

# Poonam Malhotra Kapoor

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

434  
citations

1040056

9  
h-index

839539

18  
g-index

85  
all docs

85  
docs citations

85  
times ranked

574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early goal-directed therapy in moderate to high-risk cardiac surgery patients. <i>Annals of Cardiac Anaesthesia</i> , 2008, 11, 27.	0.6	122
2	The role of Rajyoga meditation for modulation of anxiety and serum cortisol in patients undergoing coronary artery bypass surgery: A prospective randomized control study. <i>Annals of Cardiac Anaesthesia</i> , 2017, 20, 158.	0.6	35
3	Comparison of del Nido and histidine-tryptophan-ketoglutarate cardioplegia solutions in pediatric patients undergoing open heart surgery: A prospective randomized clinical trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1182-1192.e1.	0.8	23
4	Simulation in coagulation testing using rotational thromboelastometry: A fast emerging, reliable point of care technique. <i>Annals of Cardiac Anaesthesia</i> , 2016, 19, 516.	0.6	23
5	Perioperative utility of goal-directed therapy in high-risk cardiac patients undergoing coronary artery bypass grafting: A clinical outcome and biomarker-based study. <i>Annals of Cardiac Anaesthesia</i> , 2016, 19, 638.	0.6	22
6	The role of blood lactate clearance as a predictor of mortality in children undergoing surgery for tetralogy of Fallot. <i>Annals of Cardiac Anaesthesia</i> , 2016, 19, 217.	0.6	15
7	Simulation-based training in echocardiography. <i>Echocardiography</i> , 2016, 33, 1581-1588.	0.9	14
8	Serial semi-invasive hemodynamic assessment following pericardiectomy for chronic constrictive pericarditis. <i>Annals of Cardiac Anaesthesia</i> , 2017, 20, 169.	0.6	12
9	Trans-esophageal echocardiography in off-pump coronary artery bypass grafting. <i>Annals of Cardiac Anaesthesia</i> , 2009, 12, 174.	0.6	9
10	An update on transesophageal echocardiography views 2016: 2D versus 3D tee views. <i>Annals of Cardiac Anaesthesia</i> , 2016, 19, 56.	0.6	9
11	Assessment of Changes in Hemodynamics and Intrathoracic Fluid Using Electrical Cardiometry During Autologous Blood Harvest. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 84-89.	1.3	9
12	Serum albumin perturbations in cyanotics after cardiac surgery: Patterns and predictions. <i>Annals of Cardiac Anaesthesia</i> , 2016, 19, 300.	0.6	8
13	A Prospective Randomized Clinical Trial of Efficacy of Algorithm-Based Point of Care Guided Hemostatic Therapy in Cyanotic Congenital Heart Disease Surgical Patients. <i>Journal of Cardiac Critical Care TSS</i> , 2019, 03, 08-16.	0.1	7
14	Does sleep quality affects the immediate clinical outcome in patients undergoing coronary artery bypass grafting: A clinico-biochemical correlation. <i>Annals of Cardiac Anaesthesia</i> , 2017, 20, 193.	0.6	7
15	Comparison of B-type natriuretic peptide and left ventricular dysfunction in patients with constrictive pericarditis undergoing pericardiectomy. <i>Annals of Cardiac Anaesthesia</i> , 2010, 13, 123.	0.6	6
16	Comparison of a Waxy Maize and a Potato Starch-Based Balanced Hydroxyethyl Starch for Priming in Patients Undergoing Coronary Artery Bypass Grafting. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 690-697.	1.3	6
17	Echocardiographic Assessment of the Alterations in Pulmonary Blood Flow Associated with Ketamine and Etomidate Administration in Children with Tetralogy of Fallot. <i>Echocardiography</i> , 2016, 33, 307-313.	0.9	6
18	COVID-19 Thrombosis: An Unsolved Mystery. <i>Journal of Cardiac Critical Care TSS</i> , 2020, 04, 01-04.	0.1	6

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19	Lactate, endothelin, and central venous oxygen saturation as predictors of mortality in patients with Tetralogy of Fallot. <i>Annals of Cardiac Anaesthesia</i> , 2016, 19, 269.	0.6	6
20	Bidirectional Glenn: open technique of anastomosis on cardiopulmonary bypass. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 31, 209-212.	0.6	5
21	Short-term prognostic value of perioperative coronary sinus-derived-serum cardiac troponin-I, creatine kinase-MB, lactate, pyruvate, and lactate-pyruvate ratio in adult patients undergoing open heart surgery. <i>Annals of Cardiac Anaesthesia</i> , 2016, 19, 439.	0.6	5
22	Bidirectional superior cavopulmonary anastomosis with or without cardiopulmonary bypass: A randomized study. <i>Journal of Cardiac Surgery</i> , 2017, 32, 376-381.	0.7	5
23	Prosthetic Mitral Valve Strut Masquerading as Left Ventricular Outflow Tract Obstruction: 3D Transesophageal Echocardiography Comes to the Rescue. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, e6-e8.	1.3	5
24	B-type natriuretic peptide as prognostic marker in tetralogy of Fallot surgery. <i>Asian Cardiovascular and Thoracic Annals</i> , 2015, 23, 146-152.	0.5	4
25	Anticoagulation during ECMO: Will the Tight Rope be Tighter in 2018?. <i>Journal of Cardiac Critical Care TSS</i> , 2017, 01, 55-56.	0.1	4
26	Anesthetic Challenges in Minimally Invasive Cardiac Surgery. <i>Journal of Cardiac Critical Care TSS</i> , 2019, 03, 28-35.	0.1	4
27	Simulation in thromboelastography: Platelet mapping assay (Part - I). <i>Annals of Cardiac Anaesthesia</i> , 2016, 19, 530.	0.6	4
28	Guidelines of the Indian Association of Cardiovascular and Thoracic Anaesthesiologists and Indian College of Cardiac Anaesthesia for perioperative transesophageal echocardiography fellowship examination. <i>Annals of Cardiac Anaesthesia</i> , 2016, 19, 73.	0.6	4
29	Effects of combined conventional ultrafiltration and a simplified modified ultrafiltration in adult cardiac surgery. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 23, 116-124.	0.6	3
30	Perioperative Endothelin Levels in Patients Undergoing Intracardiac Repair for Tetralogy of Fallot. <i>Journal of Cardiac Surgery</i> , 2014, 29, 670-677.	0.7	3
31	Effect of goal-directed therapy on post-operative neutrophil gelatinase-associated lipocalin profile in patients undergoing on-pump coronary artery surgery. <i>Indian Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 35, 445-452.	0.6	3
32	Utility of Platelet Function Tests: A Recent Review Round Up. <i>Journal of Cardiac Critical Care TSS</i> , 2019, 03, 24-27.	0.1	3
33	Bidirectional Glenn with interruption of antegrade pulmonary blood flow: Which is the preferred option: Ligation or division of the pulmonary artery?. <i>Annals of Cardiac Anaesthesia</i> , 2016, 19, 561.	0.6	3
34	Goldenhar syndrome: Cardiac anesthesiologist's perspective. <i>Annals of Cardiac Anaesthesia</i> , 2017, 20, 61.	0.6	3
35	Exponential growth of transesophageal echocardiography in India in the last decade: Contribution of Indian association of cardiovascular thoracic anesthesiologists. <i>Annals of Cardiac Anaesthesia</i> , 2014, 17, 263.	0.6	2
36	An Alternative Technique of Coronary Button Implantation in Patients Undergoing Modified Bentall's Procedure. <i>Journal of Cardiac Critical Care TSS</i> , 2017, 01, 051-054.	0.1	2

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37	Reexploration Can Be Deterred by Point-of-Care Testing in Cardiac Surgery Patient. Journal of Cardiac Critical Care TSS, 2017, 01, 048-050.	0.1	2
38	Women in COVID-19 Pandemic: Influential Leadership is the Need of the Hour. Indian Journal of Cardiovascular Disease in Women WINCARS, 2020, 5, 271-273.	0.1	2
39	Comment on a published article: The VL3 videolaryngoscope for tracheal intubation in adults: A prospective pilot study. Saudi Journal of Anaesthesia, 2021, 15, 80.	0.7	2
40	Relationship between perioperative left atrial appendage doppler velocity estimates and new-onset atrial fibrillation in patients undergoing coronary artery bypass graft surgery with cardiopulmonary bypass. Annals of Cardiac Anaesthesia, 2017, 20, 403.	0.6	2
41	Challenges in Multivalvular Heart Disease: Indian Scenario. Journal of Cardiac Critical Care TSS, 2017, 01, 015-020.	0.1	2
42	Patient Blood Management in Cardiac Surgery and ECMO: The Indian Scenario in 2021. Journal of Cardiac Critical Care TSS, 2021, 05, 181-183.	0.1	2
43	Comparison the Effect of Etomidate vs. Thiopentone on Left Ventricular Strain and Strain Rate at the Time of Anesthesia Induction in Patients Undergoing Elective Coronary Artery Bypass Surgery: A Randomized Double Blind Controlled Trial. Journal of Cardiac Critical Care TSS, 2021, 05, 201-207.	0.1	2
44	Perfusion Strategies for Bivalirudin Anticoagulation: AIIMS Protocol. Journal of Cardiac Critical Care TSS, 2022, 06, 054-058.	0.1	2
45	Pulmonary vein stenosis in a child with ventricular septal defect. Asian Cardiovascular and Thoracic Annals, 2014, 22, 1130-1131.	0.5	1
46	Evolutionary change: The new face of Annals of Cardiac Anesthesia. Annals of Cardiac Anaesthesia, 2015, 18, 1.	0.6	1
47	Bidirectional Glenn on cardiopulmonary bypass: A comparison of three techniques. Journal of Cardiac Surgery, 2017, 32, 303-309.	0.7	1
48	Effect of heparin and Bivalirudin on the kinetics of clot formation: Viscoelastic coagulation testing. Annals of Cardiac Anaesthesia, 2017, 20, 122.	0.6	1
49	Intracardiac Repair of the Tetralogy of Fallot Using Trans-right Atrial and Transpulmonary Approach: A Video Presentation. Journal of Cardiac Critical Care TSS, 2018, 02, 091-092.	0.1	1
50	Is Resilience in COVID-19, Its Lasting Legacy?. Journal of Cardiac Critical Care TSS, 2020, 4, 073-074.	0.1	1
51	Simulation-based transthoracic echocardiography: "An anesthesiologist's perspective". Annals of Cardiac Anaesthesia, 2016, 19, 511.	0.6	1
52	Role of MicroRNA in cardiac anesthesia: An innovative consequences and new possibility. Annals of Cardiac Anaesthesia, 2017, 20, 274.	0.6	1
53	Does Intraoperative Diuretic Therapy Affect the Thoracic Fluid Content and Clinical Outcome in Patients Undergoing Mitral Valve Surgery?. Journal of Cardiac Critical Care TSS, 2020, 4, 086-090.	0.1	1
54	Platelet Function Test in Coronary Artery Bypass Grafting: Does It Predict Postoperative Bleeding?. Journal of Cardiac Critical Care TSS, 2021, 05, 186-195.	0.1	1

#	ARTICLE	IF	CITATIONS
55	Critical Care Nutrition Support following Cardiac Surgery in the Pediatric and Adult Populationâ€™A Review Article. Journal of Cardiac Critical Care TSS, 2022, 06, 043-047.	0.1	1
56	From cardio pulmonary bypass to ECMO, mechanical assist devices, quality control and decrease in 30 day mortality in cardiac anaesthesia - are we nearer our goal?. Annals of Cardiac Anaesthesia, 2015, 18, 129.	0.6	0
57	Thromboelastography in Venovenous Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome. Journal of Cardiac Critical Care TSS, 2017, 01, 101-104.	0.1	0
58	Vision of Journal of Cardiac Critical Care. Journal of Cardiac Critical Care TSS, 2017, 01, 001-002.	0.1	0
59	Congenital Cyanotic Cardiac Surgery in Children: Is Algorithm-Based Point-of-Care Testing Essential to Prevent Bleeding?. Journal of Cardiac Critical Care TSS, 2018, 02, 084-090.	0.1	0
60	Anaphylaxis-Induced Atrial Fibrillation and Anesthesia: Are We Missing Something?. Journal of Cardiac Critical Care TSS, 2019, 03, 51-52.	0.1	0
61	Simulation on Extracorporeal Membrane Oxygenation. Journal of Cardiac Critical Care TSS, 2019, 3, 055-058.	0.1	0
62	Is TEE a Game Changer in Aortic Prosthetic Paravalvular Leak?. Journal of Cardiac Critical Care TSS, 2019, 03, 42-44.	0.1	0
63	New Technologies in Cardiac Critical Care Social Economic Challenges: A Reality Check. Journal of Cardiac Critical Care TSS, 2019, , .	0.1	0
64	Redo Bentallâ€™s Procedure for Annuloaortic Ectasia with Severe Aortic Regurgitation: A Video Presentation. Journal of Cardiac Critical Care TSS, 2019, 03, 39-41.	0.1	0
65	Transpulmonary Closure of Giant Persistent Ductus Arteriosus under Cardiopulmonary Bypass and Normothermic Cardioplegia. Journal of Cardiac Critical Care TSS, 2019, 03, 36-38.	0.1	0
66	Algorithm-Based Platelet Function Tests: A Need or a Greed?. Journal of Cardiac Critical Care TSS, 2019, 03, 05-07.	0.1	0
67	Dacron Patch Closure of Ventricular Septal Defect with Concomitant Aortic Valve Replacement using a Mechanical Prosthesis: A Video Presentation. Journal of Cardiac Critical Care TSS, 2019, 3, 099-100.	0.1	0
68	Redo Mitral Valve Replacement using a St. Jude Medical Mechanical Prosthesis in a Patient with Thrombosed Mitral Prosthesis: A Video Presentation. Journal of Cardiac Critical Care TSS, 2019, 3, 097-098.	0.1	0
69	Anesthesia Concerns in Child with Takayasu Arteritis for Catheterization Laboratory Intervention. Journal of Cardiac Critical Care TSS, 2019, 03, 49-50.	0.1	0
70	Cardiac Echocardiography in COVID-19 Infection. Journal of Cardiac Critical Care TSS, 2020, 04, 56-60.	0.1	0
71	Aneurysmectomy for Crawfordâ€™s Type-I Thoracoabdominal Aortic Aneurysm using Gelatin Impregnated Woven Vascular Prosthesis under Mild Hypothermic Extracorporeal Circulation: A Video Presentation. Journal of Cardiac Critical Care TSS, 2020, 4, 136-139.	0.1	0
72	Successful One and One-half Ventricular Circulation with Bioprosthetic Tricuspid Valve Replacement and Total Chordal Preservation in a Patient with Ebsteinâ€™s Anomaly: A Video Presentation. Journal of Cardiac Critical Care TSS, 2021, 5, 147-150.	0.1	0

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73	Redo Aortic and Mitral Valve Replacement using St. Jude Medical Mechanical Prosthesis in a Patient with Degenerated Mitral Bioprosthesis and Severe Aortic Regurgitation: A Video Presentation. Journal of Cardiac Critical Care TSS, 2021, 5, 151-153.	0.1	0
74	From Editor's Desk: Ardous journey from IACTA education and research cell to Indian College of Cardiac Anaesthesia. Annals of Cardiac Anaesthesia, 2015, 18, 461.	0.6	0
75	Successful surgical osteoplasty of the left main coronary artery with concomitant mitral valve replacement and tricuspid annuloplasty. Annals of Cardiac Anaesthesia, 2017, 20, 444.	0.6	0
76	Pulmonary valve reconstruction during conduit revision: Technique and transesophageal echocardiography imaging. Annals of Cardiac Anaesthesia, 2017, 20, 442.	0.6	0
77	Right-to-left shunting through the unidirectional valved patch after closure of ventricular septal defect. Annals of Cardiac Anaesthesia, 2017, 20, 243.	0.6	0
78	Unexpected COVID-19 Infection during Immediate Postoperative Period: A Call for Concern. Journal of Cardiac Critical Care TSS, 2020, 4, 165-166.	0.1	0
79	Technical Details of Aortic Valve Replacement using Carpentier's Edwards PERIMOUNT Magna Ease Aortic Bioprosthesis in a Sexagenarian Patient with Severe Calcific Aortic Stenosis: A Video Presentation. Journal of Cardiac Critical Care TSS, 2020, 4, 132-135.	0.1	0
80	Anaesthesia Challenges during Sternal Wound Debridement. Journal of Cardiac Critical Care TSS, 2021, 05, 238-241.	0.1	0
81	Noninvasive Bioreactance-Based Fluid Management Monitoring: A Review of Literature. Journal of Cardiac Critical Care TSS, 2021, 05, 222-228.	0.1	0
82	Transesophageal Echocardiography in Bentall Surgery: Hope or Hype?. Journal of Cardiac Critical Care TSS, 2021, 05, 257-262.	0.1	0
83	Periprocedural Management during Therapeutic Cardiac Catheterization in Patients with Sleep Apnea Syndrome: Report of Three Cases and Review of Literature. Journal of Cardiac Critical Care TSS, 2022, 06, 048-053.	0.1	0
84	Nutrition Aggrandizement while on ECMO. Journal of Cardiac Critical Care TSS, 2022, 06, 001-004.	0.1	0
85	Patient Prosthesis Mismatch. Journal of Cardiac Critical Care TSS, 2022, 06, 069-077.	0.1	0