Chet R Villa

List of Publications by Year
in descending order

76 papers	1,355 citations	361296 20 h-index	395590 33 g-index
76 all docs	76 docs citations	76 times ranked	1672 citing authors

#	Article	IF	Citations
1	Relationship of ventricular assist device support duration with pediatric heart transplant outcomes. Journal of Heart and Lung Transplantation, 2022, 41, 61-69.	0.3	7
2	Diversity of Dystrophin Gene Mutations and Disease Progression in a Contemporary Cohort of Duchenne Muscular Dystrophy. Pediatric Cardiology, 2022, 43, 855-867.	0.6	5
3	Current Practices in Treating Cardiomyopathy and Heart Failure in Duchenne Muscular Dystrophy (DMD): Understanding Care Practices in Order to Optimize DMD Heart Failure Through ACTION. Pediatric Cardiology, 2022, 43, 977-985.	0.6	6
4	Mechanical support for the failing single ventricle after Fontan. JTCVS Techniques, 2022, 13, 174-181.	0.2	4
5	Decreased Risk of Strokes in Children with Ventricular Assist Devices Within ACTION. Pediatric Cardiology, 2022, 43, 1379-1382.	0.6	3
6	Abdominal CT and MRI Findings of Portal Hypertension in Children and Adults with Fontan Circulation. Radiology, 2022, 303, 557-565.	3.6	8
7	Heart Transplantation in Children With Down Syndrome. Journal of the American Heart Association, 2022, 11, e024883.	1.6	6
8	Comparing donor and recipient total cardiac volume predicts risk of short-term adverse outcomes following heart transplantation. Journal of Heart and Lung Transplantation, 2022, 41, 1581-1589.	0.3	5
9	Impact of mechanical circulatory support on pediatric heart transplant candidates with elevated pulmonary vascular resistance. Artificial Organs, 2021, 45, 29-37.	1.0	7
10	Commentary: Rejuvenation of a trusted tool. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 1466-1467.	0.4	0
11	A novel method of donorâ€'recipient size matching in pediatric heart transplantation: A total cardiac volumeâ€'predictive model. Journal of Heart and Lung Transplantation, 2021, 40, 158-165.	0.3	20
12	Current state of cardiac troponin testing in Duchenne muscular dystrophy cardiomyopathy: review and recommendations from the Parent Project Muscular Dystrophy expert panel. Open Heart, 2021, 8, e001592.	0.9	8
13	Response by Mital et al to Letter Regarding Article, â€œA Validated Model for Sudden Cardiac Death Risk Prediction in Pediatric Hypertrophic Cardiomyopathyâ€. Circulation, 2021, 143, e788-e789.	1.6	2
14	Hemodynamic Response to Device Titration in the Shunted Single Ventricle Circulation. ASAIO Journal, 2021, Publish Ahead of Print, .	0.9	0
15	Cardiac medication management in Duchenne muscular dystrophy. Pediatric Pulmonology, 2021, 56, 747-752.	1.0	4
16	Berlin Heart EXCOR and ACTION post-approval surveillance study report. Journal of Heart and Lung Transplantation, 2021, 40, 251-259.	0.3	40
17	3D Holographic Virtual Surgical Planning for a Single Right Ventricle Fontan Patient Needing Heartmate III Placement. ASAIO Journal, 2021, 67, e211-e215.	0.9	11
18	ISHLT consensus statement for the selection and management of pediatric and congenital heart disease patients on ventricular assist devices Endorsed by the American Heart Association. Journal of Heart and Lung Transplantation, 2021, 40, 709-732.	0.3	38

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19	Ventricular Assist Device Therapy in the Fontan Circulation. Pediatric Cardiac Surgery Annual, 2021, 24, 19-25.	0.5	4
20	Chronic Ventricular Assist Device Support in Adult Congenital Heart Disease Patients: A Childrenâ€™s Hospital Perspective. ASAIO Journal, 2021, 67, e216-e220.	0.9	4
21	Bridge to Heart-Liver Transplantation With a Ventricular Assist Device in the Fontan Circulation. Circulation: Heart Failure, 2021, 14, CIRCHEARTFAILURE120008018.	1.6	3
22	Investigation of de novo variation in pediatric cardiomyopathy. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2020, 184, 116-123.	0.7	10
23	Destination-Therapy Ventricular Assist Device in Children: â€œThe Future Is Nowâ€• Canadian Journal of Cardiology, 2020, 36, 216-222.	0.8	17
24	Commentary: The tortoise and the hare: Does speed matter in pediatric VAD therapy?. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 1528-1529.	0.4	0
25	Optimizing Postcardiac Transplantation Outcomes in Children with Ventricular Assist Devices: How Long Should the Bridge Be?. ASAIO Journal, 2020, 66, 787-795.	0.9	18
26	Left Ventricular Magnetic Resonance Imaging Strain Predicts the Onset of Duchenne Muscular Dystrophyâ€“Associated Cardiomyopathy. Circulation: Cardiovascular Imaging, 2020, 13, e011526.	1.3	13
27	The Creation of a Pediatric Health Care Learning Network: The ACTION Quality Improvement Collaborative. ASAIO Journal, 2020, 66, 441-446.	0.9	55
28	A Validated Model for Sudden Cardiac Death Risk Prediction in Pediatric Hypertrophic Cardiomyopathy. Circulation, 2020, 142, 217-229.	1.6	129
29	Implantable Cardioverter Defibrillator Use in Males with Duchenne Muscular Dystrophy and Severe Left Ventricular Dysfunction. Pediatric Cardiology, 2020, 41, 925-931.	0.6	5
30	Expanding the donor pool for congenital heart disease transplant candidates by implementing 3D imagingâ€derived total cardiac volumes. Pediatric Transplantation, 2020, 24, e13639.	0.5	13
31	Risk Factors for Cardiac and Non-cardiac Causes of Death in Males with Duchenne Muscular Dystrophy. Pediatric Cardiology, 2020, 41, 764-771.	0.6	22
32	The total artificial heart in patients with congenital heart disease. Annals of Cardiothoracic Surgery, 2020, 9, 89-97.	0.6	2
33	The total artificial heart in pediatrics: outcomes in an evolving field. Annals of Cardiothoracic Surgery, 2020, 9, 104-109.	0.6	11
34	Ventricular Assist Device Therapy and Fontan: A Story of Supply and Demand. Pediatric Cardiac Surgery Annual, 2020, 23, 62-68.	0.5	7
35	ABCs of Stroke Prevention. Circulation: Cardiovascular Quality and Outcomes, 2020, 13, e006663.	0.9	24
36	How small can you go? A 2.5-kg infant with pulmonary atresia and coronary atresia bridged to cardiac transplantation with a paracorporeal-continuous flow ventricular assist device. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, e67-e69.	0.4	9

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37	Costâ€utility of continuousâ€flow ventricular assist devices as bridge to transplant in pediatrics. Pediatric Transplantation, 2019, 23, e13576.	0.5	3
38	Profound Iron Deficiency Anemia and Irreversible Dilated Cardiomyopathy in a Child. Case Reports in Cardiology, 2019, 2019, 1-4.	0.1	2
39	Use of advanced heart failure therapies in Duchenne muscular dystrophy. Progress in Pediatric Cardiology, 2019, 53, 11-14.	0.2	11
40	Is there an optimal organ acceptance rate for pediatric heart transplantation: â€œA sweet spotâ€?. Pediatric Transplantation, 2018, 22, e13149.	0.5	10
41	If I only had a heart: The trials and tribulations of ventricular assist device support when missing a ventricle. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 746-747.	0.4	0
42	The Right Tool for the Right Job: Bridging a Failing Fontan to Transplant. Annals of Thoracic Surgery, 2018, 106, e145-e146.	0.7	6
43	Obesity class does not further stratify outcome in overweight and obese pediatric patients after heart transplantation. Pediatric Transplantation, 2018, 22, e13161.	0.5	9
44	Utilization of VADs in children with restrictive and hypertrophic cardiomyopathy: Are we there yet?. Progress in Pediatric Cardiology, 2018, 49, 47-49.	0.2	3
45	Heart failure after the Norwood procedure: An analysis of the Single Ventricle Reconstruction Trial. Journal of Heart and Lung Transplantation, 2018, 37, 879-885.	0.3	46
46	Inferior Transplant Outcomes of Adolescents and Young Adults Bridged with a Ventricular Assist Device. ASAIO Journal, 2018, 64, 295-300.	0.9	3
47	Outcomes of children supported with devices labeled as â€œtemporaryâ€•or short term: A report from the Pediatric Interagency Registry for Mechanical Circulatory Support. Journal of Heart and Lung Transplantation, 2018, 37, 54-60.	0.3	67
48	First Use of HeartMate 3 in a Failing Fontan Circulation. Annals of Thoracic Surgery, 2018, 106, e233-e234.	0.7	35
49	Transplant Outcomes for Congenital Heart Disease Patients Bridged With a Ventricular Assist Device. Annals of Thoracic Surgery, 2018, 106, 588-594.	0.7	25
50	Does Small Size Matter With ContinuousÂFlow Devices?. JACC: Heart Failure, 2017, 5, 123-131.	1.9	30
51	Strategies to Prevent Cast Formation in Patients with Plastic Bronchitis Undergoing Heart Transplantation. Pediatric Cardiology, 2017, 38, 1077-1079.	0.6	7
52	United States Trends in Pediatric Ventricular Assist Implantation as Bridge to Transplantation. ASAIO Journal, 2017, 63, 470-475.	0.9	34
53	Worldwide Experience with the Syncardia Total Artificial Heart in the Pediatric Population. ASAIO Journal, 2017, 63, 518-519.	0.9	23
54	The 50/50 cc Total Artificial Heart Trial: Extending the Benefits of the Total Artificial Heart to Underserved Populations. Pediatric Cardiac Surgery Annual, 2017, 20, 16-19.	0.5	29

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55	Ventricular assist device use in single ventricle congenital heart disease. Pediatric Transplantation, 2017, 21, e13031.	0.5	34
56	Pediatric ventricular assist device simulation: Constructing an in situ simulation training program to facilitate education and competency. Progress in Pediatric Cardiology, 2017, 47, 34-36.	0.2	2
57	Pediatric continuous-flow left ventricular assist devices: No longer just a bridge? The changing of a mindset!. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 1362-1363.	0.4	1
58	Elevated Myocardial Extracellular Volume Fraction in Duchenne Muscular Dystrophy. Pediatric Cardiology, 2017, 38, 1485-1492.	0.6	14
59	Optimizing surgical placement of the HeartWare ventricular assist device in children and adolescents by virtual implantation. Progress in Pediatric Cardiology, 2017, 47, 11-13.	0.2	5
60	The Total Artificial Heart in End-Stage Congenital Heart Disease. Frontiers in Physiology, 2017, 8, 131.	1.3	19
61	Favorable Waitlist and Posttransplant Outcomes in Children and Adolescent Patients Supported With Durable Continuous-Flow Ventricular Assist Devices. American Journal of Transplantation, 2016, 16, 2352-2359.	2.6	11
62	Ventricular Assist Devices in Pediatric Cardiac Intensive Care. Pediatric Critical Care Medicine, 2016, 17, S160-S170.	0.2	8
63	Identifying evidence of cardio-renal syndrome in patients with Duchenne muscular dystrophy using cystatin C. Neuromuscular Disorders, 2016, 26, 637-642.	0.3	22
64	Cardiac destination therapy in pediatrics â€“ Are we there yet?. Pediatric Transplantation, 2016, 20, 738-739.	0.5	3
65	Ambulatory Monitoring and Arrhythmic Outcomes in Pediatric and Adolescent Patients With Duchenne Muscular Dystrophy. Journal of the American Heart Association, 2016, 5, .	1.6	36
66	Initial Observations of the Effects of Calcium Chloride Infusions in Pediatric Patients with Low Cardiac Output. Pediatric Cardiology, 2016, 37, 610-617.	0.6	20
67	Myocardial Fibrosis Burden Predicts Left Ventricular Ejection Fraction and Is Associated With Age and Steroid Treatment Duration in Duchenne Muscular Dystrophy. Journal of the American Heart Association, 2015, 4, .	1.6	114
68	Dystrophin Genotypeâ€“Cardiac Phenotype Correlations in Duchenne and Becker Muscular Dystrophies Using Cardiac Magnetic Resonance Imaging. American Journal of Cardiology, 2015, 115, 967-971.	0.7	27
69	Left ventricular non-compaction cardiomyopathy associated with epidermolysis bullosa simplex with muscular dystrophy and PLEC1 mutation. Neuromuscular Disorders, 2015, 25, 165-168.	0.3	29
70	Response to: PLEC1 mutation associated with left ventricular hypertrabeculation/noncompaction. Neuromuscular Disorders, 2015, 25, 448-449.	0.3	2
71	Children Are Not Small Adults: Options for Pediatric Ventricular Assist Devices. Current Pediatrics Reports, 2015, 3, 245-254.	1.7	0
72	Assessment of fetal cardiomyopathy in early-stage twin-twin transfusion syndrome: comparison between commonly reported cardiovascular assessment scores. Ultrasound in Obstetrics and Gynecology, 2014, 43, 646-651.	0.9	22

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73	Surgical Device Therapy for Heart Failure in the Adult with Congenital Heart Disease. Heart Failure Clinics, 2014, 10, 197-206.	1.0	13
74	Percutaneous Recanalization of Occluded Brachiocephalic Veinâ€“Superior Vena Cava Connection After Resection of Mediastinal Mass. JACC: Cardiovascular Interventions, 2014, 7, e69-e70.	1.1	3
75	Intensive Care and Perioperative Management of Neonates With Functionally Univentricular Hearts. World Journal for Pediatric & Congenital Heart Surgery, 2012, 3, 359-363.	0.3	7
76	Reversal of amyloid-induced heart disease in desmin-related cardiomyopathy. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13592-13597.	3.3	100