678.	3.9	0

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73	Abstract 17453: Clinical Features of Peripartum Spontaneous Coronary Artery Dissection. Circulation, 2014, 130, .	1.6	0
74	First Transcatheter Aortic Valve Replacement With Gadobutrol in a Patient With Severe Contrast Allergy. Cardiovascular Revascularization Medicine, 2022, 40, 123-125.	0.8	0
75	Renal function changes associated with transcatheter aortic valve-in-valve for prosthetic regurgitation compared to stenosis. IJC Heart and Vasculature, 2022, 39, 100999.	1.1	0
76	Abstract 21004: Relation Between Optimal Medical Therapy Trends on Outcomes in Patients With Peripheral Arterial Disease and Coronary Artery Disease Undergoing Cardiac Catheterization. Circulation, 2017, 136, .	1.6	0