Clifford L. Cua

List of Publications by Year in descending order

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times ranked

citing authors

docs citations

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#	Article	IF	Citations
1	Necrotizing enterocolitis in neonates undergoing the hybrid approach to complex congenital heart disease*. Pediatric Critical Care Medicine, 2011, 12, 46-51.	0.5	576
2	Hybrid Approach for Hypoplastic Left Heart Syndrome: Intermediate Results After the Learning Curve. Annals of Thoracic Surgery, 2008, 85, 2063-2071.	1.3	358
3	Missense Mutations in CRELD1 Are Associated with Cardiac Atrioventricular Septal Defects. American Journal of Human Genetics, 2003, 72, 1047-1052.	6.2	189
4	Hyperglycemia is a marker for poor outcome in the postoperative pediatric cardiac patient*. Pediatric Critical Care Medicine, 2006, 7, 351-355.	0.5	162
5	CRELD1 mutations contribute to the occurrence of cardiac atrioventricular septal defects in Down syndrome. American Journal of Medical Genetics, Part A, 2006, 140A, 2501-2505.	1.2	79
6	Early postoperative outcomes in a series of infants with hypoplastic left heart syndrome undergoing stage I palliation operation with either modified Blalock-Taussig shunt or right ventricle to pulmonary artery conduit*. Pediatric Critical Care Medicine, 2006, 7, 238-244.	0.5	78
7	Variation in folate pathway genes contributes to risk of congenital heart defects among individuals with Down syndrome. Genetic Epidemiology, 2010, 34, 613-623.	1.3	66
8	Two-Dimensional Speckle Strain and Dyssynchrony in Single Right Ventricles Versus Normal Right Ventricles. Journal of the American Society of Echocardiography, 2010, 23, 673-679.	2.8	65
9	Genetic Modifiers Predisposing to Congenital Heart Disease in the Sensitized Down Syndrome Population. Circulation: Cardiovascular Genetics, 2012, 5, 301-308.	5.1	60
10	Associations of Age and Sex With Marfan Phenotype. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	57
11	Angiotensin-Converting Enzyme DD Genotype and Cardiovascular Disease in Heterozygous Familial Hypercholesterolemia. Circulation, 1998, 97, 1780-1783.	1.6	55
12	Improved Interstage Mortality With the Modified Norwood Procedure: A Meta-Analysis. Annals of Thoracic Surgery, 2005, 80, 44-49.	1.3	53
13	Outcomes After Bidirectional Glenn Operation: Blalock-Taussig Shunt Versus Right Ventricle–to–Pulmonary Artery Conduit. Annals of Thoracic Surgery, 2007, 83, 1768-1773.	1.3	53
14	Myocardial Tissue Doppler Changes in Patients with Bronchopulmonary Dysplasia. Journal of Pediatrics, 2008, 152, 766-770.e1.	1.8	53
15	Pulmonary Vein Stenosis in Neonates with Severe Bronchopulmonary Dysplasia. American Journal of Perinatology, 2016, 33, 671-677.	1.4	49
16	Single-nucleotide polymorphism array genotyping is equivalent to metaphase cytogenetics for diagnosis of Turner syndrome. Genetics in Medicine, 2014, 16, 53-59.	2.4	46
17	Recent Advances in Placenta–Heart Interactions. Frontiers in Physiology, 2018, 9, 735.	2.8	46
18	Low weight as an independent risk factor for adverse events during cardiac catheterization of infants. Catheterization and Cardiovascular Interventions, 2013, 82, 786-794.	1.7	43

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19	Transcatheter Occlusion of the Patent Ductus Arteriosus in 747 InfantsÂ<6 kg. JACC: Cardiovascular Interventions, 2017, 10, 1729-1737.	2.9	43
20	Two-dimensional Speckle Strain and Dyssynchrony in Single Left Ventricles Vs. Normal Left Ventricles. Congenital Heart Disease, 2010, 5, 579-586.	0.2	41
21	Molecular genetics of atrioventricular septal defects. Current Opinion in Cardiology, 2004, 19, 205-210.	1.8	40
22	Differences in Tissue Doppler Imaging Between Single Ventricles After the Fontan Operation and Normal Controls. American Journal of Cardiology, 2010, 106, 99-103.	1.6	38
23	Pulmonary Vein Stenosis in Infants: A Systematic Review, Meta-Analysis, and Meta-Regression. Journal of Pediatrics, 2018, 198, 36-45.e3.	1.8	38
24	Cilia gene mutations cause atrioventricular septal defects by multiple mechanisms. Human Molecular Genetics, 2016, 25, ddw155.	2.9	37
25	Down syndrome patients with pulmonary hypertension have elevated plasma levels of asymmetric dimethylarginine. European Journal of Pediatrics, 2011, 170, 859-863.	2.7	36
26	Increased calcium supplementation is associated with morbidity and mortality in the infant postoperative cardiac patient*. Pediatric Critical Care Medicine, 2007, 8, 254-257.	0.5	31
27	Noninvasive Estimation of Ventricular Filling Pressures in Patients with Single Right Ventricles. Journal of the American Society of Echocardiography, 2013, 26, 1330-1336.	2.8	29
28	A Comparison of the Vasotrac with Invasive Arterial Blood Pressure Monitoring in Children After Pediatric Cardiac Surgery. Anesthesia and Analgesia, 2005, 100, 1289-1294.	2.2	28
29	Genome-Wide Association Study of Down Syndrome-Associated Atrioventricular Septal Defects. G3: Genes, Genomes, Genetics, 2015, 5, 1961-1971.	1.8	28
30	Use of Electronic Health Record Integration for Down Syndrome Guidelines. Pediatrics, 2018, 142, .	2.1	28
31	Decreased Right Ventricular Function in Healthy Pediatric Cystic Fibrosis Patients Versus Non-Cystic Fibrosis Patients. Pediatric Cardiology, 2013, 34, 159-164.	1.3	27
32	Early prediction of spontaneous Patent Ductus Arteriosus (PDA) closure and PDA-associated outcomes: a prospective cohort investigation. BMC Pediatrics, 2019, 19, 333.	1.7	26
33	Associations Between Medical History, Cognition, and Behavior in Youth With Down Syndrome: A Report From the Down Syndrome Cognition Project. American Journal on Intellectual and Developmental Disabilities, 2018, 123, 514-528.	1.6	25
34	Interstage Echocardiographic Changes in Patients Undergoing Hybrid Stage I Palliation for Hypoplastic Left Heart Syndrome. Journal of the American Society of Echocardiography, 2008, 21, 1222-1228.	2.8	24
35	Caregiver Anxiety upon Discharge for Neonates with Congenital Heart Disease. Congenital Heart Disease, 2012, 7, 41-45.	0.2	24
36	Contribution of copy-number variation to Down syndrome–associated atrioventricular septal defects. Genetics in Medicine, 2015, 17, 554-560.	2.4	24

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37	The genetic basis of Turner syndrome aortopathy. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2019, 181, 101-109.	1.6	24
38	Echocardiographic Evaluation of the Single Right Ventricle in Congenital Heart Disease. Circulation Journal, 2012, 76, 22-31.	1.6	22
39	QRS Duration and Mechanical Dyssynchrony Correlations with Right Ventricular Function after Fontan Procedure. Journal of the American Society of Echocardiography, 2013, 26, 154-159.	2.8	22
40	Initial Counseling Prior to Palliation for Hypoplastic Left Heart Syndrome. Congenital Heart Disease, 2011, 6, 347-358.	0.2	20
41	Interstage Weight Gain for Patients with Hypoplastic Left Heart Syndrome Undergoing the Hybrid Procedure. Congenital Heart Disease, 2013, 8, 228-233.	0.2	20
42	Anxiety Scores in Caregivers of Children with Hypoplastic Left Heart Syndrome. Congenital Heart Disease, 2016, 11, 727-732.	0.2	20
43	Palliation via Hybrid Procedure of a 1.4-kg Patient with a Hypoplastic Left Heart. Congenital Heart Disease, 2007, 2, 191-193.	0.2	18
44	Hybrid Palliation: Outcomes After the Comprehensive Stage 2 Procedure. Annals of Thoracic Surgery, 2018, 105, 1455-1460.	1.3	18
45	Percutaneous Closure of the Patent Ductus Arteriosus in Very Low Weight Infants: Considerations Following US Food and Drug Administration Approval of a Novel Device. Journal of Pediatrics, 2019, 213, 218-221.	1.8	17
46	Pulmonary Arteriovenous Malformations and Risk of Stroke. Cardiology Clinics, 2016, 34, 241-246.	2.2	16
47	Mid-term differences in right ventricular function in patients with congenital diaphragmatic hernia compared with controls. World Journal of Pediatrics, 2012, 8, 350-354.	1.8	15
48	Follow-up after Percutaneous Patent Ductus Arteriosus Occlusion in Lower Weight Infants. Journal of Pediatrics, 2019, 212, 144-150.e3.	1.8	15
49	CRELD2: Gene mapping, alternate splicing, and comparative genomic identification of the promoter region. Gene, 2006, 382, 111-120.	2.2	14
50	Specific association of missense mutations in <i>CRELD1</i> with cardiac atrioventricular septal defects in heterotaxy syndrome. American Journal of Medical Genetics, Part A, 2012, 158A, 2047-2049.	1.2	14
51	Identifying genetic factors that contribute to the increased risk of congenital heart defects in infants with Down syndrome. Scientific Reports, 2020, 10, 18051.	3.3	14
52	Results of a Feeding Protocol in Patients Undergoing the Hybrid Procedure. Pediatric Cardiology, 2016, 37, 852-859.	1.3	13
53	Interstage Survival for Patients with Hypoplastic Left Heart Syndrome After ECMO. Pediatric Cardiology, 2017, 38, 50-55.	1.3	13
54	Analysis of Copy Number Variants on Chromosome 21 in Down Syndrome-Associated Congenital Heart Defects. G3: Genes, Genomes, Genetics, 2018, 8, 105-111.	1.8	13

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55	Allelic Interaction between CRELD1 and VEGFA in the Pathogenesis of Cardiac Atrioventricular Septal Defects. AIMS Genetics, 2014, 01, 001-019.	1.9	13
56	Accuracy of Imaging Modalities in Detection of Baffle Leaks in Patients Following Atrial Switch Operation. Echocardiography, 2016, 33, 437-442.	0.9	12
57	Differences in midterm outcomes in infants with hypoplastic left heart syndrome diagnosed with necrotizing enterocolitis: NPCQIC database analysis. Congenital Heart Disease, 2018, 13, 512-518.	0.2	12
58	Tissue Doppler Changes in Three Neonates with Congenital Diaphragmatic Hernia. ASAIO Journal, 2009, 55, 417-419.	1.6	11
59	ECMO: Incidence and Outcomes of Patients Undergoing the Hybrid Procedure. Congenital Heart Disease, 2016, 11, 169-174.	0.2	11
60	Comparing echocardiographic assessment of systolic function with catheterization data in patients with single right ventricles. Acta Cardiologica, 2014, 69, 281-288.	0.9	10
61	Survey of How Pediatric Cardiologists Noninvasively Evaluate Patients with Hypoplastic Left Heart Syndrome. Congenital Heart Disease, 2015, 10, E73-E82.	0.2	10
62	Right Ventricular Pseudoaneurysm After Modified Norwood Procedure. Annals of Thoracic Surgery, 2004, 78, e72-e73.	1.3	9
63	Echocardiographic Parameters that Predict Outcome in Aortic Atresia Patients Undergoing Comprehensive Stage II Procedure. Congenital Heart Disease, 2010, 5, 409-415.	0.2	9
64	Echocardiographic Assessment of Atrial Properties in Single Ventricles vs. Normal Controls. Congenital Heart Disease, 2011, 6, 247-252.	0.2	9
65	Strain Echocardiographic Assessment of Ventricular Function after Percutaneous Pulmonary Valve Implantation. Congenital Heart Disease, 2012, 7, 361-371.	0.2	9
66	Echocardiographic Analysis of an Extracellular Matrix Tricuspid Valve. Echocardiography, 2014, 31, E264-E266.	0.9	9
67	Threeâ€Dimensional Image of a Baffle Leak in a Patient with a <scp>M</scp> ustard Operation. Echocardiography, 2014, 31, E315-6.	0.9	9
68	Cerebral saturations trend with mixed venous saturations in patients undergoing extracorporeal life support. Perfusion (United Kingdom), 2004, 19, 171-176.	1.0	8
69	Caregiver Anxiety Due to Interstage Feeding Concerns. Congenital Heart Disease, 2015, 10, E98-E106.	0.2	8
70	Children with hypoplastic left heart syndrome have lower quality of life than healthy controls and children with other illnesses. Cardiology in the Young, 2018, 28, 21-26.	0.8	8
71	Perception scores of siblings and parents of children with hypoplastic left heart syndrome. Congenital Heart Disease, 2018, 13, 528-532.	0.2	8
72	Extracorporeal Membrane Oxygenation Incidence, Characteristics, and Outcomes in Neonatal Down Syndrome Patients. ASAIO Journal, 2016, 62, 477-481.	1.6	7

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73	Mitral Valve Replacement in Pediatrics Using an Extracellular Matrix Cylinder Valve: A Case Series. Pediatric Cardiology, 2020, 41, 1458-1465.	1.3	7
74	Primary Pulmonary Vein Stenosis: A New Look at a Rare but Challenging Disease. NeoReviews, 2021, 22, e296-e308.	0.8	7
75	Allelic Interaction between and in the Pathogenesis of Cardiac Atrioventricular Septal Defects. AIMS Genetics, 2014, 1, 1-19.	1.9	7
76	Tissue Doppler Measurements Correlate With Central Venous Pressure in Pediatric Patients After Cardiac Surgery. ASAIO Journal, 2010, 56, 377-382.	1.6	6
77	Catheterization Diastolic Pressures Correlate with Diastolic Dyssynchrony in Patients with Single Right Ventricles. Echocardiography, 2014, 31, 370-374.	0.9	6
78	Correlations Between Echocardiographic Systolic and Diastolic Function with Cardiac Catheterization in Biventricular Congenital Heart Patients. Pediatric Cardiology, 2016, 37, 765-771.	1.3	6
79	Arrhythmias After Stage I Hybrid Palliation in Single-Ventricle Patients. Pediatric Cardiology, 2016, 37, 1416-1421.	1.3	6
80	Extracorporeal Membrane Oxygenation Outcomes After the Comprehensive Stage II Procedure in Patients With Single Ventricles. Artificial Organs, 2017, 41, 66-70.	1.9	6
81	Impact of prenatal screening on congenital heart defects in neonates with Down syndrome in the US. Pediatric Research, 2021, 90, 1081-1085.	2.3	6
82	Thrombosis Prevention and Anticoagulation Management in the Pediatric Patient with Congenital Heart Disease. Cardiology and Therapy, 2021, 10, 325-348.	2.6	6
83	Endothelial Nitric Oxide Synthase Polymorphisms Associated with Abnormal Nitric Oxide Production Are Not Over-represented in Children with Down Syndrome. Congenital Heart Disease, 2006, 1, 169-174.	0.2	5
84	Tissue Doppler Changes in Pediatric Complete Heart Block Patients Who Are Chronically Paced. Congenital Heart Disease, 2009, 4, 448-453.	0.2	5
85	Correlation of Serum Biomarkers in Adults with Single Ventricles with Strain and Strain Rate Using 2D Speckle Tracking. Congenital Heart Disease, 2013, 8, 255-265.	0.2	5
86	QRS Duration Changes in Patients with Single Ventricle Physiology: Birth to 10 Years. PACE - Pacing and Clinical Electrophysiology, 2015, 38, 1159-1165.	1.2	5
87	Necrotizing Enterocolitis Incidence, Characteristics, and Outcomes in Neonatal Down Syndrome Patients. American Journal of Perinatology, 2017, 34, 1368-1374.	1.4	5
88	Decellularized Bovine Pericardial Mitral Valve in a Neonatal Marfan Patient. Annals of Thoracic Surgery, 2020, 110, e293-e294.	1.3	5
89	QRS Duration Changes in Patients with Hypoplastic Left Heart Syndrome Undergoing Hybrid Palliation: Prehybrid to Postâ€Fontan. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 462-466.	1.2	4
90	Diastolic Flow Parameters Are Not Sensitive in Predicting Necrotizing Enterocolitis in Patients Undergoing Hybrid Procedure. Congenital Heart Disease, 2013, 8, 234-239.	0.2	4

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91	Ultrasound assessment of mesenteric blood flow in neonates with hypoplastic left heart before and after hybrid palliation. Cardiology in the Young, 2015, 25, 1074-1079.	0.8	4
92	Arrhythmias Following Comprehensive Stage II Surgical Palliation in Single Ventricle Patients. Pediatric Cardiology, 2016, 37, 552-557.	1.3	4
93	Changes in right ventricular function in neonates with hypoplastic left heart syndrome before and after the hybrid procedure. European Heart Journal Cardiovascular Imaging, 2016, 17, 1379-1384.	1.2	4
94	Usefulness of Postnatal Echocardiography in Patients with Down Syndrome with Normal Fetal Echocardiograms. Pediatric Cardiology, 2019, 40, 1716-1721.	1.3	4
95	Serial fetal echocardiograms in hypoplastic left heart syndrome fetuses: Does it affect immediate post-natal care?. International Journal of Cardiology, 2020, 301, 80-84.	1.7	4
96	Timing of umbilical cord clamping among infants with congenital heart disease. Progress in Pediatric Cardiology, 2020, 59, 101318.	0.4	4
97	Gender Differences in Physical Activity Engagement Among Adolescents With Congenital Heart Disease. Journal of Pediatric Psychology, 2022, 47, 859-869.	2.1	4
98	Persistent electrical and morphological atrial abnormalities after early closure of atrial septal defect. Cardiology in the Young, 2004, 14, 481-487.	0.8	3
99	Optimization of biventricular pacing via strain dyssynchrony measurements in a paediatric patient. Acta Cardiologica, 2011, 66, 527-530.	0.9	3
100	Neutrophil/Lymphocyte Ratio and Association with Arch Intervention in Patients with Hypoplastic Left Heart Syndrome Undergoing Hybrid Procedure. Congenital Heart Disease, 2014, 9, 543-548.	0.2	3
101	Diastolic Dyssynchrony Differences in Patients with Single Right Ventricles vs. Control Patients. Congenital Heart Disease, 2015, 10, 326-332.	0.2	3
102	Custom extracellular matrix cylinder mitral valve in a pediatric patient. Echocardiography, 2017, 34, 1956-1958.	0.9	3
103	Changes in tissue Doppler characteristics in a patient with pulmonary atresia and intact ventricular septum. Cardiology in the Young, 2006, 16, 395.	0.8	2
104	Left Ventricular Dilation: When Pediatric Meet Adult Guidelines. Pediatric Cardiology, 2018, 39, 26-32.	1.3	2
105	Extracorporeal Membrane Oxygenation Characteristics and Outcomes in Adult Patients With Down Syndrome. Artificial Organs, 2018, 42, 921-925.	1.9	2
106	Systolic/diastolic ratio correlates with end diastolic pressures in pediatric patients with single right ventricles. Congenital Heart Disease, 2019, 14, 609-613.	0.2	2
107	Absent pulmonary valve or pulmonary atresia with intact ventricular septum: Which is it?. Echocardiography, 2020, 37, 1869-1872.	0.9	2
108	Primary pulmonary vein stenosis among premature infants with single-vessel disease. Journal of Perinatology, 2020, 41, 1621-1626.	2.0	2

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109	Capture rate of congenital heart defects in the Pediatric Health Information System database. Birth Defects Research, 2020, 112, 1541-1544.	1.5	2
110	Imaging Findings in Pediatric COVID-19: A Review of Current Literature. Cardiology and Therapy, 2022, 11, 185-201.	2.6	2
111	Echocardiographic right ventricular function correlations with cardiac catheterisation data in biventricular congenital heart patients. Cardiology in the Young, 2017, 27, 1186-1193.	0.8	1
112	Transgastric: A forgotten view for atrial septal defect device closure procedures?. Echocardiography, 2017, 34, 1967-1968.	0.9	1
113	Echocardiographic diagnosis of atrial flutter in a neonate. Echocardiography, 2018, 35, 1439-1441.	0.9	1
114	Initial fetal to initial postnatal echocardiogram in uncomplicated atrioventricular septal defects: Do significant changes occur?. Echocardiography, 2020, 37, 2102-2106.	0.9	1
115	Peri-operative and Interstage Considerations for the Hybrid Approach for Hypoplastic Left Heart Syndrome., 2014,, 1809-1824.		1
116	Human Genetics of Atrioventricular Septal Defect. , 2016, , 349-355.		1
117	Usefulness of Postnatal Echocardiograms in Patients with Omphaloceles Who Previously Had a Normal Fetal Echocardiogram. Cardiology and Therapy, 2021, , 1.	2.6	1
118	A Randomized Clinical Trial Demonstrating Feasibility and Preliminary Efficacy of a Videoconference-Delivered Physical Activity Lifestyle Intervention Among Adolescents With a Congenital Heart Defect. Annals of Behavioral Medicine, 2021, , .	2.9	1
119	Echocardiographic Images of a Melody Valve in the Tricuspid Position. Echocardiography, 2014, 31, E98-100.	0.9	0
120	Paediatric abstract publication rates for the American Society of Echocardiography Meeting. Cardiology in the Young, 2018, 28, 692-696.	0.8	0
121	Tie a yellow ribbon around a papillary muscle. Echocardiography, 2019, 36, 1434-1436.	0.9	0
122	Echocardiographic changes in patients with a cylinder mitral valve replacement: Preliminary analysis. Echocardiography, 2021, 38, 1210-1217.	0.9	0
123	Coronary artery ectasia in postâ€pericardiotomy syndrome. Echocardiography, 2021, 38, 1678-1683.	0.9	0
124	Cylinder Mitral Valve Creates Normalized Ventricular Flow Patterns. Annals of Thoracic Surgery, 2021, 112, e155-e156.	1.3	0
125	Complications after transesophageal echocardiogram in pediatric patients with gastrostomy tube and/or Nissen fundoplication. Echocardiography, 2021, 38, 1574-1578.	0.9	0
126	Incidence of and Risk Factors for Aortic Arch Interventions After the Comprehensive Stage II Procedure for Hypoplastic Left Heart Syndrome. Pediatric Cardiology, 2022, 43, 426-434.	1.3	0

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1	.27	Caring for a Child with Hypoplastic Left Heart Syndrome: Parent and Medical Perspective. Cardiology and Therapy, 2022, 11, 9-12.	2.6	0
1	.28	Utility of Follow-Up Echocardiograms in Uncomplicated PDA Device Closures Performed After Infancy. Cardiology and Therapy, 0, , .	2.6	0