

Alvin J Chin

List of Publications by Year in descending order

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77
papers

2,775
citations

136740

32
h-index

182168

51
g-index

81
all docs

81
docs citations

81
times ranked

2055
citing authors

#	ARTICLE	IF	CITATIONS
1	Enalapril to Prevent Cardiac Function Decline in Long-Term Survivors of Pediatric Cancer Exposed to Anthracyclines. <i>Journal of Clinical Oncology</i> , 2004, 22, 820-828.	0.8	254
2	The role of vascular endothelial growth factor (VEGF) in vasculogenesis, angiogenesis, and hematopoiesis in zebrafish development. <i>Mechanisms of Development</i> , 2001, 108, 29-43.	1.7	200
3	Late ventricular geometry and performance changes of functional single ventricle throughout staged fontan reconstruction assessed by magnetic resonance imaging. <i>Journal of the American College of Cardiology</i> , 1996, 28, 212-221.	1.2	135
4	The significance of tricuspid regurgitation in hypoplastic left-heart syndrome. <i>American Heart Journal</i> , 1988, 116, 1563-1567.	1.2	110
5	Skeletal muscle ventricles in circulation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1987, 94, 163-174.	0.4	96
6	Cloning and characterization of vascular endothelial growth factor (VEGF) from zebrafish, <i>Danio rerio</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1998, 1397, 14-20.	2.4	88
7	Zebrafish <i>hhx</i> regulates liver development and digestive organ chirality. <i>Genesis</i> , 2001, 30, 141-143.	0.8	81
8	Repair of complete common atrioventricular canal in infancy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1982, 84, 437-445.	0.4	78
9	Changes in right ventricular geometry and heart rate early after hemi-Fontan procedure. <i>Annals of Thoracic Surgery</i> , 1993, 55, 1508-1512.	0.7	65
10	Surgical management of severe aortic outflow obstruction in lesions other than the hypoplastic left heart syndrome: Use of a pulmonary artery to aorta anastomosis. <i>Journal of the American College of Cardiology</i> , 1991, 18, 809-816.	1.2	63
11	Prevalence, relation to spontaneous closure, and association of muscular ventricular septal defects with other cardiac defects. <i>American Journal of Cardiology</i> , 1995, 75, 61-65.	0.7	62
12	Interrupted Aortic Arch. <i>Circulation</i> , 1995, 92, 128-131.	1.6	54
13	Changes in ventricular geometry early after Fontan operation. <i>Annals of Thoracic Surgery</i> , 1993, 56, 1359-1365.	0.7	51
14	Accuracy of subcostal two-dimensional echocardiography in prospective diagnosis of total anomalous pulmonary venous connection. <i>American Heart Journal</i> , 1987, 113, 1153-1159.	1.2	50
15	Semiquantitative assessment of mitral regurgitation by doppler color flow imaging in patients aged <20 years. <i>American Journal of Cardiology</i> , 1993, 71, 727-732.	0.7	50
16	Heart and Gut Chiralities Are Controlled Independently from Initial Heart Position in the Developing Zebrafish. <i>Developmental Biology</i> , 2000, 227, 403-421.	0.9	50
17	Postmortem echocardiography and tomographic anatomy of hypoplastic left heart syndrome after palliative surgery. <i>American Journal of Cardiology</i> , 1986, 58, 1228-1232.	0.7	48
18	Bone morphogenetic protein-4 expression characterizes inductive boundaries in organs of developing zebrafish. <i>Development Genes and Evolution</i> , 1997, 207, 107-114.	0.4	47

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19	Patterns of anomalous pulmonary venous connection/drainage in hypoplastic left heart syndrome: Diagnostic role of Doppler color flow mapping and surgical implications. <i>Journal of the American College of Cardiology</i> , 1992, 19, 135-141.	1.2	46
20	Subaortic obstruction in complex congenital heart disease: Management by proximal pulmonary artery to ascending aorta end to side anastomosis. <i>Journal of the American College of Cardiology</i> , 1986, 7, 617-624.	1.2	45
21	Prenatal Diagnosis of Congenital Heart Defects in Thoracoabdominally Conjoined Twins. <i>New England Journal of Medicine</i> , 1985, 313, 370-374.	13.9	44
22	Transposition of the great arteries with aortic arch obstruction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1987, 94, 82-86.	0.4	44
23	Cardiovascular abnormalities in thoracopagus twins. <i>Teratology</i> , 1981, 23, 101-113.	1.8	43
24	Subcostal two-dimensional echocardiographic identification of anomalous attachment of septum primum in patients with left atrioventricular valve underdevelopment. <i>Journal of the American College of Cardiology</i> , 1990, 15, 678-681.	1.2	41
25	Design and baseline characteristics for the ACE Inhibitor After Anthracycline (AAA) study of cardiac dysfunction in long-term pediatric cancer survivors. <i>American Heart Journal</i> , 2001, 142, 577-585.	1.2	41
26	Accuracy of prospective two-dimensional echocardiographic evaluation of left ventricular outflow tract in complete transposition of the great arteries. <i>American Journal of Cardiology</i> , 1985, 55, 759-764.	0.7	40
27	Subxyphoid 2-dimensional echocardiographic identification of left ventricular papillary muscle anomalies in complete common atrioventricular canal. <i>American Journal of Cardiology</i> , 1983, 51, 1695-1699.	0.7	37
28	Pulmonary artery configuration after palliative operations for hypoplastic left heart syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1989, 97, 878-885.	0.4	36
29	Ultrasonographic display of complex vascular rings. <i>Journal of the American College of Cardiology</i> , 1990, 15, 1645-1653.	1.2	36
30	Two-dimensional echocardiographic diagnosis of pulmonary artery sling in infancy. <i>Journal of the American College of Cardiology</i> , 1986, 7, 625-629.	1.2	35
31	Developmental regulation and expression of the zebrafish connexin43 gene. <i>Developmental Dynamics</i> , 2005, 233, 890-906.	0.8	35
32	Congenital heart disease in supernumerary der(22), t(11;22) syndrome. <i>Clinical Genetics</i> , 1986, 29, 269-275.	1.0	35
33	Two-dimensional echocardiographic assessment of caval and pulmonary venous pathways after the senning operation. <i>American Journal of Cardiology</i> , 1983, 52, 118-126.	0.7	32
34	T-box genes and cardiac development. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2003, 69, 25-37.	3.6	32
35	Arrhythmogenic right ventricular cardiomyopathy/Dysplasia (ARVC/D). <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2013, 163, 185-197.	0.7	32
36	Subxyphoid two-dimensional echocardiographic identification of tricuspid valve abnormalities in transposition of the great arteries with ventricular septal defect. <i>American Journal of Cardiology</i> , 1985, 55, 1146-1151.	0.7	28

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37	Fate of the pulmonic valve after proximal pulmonary artery-to-ascending aorta anastomosis for aortic outflow obstruction. <i>American Journal of Cardiology</i> , 1988, 62, 435-438.	0.7	27
38	Absent aortic valve: A complex anomaly. <i>Pediatric Cardiology</i> , 1990, 11, 195-198.	0.6	26
39	How insights from cardiovascular developmental biology have impacted the care of infants and children with congenital heart disease. <i>Mechanisms of Development</i> , 2012, 129, 75-97.	1.7	26
40	Identification of cor triatriatum dexter by two-dimensional echocardiography. <i>American Journal of Cardiology</i> , 1987, 60, 409-410.	0.7	23
41	Prospective detection by Doppler color flow imaging of additional defects in infants with a large ventricular septal defect. <i>Journal of the American College of Cardiology</i> , 1990, 15, 1637-1642.	1.2	23
42	Atypical presentation of Kawasaki disease with early development of giant coronary artery aneurysms. <i>Journal of Pediatrics</i> , 1989, 114, 605-606.	0.9	22
43	2-Dimensional echocardiographic appearance of complete left-sided juxtaposition of the atrial appendages. <i>American Journal of Cardiology</i> , 1983, 52, 346-348.	0.7	21
44	Cloning and characterization of zebrafish <i>tbx1</i> . <i>Gene Expression Patterns</i> , 2003, 3, 645-651.	0.3	21
45	The Pattern of Cardiovascular Malformation in the CHARGE Association. <i>JAMA Pediatrics</i> , 1987, 141, 1010.	3.6	19
46	Two-dimensional and doppler echocardiographic assessment of neonatal arterial repair for transposition of the great arteries. <i>Journal of the American College of Cardiology</i> , 1989, 13, 1320-1328.	1.2	19
47	Imaging of pulmonary venous pathway obstruction in patients after the modified fontan procedure. <i>Journal of the American College of Cardiology</i> , 1992, 20, 181-190.	1.2	18
48	Noninvasive diagnosis of coarctation of the aorta in the presence of a patent ductus arteriosus. <i>American Heart Journal</i> , 1993, 125, 179-185.	1.2	18
49	Insights After 40 Years of the Fontan Operation. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2010, 1, 328-343.	0.3	18
50	Long-Term Neurostimulation of Skeletal Muscle: Its Potential for a Tether-Free Biologic Cardiac Assist Device. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1988, 11, 2128-2134.	0.5	17
51	Subxiphoid two-dimensional echocardiographic diagnosis of coronary sinus septal defects. <i>American Journal of Cardiology</i> , 1984, 54, 686-687.	0.7	16
52	Using Health-Related Quality of Life Measures to Predict Cardiac Function in Survivors Exposed to Anthracyclines. <i>Journal of Clinical Oncology</i> , 2004, 22, 3149-3155.	0.8	16
53	Serum Alkaline Phosphatase Reflects Post-Fontan Hemodynamics in Children. <i>Pediatric Cardiology</i> , 2009, 30, 138-145.	0.6	16
54	Hypoplastic left heart syndrome: Lack of correlation between preoperative demographic and laboratory findings and survival following palliative surgery. <i>Pediatric Cardiology</i> , 1989, 10, 129-134.	0.6	15

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55	Identification of coronary sinus septal defect (unroofed coronary sinus) by color Doppler echocardiography. <i>American Heart Journal</i> , 1992, 124, 1655-1657.	1.2	14
56	Detection of aortopulmonary window by pulsed and color Doppler echocardiography. <i>American Heart Journal</i> , 1988, 115, 900-902.	1.2	13
57	Evaluation and follow-up of patients with left ventricular apical to aortic conduits with 2D and 3D magnetic resonance imaging and Doppler echocardiography: A new look at an old operation. <i>American Heart Journal</i> , 2001, 141, 630-636.	1.2	13
58	Right-sided aortic arch with bilateral ductus: a rare case of nonconfluent pulmonary arteries without associated cardiac anomalies. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 119, 849-851.	0.4	12
59	Ultrasonographic Imaging of the Cervical Thoracic Duct in Children with Congenital or Acquired Heart Disease. <i>Echocardiography</i> , 2014, 31, E282-6.	0.3	12
60	Accuracy of prospective two-dimensional/Doppler echocardiography in the assessment of reparative surgery. <i>Journal of the American College of Cardiology</i> , 1990, 16, 903-912.	1.2	11
61	Morphology of the ventricular septal defect in two types of interrupted aortic arch. <i>Journal of the American Society of Echocardiography</i> , 1996, 9, 199-201.	1.2	11
62	Subcostal two-dimensional echocardiographic identification of right superior vena cava connecting to left atrium. <i>American Heart Journal</i> , 1994, 127, 939-941.	1.2	10
63	Abnormalities in serum biomarkers correlate with lower cardiac index in the Fontan population. <i>Cardiology in the Young</i> , 2017, 27, 59-68.	0.4	10
64	Two-dimensional echocardiographic localization of residual atrial shunts after the Senning procedure. <i>American Journal of Cardiology</i> , 1985, 55, 1238-1239.	0.7	8
65	Model-Based Comparison of the Normal and Fontan Circulatory Systems. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2014, 5, 372-384.	0.3	8
66	Role of Early Postoperative Surface Echocardiography in the Pediatric Cardiac Intensive Care Unit. <i>Chest</i> , 1994, 105, 10-16.	0.4	5
67	Association of Digoxin With Preserved Echocardiographic Indices in the Interstage Period: A Possible Mechanism to Explain Improved Survival?. <i>Journal of the American Heart Association</i> , 2021, 10, e021443.	1.6	5
68	Ruptured sinus of Valsalva aneurysm in childhood. <i>American Heart Journal</i> , 1987, 114, 1235-1238.	1.2	4
69	Noninvasive Imaging of Intraarterial Baffles in Infants and Children. <i>Journal of the American Society of Echocardiography</i> , 1993, 6, 45-50.	1.2	4
70	Model-Based Comparison of the Normal and Fontan Circulatory Systems—Part II. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2015, 6, 360-373.	0.3	4
71	Disorders of left ventricular trabeculation/compaction or right ventricular wall formation. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2013, 163, 141-143.	0.7	3
72	Model-Based Comparison of the Normal and Fontan Circulatory Systems—Part III. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2017, 8, 148-160.	0.3	2

#	ARTICLE	IF	CITATIONS
73	129 NONINVASIVE DETERMINATION OF SYSTEMIC RESISTANCE AND CARDIAC OUTPUT FROM THE ARTERIAL PRESSURE WAVEFORM. <i>Pediatric Research</i> , 1981, 15, 461-461.	1.1	1
74	Two-dimensional echocardiographic assessment of caval and pulmonary venous pathways following senning operation. <i>American Journal of Cardiology</i> , 1982, 49, 987.	0.7	0
75	Are there anatomic or physiologic predictors of early survival after norwood procedure for hypoplastic left heart syndrome?. <i>American Heart Journal</i> , 1985, 110, 703.	1.2	0
76	Noninvasive Evaluation of Newborns with Congenital Heart Disease. <i>Journal of Intensive Care Medicine</i> , 1993, 8, 130-143.	1.3	0
77	Congenital Aortic Valve and Aortic Arch Anomalies: Part I. <i>Echocardiography</i> , 1996, 13, 313-314.	0.3	0