Louise Coats

List of Publications by Year
in descending order

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51 papers	2,926 citations	257450 24 h-index	243625 44 g-index
55 all docs	55 docs citations	55 times ranked	1693 citing authors

#	Article	IF	Citations
1	Percutaneous Pulmonary Valve Implantation in Humans. Circulation, 2005, 112, 1189-1197.	1.6	440
2	Percutaneous Pulmonary Valve Implantation. Circulation, 2008, 117, 1964-1972.	1.6	436
3	Biventricular Response After Pulmonary Valve Replacement for Right Ventricular Outflow Tract Dysfunction. Circulation, 2008, 118, S182-90.	1.6	273
4	Percutaneous Pulmonary Valve Implantation Based on Rapid Prototyping of Right Ventricular Outflow Tract and Pulmonary Trunk from MR Data. Radiology, 2007, 242, 490-497.	7.3	214
5	Risk Stratification, Systematic Classification, and Anticipatory Management Strategies for Stent Fracture After Percutaneous Pulmonary Valve Implantation. Circulation, 2007, 115, 1392-1397.	1.6	183
6	Variations in Right Ventricular Outflow Tract Morphology Following Repair of Congenital Heart Disease: Implications for Percutaneous Pulmonary Valve Implantation. Journal of Cardiovascular Magnetic Resonance, 2007, 9, 687-695.	3.3	173
7	Physiological and Clinical Consequences of Relief of Right Ventricular Outflow Tract Obstruction Late After Repair of Congenital Heart Defects. Circulation, 2006, 113, 2037-2044.	1.6	144
8	Physiological consequences of percutaneous pulmonary valve implantation: the different behaviour of volume- and pressure-overloaded ventricles. European Heart Journal, 2007, 28, 1886-1893.	2.2	129
9	First-in-man implantation of a novel percutaneous valve: a new approach to medical device development. EuroIntervention, 2010, 5, 745-750.	3.2	117
10	Percutaneous pulmonary valve-in-valve implantation: a successful treatment concept for early device failure. European Heart Journal, 2008, 29, 810-815.	2.2	96
11	The potential impact of percutaneous pulmonary valve stent implantation on right ventricular outflow tract re-intervention. European Journal of Cardio-thoracic Surgery, 2005, 27, 536-543.	1.4	75
12	Finite Element Analysis of Stent Deployment: Understanding Stent Fracture in Percutaneous Pulmonary Valve Implantation. Journal of Interventional Cardiology, 2007, 20, 546-554.	1.2	62
13	Transcatheter Right Ventricular Outflow Tract Intervention. Circulation, 2006, 113, e934-5.	1.6	61
14	Right ventricular outflow tract reconstruction for pulmonary regurgitation after repair of tetralogy of Fallot. Preliminary results. European Journal of Cardio-thoracic Surgery, 2007, 31, 654-658.	1.4	60
15	The single-ventricle patient population: a current and future concern a population-based study in the North of England. Heart, 2014, 100, 1348-1353.	2.9	54
16	Off-pump replacement of the pulmonary valve in large right ventricular outflow tracts: A hybrid approach. Journal of Thoracic and Cardiovascular Surgery, 2005, 129, 831-837.	0.8	45
17	Effective transcatheter valve implantation after pulmonary homograft failure: A new perspective on the Ross operation. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 84-88.	0.8	39
18	Electrical Remodeling Following Percutaneous Pulmonary Valve Implantation. American Journal of Cardiology, 2011, 107, 309-314.	1.6	37

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19	Transplantation in the single ventricle population. Annals of Cardiothoracic Surgery, 2018, 7, 152-159.	1.7	34
20	Current Experience with Percutaneous Pulmonary Valve Implantation. Seminars in Thoracic and Cardiovascular Surgery, 2006, 18, 122-125.	0.6	33
21	Retrospective UK multicentre study of the pregnancy outcomes of women with a Fontan repair. Heart, 2018, 104, 401-406.	2.9	31
22	Outcome following heart transplant assessment in adults with congenital heart disease. Heart, 2019, 105, 1741-1747.	2.9	31
23	Immediate clinical and haemodynamic benefits of restoration of pulmonary valvar competence in patients with pulmonary hypertension. Heart, 2008, 95, 646-650.	2.9	26
24	NEW PERCUTANEOUS TREATMENTS FOR VALVE DISEASE. Heart, 2007, 93, 639-644.	2.9	25
25	Experimental Setup to Evaluate the Performance of Percutaneous Pulmonary Valved Stent in Different Outflow Tract Morphologies. Artificial Organs, 2009, 33, 46-53.	1.9	16
26	4D flow MRI assessment of right atrial flow patterns in the normal heart â€“ influence of caval vein arrangement and implications for the patent foramen ovale. PLoS ONE, 2017, 12, e0173046.	2.5	16
27	Combined heartâ€“liver transplantation for failing Fontan circulation in a late survivor with singleâ€ventricle physiology. ESC Heart Failure, 2017, 4, 675-678.	3.1	10
28	Double outlet right atrium with coexisting double inlet left ventricle and concordant ventriculoarterial connections: a fascinating variant of the Holmes heart. Cardiology in the Young, 2010, 20, 587-589.	0.8	8
29	Improving outcomes for transplantation in failing Fontanâ€”what is the next target?. JTCVS Open, 2021, 8, 565-573.	0.5	8
30	The role of flow rotation in the adult right atrium: a 4D flow cardiovascular magnetic resonance study. Physiological Measurement, 2020, 41, 035007.	2.1	7
31	Mortality Risk Stratification in Small Patient Cohorts: The Post-Fontan Heart Transplantation Paradigm. American Journal of Cardiology, 2018, 122, 182-183.	1.6	6
32	Cardiogenic Shock in Women. Interventional Cardiology Clinics, 2012, 1, 231-243.	0.4	5
33	Contemporary Ross procedure outcomes: medium- to long-term results in 214 patients. European Journal of Cardio-thoracic Surgery, 2021, 60, 1112-1121.	1.4	5
34	Ventricular assist devices in transposition and failing systemic right ventricle: role of tricuspid valve replacement. European Journal of Cardio-thoracic Surgery, 2022, 62, .	1.4	5
35	A 4D flow cardiovascular magnetic resonance study of flow asymmetry and haemodynamic quantity correlations in the pulmonary artery. Physiological Measurement, 2021, 42, 025005.	2.1	4
36	Study design and rationale of the pAtients pResenTing with cOngenital heaRt dIseAse Register (ARTORIAâ€R). ESC Heart Failure, 2021, 8, 5542-5550.	3.1	4

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37	Ambulatory Care in Adult Congenital Heart Diseaseâ€"Time for Change?. Journal of Clinical Medicine, 2022, 11, 2058.	2.4	3
38	An unusual appearance of the right ventricle following replacement of the pulmonary valve. Cardiology in the Young, 2006, 16, 403.	0.8	2
39	120â€...Platydeoxia Orthopnoea â€" Revisiting a Rare Clinical Phenomenon with a Novel Imaging Modality. Heart, 2014, 100, A69.1-A69.	2.9	2
40	Fontan conversion is a dated approach to the failing Fontan. Heart, 2016, 102, 1692-1692.	2.9	2
41	Gender differences in the assessment, decision making and outcomes for ventricular assist devices and heart transplantation: An analysis from a UK transplant centre. Clinical Transplantation, 2022, , e14666.	1.6	2
42	Defining the role of liver biopsy in the assessment of liver fibrosis in patients with Fontan circulation. Human Pathology, 2017, 69, 140.	2.0	1
43	Leg pains in CHD: a distressing symptom of a wider problem. Cardiology in the Young, 2018, 28, 1099-1104.	0.8	1
44	Commentary: Shunting Between the Left Ventricle and Right Atrium Can Be Produced by Straddling Tricuspid Valve With Dual Orifices. Seminars in Thoracic and Cardiovascular Surgery, 2020, 32, 143-144.	0.6	1
45	Variations in right atrial flow patterns in the normal heart a potential contributor to cryptogenic stroke in the setting of patent foramen ovale. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P28.	3.3	0
46	P711Ventricular assist devices for failing systemic right ventricle in adults with prior atrial switch procedure and congenitally corrected transposition of the great arteries:responders vs non responders. European Heart Journal, 2018, 39, .	2.2	0
47	Thoracic Organ Transplantation in Patients With Congenitally Corrected Transposition of the Great Arteries. Journal of Heart and Lung Transplantation, 2018, 37, S434.	0.6	0
48	Outcome for children following admission to hospital with a first episode of heart failure, due to heart muscle disease, in the ventricular assist device (VAD) era. Cardiology in the Young, 2019, 29, 888-892.	0.8	0
49	Anatomical Details Should Accompany Studies of Hypoplastic Left Heart Syndrome. Pediatric Cardiology, 2019, 40, 1101-1102.	1.3	0
50	Tissue oxygen saturation assessment of microvascular perfusion in adults with Fontan palliation and comparator groups using vascular optical spectrophotometry: a pilot study. Physiological Measurement, 2019, 40, 06NT01.	2.1	0
51	BS6â€...Coherent vortex flow in the adult right atrium. , 2021, , .		0