

Aimee K Armstrong

List of Publications by Year in descending order

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53
papers

1,379
citations

331670

21
h-index

361022

35
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all docs

53
docs citations

53
times ranked

1227
citing authors

#	ARTICLE	IF	CITATIONS
1	Personalized Pre- and Post-Operative Hemodynamic Assessment of Aortic Coarctation from 3D Rotational Angiography. <i>Cardiovascular Engineering and Technology</i> , 2022, 13, 14-40.	1.6	2
2	Variation in Advanced Diagnostic Imaging Practice Patterns and Associated Risks Prior to Superior Cavopulmonary Connection: A Multicenter Analysis. <i>Pediatric Cardiology</i> , 2022, 43, 497-507.	1.3	2
3	Tissue engineered vascular grafts transform into autologous neovessels capable of native function and growth. <i>Communications Medicine</i> , 2022, 2, .	4.2	18
4	Reintervention and Survival After Transcatheter Pulmonary Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2022, 79, 18-32.	2.8	32
5	Cardiac Magnetic Resonance to Predict Coronary Artery Compression in Transcatheter Pulmonary Valve Implantation Into Conduits. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 979-988.	2.9	8
6	Procedural Characteristics and Outcomes of Transcatheter Interventions for Aortic Coarctation: A Report From the IMPACT Registry. , 2022, 1, 100393.		2
7	Percutaneous Implantation of Adult Sized Stents for Coarctation of the Aorta in Children >20 kg. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e009399.	3.9	15
8	Use of rotational angiography in congenital cardiac catheterisations to generate three-dimensional-printed models. <i>Cardiology in the Young</i> , 2021, 31, 1407-1411.	0.8	6
9	Comparison of the investigational device exemption and post-approval trials of the Melody transcatheter pulmonary valve. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E262-E274.	1.7	5
10	Multicenter Study of Endocarditis After Transcatheter Pulmonary Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2021, 78, 575-589.	2.8	45
11	Implantable pulmonary artery pressure monitoring device in patients with palliated congenital heart disease: Technical considerations and procedural outcomes. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 270-279.	1.7	13
12	Use of 3D rotational angiography to perform computational fluid dynamics and virtual interventions in aortic coarctation. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 294-299.	1.7	15
13	Development of Tissue Engineered Heart Valves for Percutaneous Transcatheter Delivery in a Fetal Ovine Model. <i>JACC Basic To Translational Science</i> , 2020, 5, 815-828.	4.1	14
14	Longitudinal Improvements in Radiation Exposure in Cardiac Catheterization for Congenital Heart Disease. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008172.	3.9	19
15	Personalized Interventions: A Reality in the Next 20 Years or Pie in the Sky. <i>Pediatric Cardiology</i> , 2020, 41, 486-502.	1.3	3
16	Procedural, pregnancy, and short-term outcomes after fetal aortic valvuloplasty. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 626-632.	1.7	19
17	Fetal Cardiac Intervention for Pulmonary Atresia with Intact Ventricular Septum: International Fetal Cardiac Intervention Registry. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 731-739.	1.4	13
18	Adverse Events, Radiation Exposure, and Reinterventions Following Transcatheter Pulmonary Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2020, 75, 363-376.	2.8	23

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19	Amplatzer Piccolo Occluder clinical trial for percutaneous closure of the patent ductus arteriosus in patients ≤ 700 grams. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 1266-1276.	1.7	92
20	Don't Throw the Infant Out With the Bathwater. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e010139.	3.9	0
21	Association between patient age at implant and outcomes after transcatheter pulmonary valve replacement in the multicenter Melody valve trials. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 607-617.	1.7	28
22	Use of the Gore Viabahn VBX balloon-expandable endoprosthesis in the congenital heart disease population. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 416-421.	1.7	2
23	Follow-up after Percutaneous Patent Ductus Arteriosus Occlusion in Lower Weight Infants. <i>Journal of Pediatrics</i> , 2019, 212, 144-150.e3.	1.8	15
24	Three-dimensional rotational angiography in congenital heart disease: Present status and evolving future. <i>Congenital Heart Disease</i> , 2019, 14, 1046-1057.	0.2	14
25	Leaflet morphology classification of the Melody Transcatheter Pulmonary Valve. <i>Congenital Heart Disease</i> , 2019, 14, 297-304.	0.2	2
26	Radiation Risk Categories in Cardiac Catheterization for Congenital Heart Disease: A Tool to Aid in the Evaluation of Radiation Outcomes. <i>Pediatric Cardiology</i> , 2019, 40, 445-453.	1.3	14
27	Pulmonary Vein Stenosis in Infants: A Systematic Review, Meta-Analysis, and Meta-Regression. <i>Journal of Pediatrics</i> , 2018, 198, 36-45.e3.	1.8	38
28	Long-Term Outcomes After Surgical Pulmonary Arterioplasty and Risk Factors for Reintervention. <i>Annals of Thoracic Surgery</i> , 2018, 105, 622-628.	1.3	23
29	Urgent hybrid palliation for interrupted aortic arch in a preterm infant. <i>Cardiology in the Young</i> , 2018, 28, 344-346.	0.8	1
30	Endocarditis After Transcatheter Pulmonary Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2717-2728.	2.8	101
31	3-Year Outcomes of the Edwards SAPIEN Transcatheter Heart Valve for Conduit Failure in the Pulmonary Position From the COMPASSION Multicenter Clinical Trial. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1920-1929.	2.9	82
32	Single Ventricle and Total Anomalous Pulmonary Venous Connection: Implications of Prenatal Diagnosis. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2018, 9, 434-439.	0.8	16
33	Echocardiographic diagnosis of atrial flutter in a neonate. <i>Echocardiography</i> , 2018, 35, 1439-1441.	0.9	1
34	Radiation dose benchmarks in pediatric cardiac catheterization: A prospective multicenter C3PO-QI study. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 269-280.	1.7	45
35	Prediction of adverse events after catheter-based procedures in adolescents and adults with congenital heart disease in the IMPACT registry. <i>European Heart Journal</i> , 2017, 38, 2070-2077.	2.2	22
36	Twenty years of experience with intraoperative pulmonary artery stenting. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 398-406.	1.7	7

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37	Radiation Safety in Children With Congenital and Acquired Heart Disease. JACC: Cardiovascular Imaging, 2017, 10, 797-818.	5.3	78
38	Multicenter Experience Evaluating Transcatheter Pulmonary Valve Replacement in Bovine Jugular Vein (Contegra) Right Ventricle to Pulmonary Artery Conduits. Circulation: Cardiovascular Interventions, 2017, 10, .	3.9	27
39	Transcatheter Occlusion of the Patent Ductus Arteriosus in 747 Infants ≤ 6 kg. JACC: Cardiovascular Interventions, 2017, 10, 1729-1737.	2.9	43
40	Relationships Among Conduit Type, Pre-Stenting, and Outcomes in Patients Undergoing Transcatheter Pulmonary Valve Replacement in the Prospective North American and European Melody Valve Trials. JACC: Cardiovascular Interventions, 2017, 10, 1746-1759.	2.9	68
41	Acute and Midterm Outcomes of Transcatheter Pulmonary Valve Replacement for Treatment of Dysfunctional Left Ventricular Outflow Tract Conduits in Patients With Aortopulmonary Transposition and a Systemic Right Ventricle. Circulation: Cardiovascular Interventions, 2017, 10, .	3.9	7
42	Acute Success of Balloon Aortic Valvuloplasty in the Current Era. JACC: Cardiovascular Interventions, 2017, 10, 1717-1726.	2.9	48
43	Hypoplastic Left Heart Syndrome With Intact or Restrictive Atrial Septum. Circulation, 2017, 136, 1346-1349.	1.6	58
44	Long-Term Outcomes of Balloon Valvuloplasty for Isolated Pulmonary Valve Stenosis. Pediatric Cardiology, 2017, 38, 247-254.	1.3	37
45	Adverse outcome of coarctation stenting in patients with Turner syndrome. Catheterization and Cardiovascular Interventions, 2017, 89, 280-287.	1.7	16
46	Contained rupture of patched right ventricular outflow tracts during balloon sizing for percutaneous pulmonary valve implantation. Catheterization and Cardiovascular Interventions, 2016, 87, 768-772.	1.7	1
47	Transcatheter Pulmonary Valve Replacement Reduces Tricuspid Regurgitation in Patients With Right Ventricular Volume/Pressure Overload. Journal of the American College of Cardiology, 2016, 68, 1525-1535.	2.8	61
48	Implementation of Methodology for Quality Improvement in Pediatric Cardiac Catheterization: A Multi-center Initiative by the Congenital Cardiac Catheterization Project on Outcomes Quality Improvement (C3PO-QI). Pediatric Cardiology, 2016, 37, 1436-1445.	1.3	24
49	The Use and Outcomes of Small, Medium and Large Premounted Stents in Pediatric and Congenital Heart Disease. Pediatric Cardiology, 2016, 37, 1525-1533.	1.3	13
50	Recurrent Coarctation After Neonatal Univentricular and Biventricular Norwood-Type Arch Reconstruction. Annals of Thoracic Surgery, 2016, 102, 2087-2094.	1.3	9
51	Factors associated with the internal jugular venous approach for Melody, Transcatheter Pulmonary Valve implantation. Cardiology in the Young, 2016, 26, 948-956.	0.8	6
52	The Utility of Intracardiac Echocardiography Following Melody, Transcatheter Pulmonary Valve Implantation. Pediatric Cardiology, 2015, 36, 1754-1760.	1.3	19
53	One-Year Follow-Up of the Melody Transcatheter Pulmonary Valve Multicenter Post-Approval Study. JACC: Cardiovascular Interventions, 2014, 7, 1254-1262.	2.9	107