

# Prakash P Punjabi

## List of Publications by Year in descending order

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Version: 2024-02-01

136  
papers

3,056  
citations

257450

24  
h-index

168389

53  
g-index

151  
all docs

151  
docs citations

151  
times ranked

5521  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenome-wide association of DNA methylation markers in peripheral blood from Indian Asians and Europeans with incident type 2 diabetes: a nested case-control study. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 526-534.	11.4	396
2	Left Atrial Appendage Occlusion during Cardiac Surgery to Prevent Stroke. <i>New England Journal of Medicine</i> , 2021, 384, 2081-2091.	27.0	321
3	Coronary Artery Bypass Surgery With or Without Mitral Valve Annuloplasty in Moderate Functional Ischemic Mitral Regurgitation. <i>Circulation</i> , 2012, 126, 2502-2510.	1.6	289
4	Aged senescent cells contribute to impaired heart regeneration. <i>Aging Cell</i> , 2019, 18, e12931.	6.7	202
5	Integrated genomic approaches implicate osteoglycin (Ogn) in the regulation of left ventricular mass. <i>Nature Genetics</i> , 2008, 40, 546-552.	21.4	150
6	Rapid Detection of Acute Kidney Injury by Plasma and Urinary Neutrophil Gelatinase-associated Lipocalin After Cardiopulmonary Bypass. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 53, 261-266.	1.9	143
7	Use of minimal invasive extracorporeal circulation in cardiac surgery: principles, definitions and potential benefits. A position paper from the Minimal invasive Extra-Corporeal Technologies international Society (MiECTiS). <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 647-662.	1.1	136
8	Abnormal myocardial insulin signalling in type 2 diabetes and left-ventricular dysfunction. <i>European Heart Journal</i> , 2010, 31, 100-111.	2.2	133
9	Microdomain-Specific Modulation of L-Type Calcium Channels Leads to Triggered Ventricular Arrhythmia in Heart Failure. <i>Circulation Research</i> , 2016, 119, 944-955.	4.5	101
10	Direct Evidence for Microdomain-Specific Localization and Remodeling of Functional L-Type Calcium Channels in Rat and Human Atrial Myocytes. <i>Circulation</i> , 2015, 132, 2372-2384.	1.6	96
11	The Coronary Artery Revascularisation in Diabetes (CARDia) trial: Background, aims, and design. <i>American Heart Journal</i> , 2005, 149, 13-19.	2.7	80
12	Surgical and interventional management of mitral valve regurgitation: a position statement from the European Society of Cardiology Working Groups on Cardiovascular Surgery and Valvular Heart Disease. <i>European Heart Journal</i> , 2016, 37, 133-139.	2.2	75
13	Clinical Inhibition of the Seven-Transmembrane Thrombin Receptor (PAR1) by Intravenous Aprotinin During Cardiothoracic Surgery. <i>Circulation</i> , 2004, 110, 2597-2600.	1.6	68
14	Localisation of SCN10A Gene Product Nav1.8 and Novel Pain-Related Ion Channels in Human Heart. <i>International Heart Journal</i> , 2011, 52, 146-152.	1.0	62
15	â€œSilver Liningâ€• Perfusion (United Kingdom), 2011, 26, 5-5.	1.0	56
16	Morphologic and Functional Remodeling of the Right Ventricle in Pulmonary Hypertension by Real Time Three Dimensional Echocardiography. <i>American Journal of Cardiology</i> , 2012, 109, 906-913.	1.6	47
17	Functional Renal Outcome in On-Pump and Off-Pump Coronary Revascularization: A Propensity-Based Analysis. <i>Annals of Thoracic Surgery</i> , 2005, 79, 1577-1583.	1.3	45
18	An evaluation of existing risk stratification models as a tool for comparison of surgical performances for coronary artery bypass grafting between institutions. <i>European Journal of Cardio-thoracic Surgery</i> , 2003, 23, 935-942.	1.4	42

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19	Valve-preserving surgery on the bicuspid aortic valve. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 888-898.	1.4	39
20	Dexamethasone Arterializes Venous Endothelial Cells by Inducing Mitogen-Activated Protein Kinase Phosphatase-1. <i>Circulation</i> , 2011, 123, 524-532.	1.6	37
21	Rheumatic Mitral Valve Disease: Current Surgical Status. <i>Progress in Cardiovascular Diseases</i> , 2009, 51, 478-481.	3.1	32
22	The science and practice of cardiopulmonary bypass: From cross circulation to ECMO and SIRS. <i>Global Cardiology Science &amp; Practice</i> , 2013, 2013, 32.	0.4	32
23	Do all patients with prosthetic valve endocarditis need surgery?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 15, 1057-1061.	1.1	29
24	Minimal Access Versus Sternotomy for Complex Mitral Valve Repair: A Meta-Analysis. <i>Annals of Thoracic Surgery</i> , 2020, 109, 737-744.	1.3	29
25	Left ventricular remodeling and mitral valve surgery: Prospective study with real-time 3-dimensional echocardiography and speckle tracking. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 142, 641-649.	0.8	26
26	Microsimulation and clinical outcomes analysis support a lower age threshold for use of biological valves. <i>Heart</i> , 2010, 96, 1730-1736.	2.9	23
27	Tricuspid Valve Disease: Pathophysiology and Optimal Management. <i>Progress in Cardiovascular Diseases</i> , 2009, 51, 482-486.	3.1	22
28	Does surgical debulking for advanced stages of thymoma improve survival?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 15, 494-497.	1.1	21
29	Leucocyte depletion in cardiopulmonary bypass: a comparison of four strategies. <i>Perfusion (United Kingdom)</i> , 2017, 32, 107-117.	1.0	17
30	Ischemic Mitral Regurgitation: In Search of the Best Treatment for a Common Condition. <i>Progress in Cardiovascular Diseases</i> , 2009, 51, 460-471.	3.1	17
31	The flaws in the detail of an observational study on transcatheter aortic valve implantation versus surgical aortic valve replacement in intermediate-risks patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, 1031-1035.	1.4	16
32	Remote ischaemic preconditioning in isolated aortic valve and coronary artery bypass surgery: a randomized trial. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 905-912.	1.4	15
33	A systematic review of the safety and efficacy of distal coronary artery anastomotic devices in MIDCAB and TECAB surgery. <i>Perfusion (United Kingdom)</i> , 2016, 31, 537-543.	1.0	12
34	In patients undergoing mitral surgery for ischaemic mitral regurgitation is it preferable to repair or replace the mitral valve?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2011, 12, 218-227.	1.1	11
35	Do selective serotonin reuptake inhibitors increase the risk of bleeding or mortality following coronary artery bypass graft surgery? A meta-analysis of observational studies. <i>Perfusion (United Kingdom)</i> , 2017, 32, 107-117.	1.0	10
36	Conventional versus minimally invasive extracorporeal circulation in patients undergoing cardiac surgery: protocol for a randomised controlled trial (COMICS). <i>Perfusion (United Kingdom)</i> , 2021, 36, 388-394.	1.0	11

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37	Mitral valve regurgitation and 3D echocardiography. <i>Future Cardiology</i> , 2010, 6, 231-242.	1.2	10
38	Continuous bilateral thoracic paravertebral blockade for analgesia after cardiac surgery: a randomised, controlled trial. <i>Perfusion (United Kingdom)</i> , 2017, 32, 591-597.	1.0	9
39	A technical review of subvalvular techniques for repair of ischaemic mitral regurgitation and their associated echocardiographic and survival outcomes. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 25, 975-982.	1.1	9
40	Optimisation of laboratory methods for whole transcriptomic RNA analyses in human left ventricular biopsies and blood samples of clinical relevance. <i>PLoS ONE</i> , 2019, 14, e0213685.	2.5	9
41	Postimplant biological aortic prosthesis degeneration: challenges in transcatheter valve implants. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 191-200.	1.4	9
42	Concomitant thymectomy and cardiac operation in a patient with pure red cell aplasia. <i>Annals of Thoracic Surgery</i> , 2001, 72, 621-623.	1.3	8
43	Do bigger hospitals or busier surgeons do better adult aortic or mitral valve operations?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010, 10, 605-610.	1.1	8
44	A Trial of Two Anesthetic Regimes for Minimally Invasive Mitral Valve Repair. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 2562-2569.	1.3	8
45	Quality of life after mitral valve intervention. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 24, ivw312.	1.1	7
46	Global longitudinal strain to determine optimal timing for surgery in primary mitral regurgitation: A systematic review. <i>Journal of Cardiac Surgery</i> , 2021, 36, 2458-2466.	0.7	7
47	Role of aprotinin in the management of patients during and after cardiac surgery. <i>Expert Opinion on Pharmacotherapy</i> , 2000, 1, 1353-1365.	1.8	6
48	Current Status of Surgery for Degenerative Mitral Valve Disease. <i>Progress in Cardiovascular Diseases</i> , 2009, 51, 454-459.	3.1	6
49	Technique for Chordae Replacement in Mitral Valve Repair. <i>Annals of Thoracic Surgery</i> , 2012, 94, 2139-2140.	1.3	6
50	Investigating the effect of remote ischaemic preconditioning on biomarkers of stress and injury-related signalling in patients having isolated coronary artery bypass grafting or aortic valve replacement using cardiopulmonary bypass: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 181.	1.6	6
51	Editorial 25:1. <i>Perfusion (United Kingdom)</i> , 2010, 25, 3-4.	1.0	5
52	Management of a Giant Thoracic Hypervascular Paraspinal Ganglioma. <i>Annals of Thoracic Surgery</i> , 2012, 93, e7-e8.	1.3	5
53	The value of adding sub-valvular procedures for chronic ischemic mitral regurgitation surgery: a meta-analysis. <i>Perfusion (United Kingdom)</i> , 2017, 32, 436-445.	1.0	5
54	Dopamine Optimizes Venous Return During Cardiopulmonary Bypass and Reduces the Need for Postoperative Blood Transfusion. <i>ASAIO Journal</i> , 2019, 65, 882-887.	1.6	5

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55	Large animal model of vein grafts intimal hyperplasia: A systematic review. <i>Perfusion (United Kingdom)</i> , 2023, 38, 894-930.	1.0	5
56	Infective Endocarditis of the Mitral Valve: Optimal Management. <i>Progress in Cardiovascular Diseases</i> , 2009, 51, 472-477.	3.1	4
57	An ethical dilemma: severe ischaemic mitral regurgitation and acute coronary syndrome in a 49-year-old pregnant woman. <i>European Journal of Echocardiography</i> , 2010, 11, 195-197.	2.3	4
58	Strain balance of papillary muscles as a prerequisite for successful mitral valve repair in patients with mitral valve prolapse due to fibroelastic deficiency. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 53-61.	1.2	4
59	The cessation of oral anticoagulation following left atrial appendage surgery. <i>Future Cardiology</i> , 2018, 14, 407-415.	1.2	4
60	Mitral annular disjunction: 'MAD' is 'normal'. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 623-625.	1.2	4
61	Surgical aortic valve replacement in the era of transcatheter aortic valve implantation: a review of the UK national database. <i>BMJ Open</i> , 2021, 11, e046491.	1.9	4
62	Neutrophil Gelatinase-associated Lipocalin and Acute Kidney Injury after Cardiac Surgery. <i>Anesthesiology</i> , 2012, 116, 490-491.	2.5	3
63	Role of percutaneous mitral valve repair in the contemporary management of mitral regurgitation. <i>Heart</i> , 2015, 101, 1531-1539.	2.9	3
64	Changes in right ventricular longitudinal function: primary mitral and concomitant tricuspid valve repair. <i>Perfusion (United Kingdom)</i> , 2019, 34, 310-317.	1.0	3
65	Novel strategy for improved outcomes of extra-corporeal membrane oxygenation as a treatment for refractory post cardiectomy cardiogenic shock in the current era: a refreshing new perspective. <i>Perfusion (United Kingdom)</i> , 2022, 37, 825-834.	1.0	3
66	Evidence-based medicine or instinct-based medicine?. <i>Perfusion (United Kingdom)</i> , 2009, 24, 295-295.	1.0	2
67	Surgical management of valvular heart disease. <i>Medicine</i> , 2010, 38, 545-549.	0.4	2
68	Myocardial conditioning techniques in off-pump coronary artery bypass grafting. <i>Journal of Cardiothoracic Surgery</i> , 2015, 10, 7.	1.1	2
69	Are adjunct subvalvular techniques more effective than isolated restrictive annuloplasty for treating ischemic mitral regurgitation?. <i>Perfusion (United Kingdom)</i> , 2017, 32, 92-96.	1.0	2
70	Science and the 'fake news' conundrum. <i>Perfusion (United Kingdom)</i> , 2017, 32, 429-429.	1.0	2
71	Concomitant cardiac surgery and liver transplantation: an alternative approach in patients with end stage liver failure?. <i>Perfusion (United Kingdom)</i> , 2021, 36, 737-744.	1.0	2
72	Postoperative Atrial Fibrillation: Year 2011 Review of Predictive and Preventative Factors of Atrial Fibrillation Post Cardiac Surgery. <i>Journal of Atrial Fibrillation</i> , 2012, 5, 671.	0.5	2

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73	Early Results of Rheumatic Mitral Valve Repair. <i>Journal of Heart Valve Disease</i> , 2016, 25, 691-695.	0.5	2
74	Digital communication platforms in cardiothoracic surgery during COVID-19 pandemic: keeping us connected or isolated?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 35, .	1.1	2
75	Heart valve surgery. <i>Surgery</i> , 2007, 25, 220-223.	0.3	1
76	Heart valve surgery. <i>Surgery</i> , 2008, 26, 491-495.	0.3	1
77	Collapse while jogging and a mimic of milk. <i>Lancet, The</i> , 2009, 373, 602.	13.7	1
78	A Simple Technique to Control Anastomotic Suture Line Bleeding. <i>Annals of Thoracic Surgery</i> , 2010, 90, 1030-1031.	1.3	1
79	Use of a purse string suture in proximal coronary anastomosis to reduce size mismatch between conduit and aortotomy. <i>Annals of the Royal College of Surgeons of England</i> , 2011, 93, 415-416.	0.6	1
80	Avoiding tension in left internal mammary artery to left anterior descending coronary artery anastomosis during coronary artery bypass graft surgery. <i>Annals of the Royal College of Surgeons of England</i> , 2013, 95, 73-73.	0.6	1
81	The Science of Politics and The Politicization of Science. <i>Perfusion (United Kingdom)</i> , 2014, 29, 101-101.	1.0	1
82	Revisiting the Hippocratic Oath. <i>Perfusion (United Kingdom)</i> , 2015, 30, 610-610.	1.0	1
83	Heart valve surgery. <i>Surgery</i> , 2015, 33, 67-72.	0.3	1
84	An unusual presentation of ischaemic mitral regurgitation as P2 prolapse. <i>Perfusion (United Kingdom)</i> , 2015, 30, 610-610.	1.0	1
85	The SLEFIE "slave of the selfie". <i>Perfusion (United Kingdom)</i> , 2019, 34, 96-97.	1.0	1
86	Retrospective analysis of tricuspid valve repair using a novel surgical technique: A 7-year single-surgeon experience. <i>Perfusion (United Kingdom)</i> , 2020, 35, 795-801.	1.0	1
87	Remote ischemic preconditioning in isolated valve intervention. A pooled meta-analysis. <i>International Journal of Cardiology</i> , 2021, 324, 146-151.	1.7	1
88	Predictors of Recurrent Chronic Ischemic Mitral Regurgitation After Mitral Valve Repair Surgery. , 2015, , 185-191.		1
89	Efficacy of treatments tested in COVID-19 patients with cardiovascular disease. A meta-analysis. <i>Perfusion (United Kingdom)</i> , 2023, 38, 373-383.	1.0	1
90	Effect of cardioplegic arrest and reperfusion on left and right ventricular proteome/phosphoproteome in patients undergoing surgery for coronary or aortic valve disease. <i>International Journal of Molecular Medicine</i> , 2022, 49, .	4.0	1

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91	To risk or not to risk. Perfusion (United Kingdom), 2008, 23, 253-253.	1.0	0
92	Character and Thinking. Perfusion (United Kingdom), 2009, 24, 151-151.	1.0	0
93	Editorial. Perfusion (United Kingdom), 2009, 24, 5-5.	1.0	0
94	Effort and Achievement. Perfusion (United Kingdom), 2009, 24, 371-371.	1.0	0
95	Introduction. Progress in Cardiovascular Diseases, 2009, 51, 453.	3.1	0
96	Scientific Expertise. Perfusion (United Kingdom), 2010, 25, 281-281.	1.0	0
97	The Past, The Present and The Future. Perfusion (United Kingdom), 2010, 25, 361-361.	1.0	0
98	Responsibilities of the Editor. Perfusion (United Kingdom), 2010, 25, 113-114.	1.0	0
99	Thoracotomy. Surgery, 2011, 29, 242-243.	0.3	0
100	Challenging the Conventional Wisdom. Perfusion (United Kingdom), 2011, 26, 77-77.	1.0	0
101	Changing Constantly and Constant Change. Perfusion (United Kingdom), 2011, 26, 261-261.	1.0	0
102	Perfusion "What is in a name?". Perfusion (United Kingdom), 2011, 26, 457-458.	1.0	0
103	Editorial. Perfusion (United Kingdom), 2012, 27, 262-262.	1.0	0
104	Wisdom is knowing you know nothing. Perfusion (United Kingdom), 2012, 27, 454-454.	1.0	0
105	Robotic mitral valve surgery: how soon will we be moving away from open heart surgery?. Future Cardiology, 2012, 8, 797-799.	1.2	0
106	Editorial. Perfusion (United Kingdom), 2012, 27, 94-94.	1.0	0
107	Heart valve surgery. Surgery, 2012, 30, 22-27.	0.3	0
108	Invited Commentary. Annals of Thoracic Surgery, 2013, 95, 104.	1.3	0

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109	Invited Commentary. Annals of Thoracic Surgery, 2013, 95, 2006.	1.3	0
110	Scientific Supremacy: Mission Impossible – Possible. Perfusion (United Kingdom), 2013, 28, 276-277.	1.0	0
111	Evolution of myocardial support: a shifting paradigm. Perfusion (United Kingdom), 2013, 28, 96-96.	1.0	0
112	Indispensible? No, not really, but nearly. Perfusion (United Kingdom), 2013, 28, 470-471.	1.0	0
113	In atrial fibrillation, dabigatran had similar efficacy to warfarin but caused less bleeding in higher GFR. Annals of Internal Medicine, 2014, 161, JC7.	3.9	0
114	Collective Excellence: The –Heart–MDT. Perfusion (United Kingdom), 2014, 29, 284-284.	1.0	0
115	Feeling dizzy? A giant incidental finding:. European Heart Journal, 2014, 35, 2343-2343.	2.2	0
116	Surgeon-specific mortality data: bury your head in the sand. European Journal of Cardio-thoracic Surgery, 2015, 47, 346-347.	1.4	0
117	Yin Yang. Perfusion (United Kingdom), 2015, 30, 268-268.	1.0	0
118	The power of negative thinking – The glass is half full. Perfusion (United Kingdom), 2015, 30, 92-92.	1.0	0
119	Shakespeare’s understanding of human afflictions. Perfusion (United Kingdom), 2016, 31, 357-357.	1.0	0
120	Scientific Phishing: Fact or Fiction?. Perfusion (United Kingdom), 2016, 31, 181-181.	1.0	0
121	Back to the Future: surgery and percutaneous devices. Perfusion (United Kingdom), 2016, 31, 624-624.	1.0	0
122	Certainty, in a time of uncertainty: The science of Paradox. Perfusion (United Kingdom), 2017, 32, 3-3.	1.0	0
123	Healthcare budgets across continents: at crossroads - publish or perish. Perfusion (United Kingdom), 2017, 32, 262-262.	1.0	0
124	Serendipity and margin of safety. Perfusion (United Kingdom), 2018, 33, 88-88.	1.0	0
125	The professional amateur and the amateurish professional. Perfusion (United Kingdom), 2018, 33, 413-414.	1.0	0
126	POTS and PANS; –Do what you want to do, when you can do, NOW, when you CAN do–. Perfusion (United Kingdom), 2018, 33, 611-611.	1.0	0



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127	A symbiosis and a beginning. <i>Perfusion (United Kingdom)</i> , 2018, 33, 6-6.	1.0	0
128	The imagined order. <i>Perfusion (United Kingdom)</i> , 2018, 33, 248-248.	1.0	0
129	The morality of mortality. <i>Perfusion (United Kingdom)</i> , 2019, 34, 443-444.	1.0	0
130	Perfusion and Euroelso 2019: In Sync. <i>Perfusion (United Kingdom)</i> , 2019, 34, 4-4.	1.0	0
131	BREXIT checklist: Positivity and Persistence. <i>Perfusion (United Kingdom)</i> , 2019, 34, 265-266.	1.0	0
132	Re-emphasising the importance of histopathological diagnosis in suspected bacterial endocarditis. <i>Perfusion (United Kingdom)</i> , 2021, , 026765912110388.	1.0	0
133	Predictors of outcome after CABG in the South-Asian community: a propensity matched analysis. <i>Perfusion (United Kingdom)</i> , 2021, , 026765912110375.	1.0	0
134	Editorial controls and obligations. <i>Perfusion (United Kingdom)</i> , 2021, 36, 775-776.	1.0	0
135	Instantaneous wave free ratio value impact on left internal mammary artery graft patency. <i>Perfusion (United Kingdom)</i> , 2022, , 026765912210998.	1.0	0
136	Progress in Cardiovascular Perfusion and Technology. , 2022, , 23-40.		0