

# Arnav Kumar

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,199  
citations

567281

15  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of baseline conduction abnormalities on outcomes after transcatheter aortic valve replacement with <scp>SAPIEN</scp>â€³. Catheterization and Cardiovascular Interventions, 2021, 98, E127-E138.	1.7	6
2	Functional coronary angiography in symptomatic patients with no obstructive coronary artery disease. Catheterization and Cardiovascular Interventions, 2021, 98, 827-835.	1.7	13
3	Adverse clinical outcomes in patients undergoing both <scp>PCI</scp> and <scp>TAVR</scp>: Analysis from a pooled <scp>multiâ€center</scp> registry. Catheterization and Cardiovascular Interventions, 2021, 97, 529-539.	1.7	16
4	Systematic Approach to High Implantation of SAPIEN-3 Valve Achieves a Lower Rate of Conduction Abnormalities Including Pacemaker Implantation. Circulation: Cardiovascular Interventions, 2021, 14, e009407.	3.9	77
5	Longâ€Term Clinical Outcomes Following Revascularization in Highâ€Risk Coronary Anatomy Patients With Stable Ischemic Heart Disease. Journal of the American Heart Association, 2021, 10, e018104.	3.7	13
6	The stenotic vulnerable plaque: Identifying the substrate of acute coronary syndromes. Atherosclerosis, 2021, 320, 95-97.	0.8	3
7	Depressed right ventricular systolic function in heart failure due to constrictive pericarditis. ESC Heart Failure, 2021, 8, 3119-3129.	3.1	2
8	Very late vasomotor responses and gene expression with bioresorbable scaffolds and metallic drugâ€eluting stents. Catheterization and Cardiovascular Interventions, 2021, 98, 723-732.	1.7	1
9	Coupling Advanced Imaging With Computational Vascular Diagnostics. JACC: Cardiovascular Imaging, 2020, 13, 1033-1035.	5.3	0
10	Percutaneous coronary intervention with transcatheter aortic valve replacement makes no difference! None? Really?. Catheterization and Cardiovascular Interventions, 2020, 95, E161-E162.	1.7	0
11	Timeâ€Integrated Aortic Regurgitation Index Helps Guide Balloon Postdilation During Transcatheter Aortic Valve Replacement and Predicts Survival. Journal of the American Heart Association, 2019, 8, e012430.	3.7	8
12	Bâ€type natriuretic peptide is associated with remodeling and exercise capacity after transcatheter aortic valve replacement for aortic stenosis. Clinical Cardiology, 2019, 42, 270-276.	1.8	9
13	Hemodynamic durability of transcatheter aortic valves using the updated Valve Academic Research Consortiumâ€2 criteria. Catheterization and Cardiovascular Interventions, 2019, 93, 729-738.	1.7	11
14	Safety and efficacy of cerebral protection devices in transcatheter aortic valve replacement: A clinical end-points meta-analysis. Cardiovascular Revascularization Medicine, 2018, 19, 785-791.	0.8	17
15	Mean Right Atrial Pressure for Estimation of Left Ventricular Filling Pressure in Patients with Normal Left Ventricular Ejection Fraction: Invasive and Noninvasive Validation. Journal of the American Society of Echocardiography, 2018, 31, 799-806.	2.8	31
16	Disparity in spatial distribution of pericardial calcifications in constrictive pericarditis. Open Heart, 2018, 5, e000835.	2.3	8
17	Noninvasive Multimodality Imaging for the Diagnosis of Constrictive Pericarditis. Circulation: Cardiovascular Imaging, 2018, 11, e007878.	2.6	46
18	Quantitative assessment of pericardial delayed hyperenhancement helps identify patients with ongoing recurrences of pericarditis. Open Heart, 2018, 5, e000944.	2.3	18

#	ARTICLE	IF	CITATIONS
19	High Coronary Shear Stress in Patients With Coronary Artery Disease Predicts Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2018, 72, 1926-1935.	2.8	124
20	Current Society of Thoracic Surgeons Model Reclassifies Mortality Risk in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006664.	3.9	36
21	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
22	Impact of left ventricular diastolic function and survival in patients with severe aortic stenosis undergoing transcatheter aortic valve replacement. <i>PLoS ONE</i> , 2018, 13, e0196031.	2.5	8
23	The Interface Between Coronary Physiology and Severe Aortic Stenosis. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2041-2043.	2.9	1
24	Meta-analysis of the Impact of Avoiding Balloon Predilation in Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2018, 122, 477-482.	1.6	17
25	Estimating Left Ventricular Filling Pressure by Echocardiography. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1937-1948.	2.8	298
26	Reliability of updated left ventricular diastolic function recommendations in predicting elevated left ventricular filling pressure and prognosis. <i>American Heart Journal</i> , 2017, 189, 28-39.	2.7	64
27	Quantitative Pericardial Delayed Hyperenhancement Informs Clinical Course in Recurrent Pericarditis. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1337-1346.	5.3	54
28	Uremic pericarditis, pericardial effusion, and constrictive pericarditis in end-stage renal disease: Insights and pathophysiology. <i>Clinical Cardiology</i> , 2017, 40, 839-846.	1.8	40
29	Reversibility of Cardiac Function Predicts Outcome After Transcatheter Aortic Valve Replacement in Patients With Severe Aortic Stenosis. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	57
30	Complicated Pericarditis. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2311-2328.	2.8	167
31	Pericardial enhancement using multimodality imaging in a rare auto-inflammatory disorder. <i>International Journal of Cardiology</i> , 2016, 220, 654-655.	1.7	2