

Paul F Kantor

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

3,851
citations

33
h-index

59
g-index

127
ext. papers

4,929
ext. citations

4.6
avg, IF

5.01
L-index

#	Paper	IF	Citations
111	The antianginal drug trimetazidine shifts cardiac energy metabolism from fatty acid oxidation to glucose oxidation by inhibiting mitochondrial long-chain 3-ketoacyl coenzyme A thiolase. <i>Circulation Research</i> , 2000 , 86, 580-8	15.7	573
110	Genetic Evaluation of Cardiomyopathy-A Heart Failure Society of America Practice Guideline. <i>Journal of Cardiac Failure</i> , 2018 , 24, 281-302	3.3	160
109	Presentation, diagnosis, and medical management of heart failure in children: Canadian Cardiovascular Society guidelines. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 1535-52	3.8	133
108	Pediatric Cardiomyopathies. <i>Circulation Research</i> , 2017 , 121, 855-873	15.7	124
107	Outcomes of restrictive cardiomyopathy in childhood and the influence of phenotype: a report from the Pediatric Cardiomyopathy Registry. <i>Circulation</i> , 2012 , 126, 1237-44	16.7	114
106	Incidence of and risk factors for sudden cardiac death in children with dilated cardiomyopathy: a report from the Pediatric Cardiomyopathy Registry. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 607-15	15.1	107
105	Genetic evaluation of cardiomyopathy: a clinical practice resource of the American College of Medical Genetics and Genomics (ACMG). <i>Genetics in Medicine</i> , 2018 , 20, 899-909	8.1	96
104	Cardiomyopathy Phenotypes and Outcomes for Children With Left Ventricular Myocardial Noncompaction: Results From the Pediatric Cardiomyopathy Registry. <i>Journal of Cardiac Failure</i> , 2015 , 21, 877-84	3.3	95
103	Ventricular remodeling and survival are more favorable for myocarditis than for idiopathic dilated cardiomyopathy in childhood: an outcomes study from the Pediatric Cardiomyopathy Registry. <i>Circulation: Heart Failure</i> , 2010 , 3, 689-97	7.6	94
102	The impact of changing medical therapy on transplantation-free survival in pediatric dilated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1377-84	15.1	90
101	Recovery of echocardiographic function in children with idiopathic dilated cardiomyopathy: results from the pediatric cardiomyopathy registry. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1405-13	15.1	88
100	Fatty acid oxidation in the reperfused ischemic heart. <i>American Journal of the Medical Sciences</i> , 1999 , 318, 3-14	2.2	82
99	2020 AHA/ACC Guideline for the Diagnosis and Treatment of Patients With Hypertrophic Cardiomyopathy: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. <i>Journal of the American College of Cardiology</i> , 2020 , 76, e159-e240	15.1	82
98	2020 AHA/ACC Guideline for the Diagnosis and Treatment of Patients With Hypertrophic Cardiomyopathy: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. <i>Circulation</i> , 2020 , 142, e558-e631	16.7	77
97	Maturation of fatty acid and carbohydrate metabolism in the newborn heart. <i>Molecular and Cellular Biochemistry</i> , 1998 , 188, 49-56	4.2	76
96	Decline in rejection in the first year after pediatric cardiac transplantation: a multi-institutional study. <i>Journal of Heart and Lung Transplantation</i> , 2010 , 29, 625-32	5.8	67
95	Impaired right and left ventricular diastolic myocardial mechanics and filling in asymptomatic children and adolescents after repair of tetralogy of Fallot. <i>European Heart Journal Cardiovascular Imaging</i> , 2012 , 13, 905-13	4.1	63

94	Impaired left ventricular myocardial mechanics and their relation to pulmonary regurgitation, right ventricular enlargement and exercise capacity in asymptomatic children after repair of tetralogy of Fallot. <i>Journal of the American Society of Echocardiography</i> , 2012 , 25, 494-503	5.8	61
93	2020 AHA/ACC Guideline for the Diagnosis and Treatment of Patients With Hypertrophic Cardiomyopathy: Executive Summary: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. <i>Circulation</i> , 2020 , 142, e533-e557	16.7	61
92	Pediatric heart transplantation in human leukocyte antigen sensitized patients: evolving management and assessment of intermediate-term outcomes in a high-risk population. <i>Circulation</i> , 2007 , 116, 1172-8	16.7	59
91	Characterization of rat liver malonyl-CoA decarboxylase and the study of its role in regulating fatty acid metabolism. <i>Biochemical Journal</i> , 2000 , 350, 599-608	3.8	56
90	Early predictors of survival to and after heart transplantation in children with dilated cardiomyopathy. <i>Circulation</i> , 2012 , 126, 1079-86	16.7	52
89	A Validated Model for Sudden Cardiac Death Risk Prediction in Pediatric Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2020 , 142, 217-229	16.7	51
88	Acetylation and succinylation contribute to maturational alterations in energy metabolism in the newborn heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H347-63	5.2	50
87	Histological validation of cardiovascular magnetic resonance T1 mapping markers of myocardial fibrosis in paediatric heart transplant recipients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017 , 19, 10	6.9	49
86	Fatty Acid Oxidation in the Reperfused Ischemic Heart. <i>American Journal of the Medical Sciences</i> , 1999 , 318, 3-14	2.2	49
85	Relation of right ventricular mechanics to exercise tolerance in children after tetralogy of Fallot repair. <i>American Heart Journal</i> , 2013 , 165, 551-7	4.9	47
84	Exercise induces biventricular mechanical dyssynchrony in children with repaired tetralogy of Fallot. <i>Heart</i> , 2010 , 96, 2010-5	5.1	44
83	Volume overload hypertrophy of the newborn heart slows the maturation of enzymes involved in the regulation of fatty acid metabolism. <i>Journal of the American College of Cardiology</i> , 1999 , 33, 1724-34 ^{15.1}	15.1	43
82	Ivabradine in Children With Dilated Cardiomyopathy and Symptomatic Chronic Heart Failure. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 1262-1272	15.1	39
81	Isovolumic acceleration at rest and during exercise in children normal values for the left ventricle and first noninvasive demonstration of exercise-induced force-frequency relationships. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 1100-7	15.1	38
80	Survival Without Cardiac Transplantation Among Children With Dilated Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2663-2673	15.1	37
79	Outcomes of cardiac transplantation in single-ventricle patients with plastic bronchitis: a multicenter study. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 985-6	15.1	36
78	Determinants and functional impact of restrictive physiology after repair of tetralogy of Fallot: new insights from magnetic resonance imaging. <i>International Journal of Cardiology</i> , 2013 , 167, 1347-53	3.2	32
77	Design for the sacubitril/valsartan (LCZ696) compared with enalapril study of pediatric patients with heart failure due to systemic left ventricle systolic dysfunction (PANORAMA-HF study). <i>American Heart Journal</i> , 2017 , 193, 23-34	4.9	32

76	Pathophysiology and management of heart failure in repaired congenital heart disease. <i>Heart Failure Clinics</i> , 2010 , 6, 497-506, ix	3.3	32
75	Effectiveness of serial increases in amino-terminal pro-B-type natriuretic peptide levels to indicate the need for mechanical circulatory support in children with acute decompensated heart failure. <i>American Journal of Cardiology</i> , 2011 , 107, 573-8	3	31
74	2020 AHA/ACC Guideline for the Diagnosis and Treatment of Patients With Hypertrophic Cardiomyopathy: Executive Summary: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 3022-3055	15.1	31
73	Influence of RV restrictive physiology on LV diastolic function in children after tetralogy of Fallot repair. <i>Journal of the American Society of Echocardiography</i> , 2012 , 25, 866-73	5.8	30
72	Exercise echocardiography demonstrates biventricular systolic dysfunction and reveals decreased left ventricular contractile reserve in children after tetralogy of Fallot repair. <i>Journal of the American Society of Echocardiography</i> , 2015 , 28, 294-301	5.8	29
71	Mitochondrial citrate synthase crystals: novel finding in Sengers syndrome caused by acylglycerol kinase (AGK) mutations. <i>Molecular Genetics and Metabolism</i> , 2013 , 108, 40-50	3.7	28
70	Spectrum and outcome of primary cardiomyopathies diagnosed during fetal life. <i>JACC: Heart Failure</i> , 2014 , 2, 403-11	7.9	27
69	Dilated cardiomyopathy in epidermolysis bullosa: a retrospective, multicenter study. <i>Pediatric Dermatology</i> , 2010 , 27, 238-43	1.9	27
68	Risk factors for mortality or delisting of patients from the pediatric heart transplant waiting list. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 147, 462-8	1.5	26
67	Evaluation of mechanical dyssynchrony in children with idiopathic dilated cardiomyopathy and associated clinical outcomes. <i>American Journal of Cardiology</i> , 2008 , 101, 1191-5	3	26
66	Hypertension after pediatric heart transplantation is primarily associated with immunosuppressive regimen. <i>Journal of Heart and Lung Transplantation</i> , 2008 , 27, 501-7	5.8	26
65	Left ventricular diastolic mechanical dyssynchrony and associated clinical outcomes in children with dilated cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2008 , 1, 50-7	3.9	24
64	Clinical practice: heart failure in children. Part I: clinical evaluation, diagnostic testing, and initial medical management. <i>European Journal of Pediatrics</i> , 2010 , 169, 269-79	4.1	23
63	Activating PPAR β prevents post-ischemic contractile dysfunction in hypertrophied neonatal hearts. <i>Circulation Research</i> , 2015 , 117, 41-51	15.7	22
62	Exercise capacity improves with time in pediatric heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2009 , 28, 585-90	5.8	20
61	Mitogenic cardiomyopathy: a lethal neonatal familial dilated cardiomyopathy characterized by myocyte hyperplasia and proliferation. <i>Human Pathology</i> , 2010 , 41, 1002-8	3.7	19
60	Novel approaches to the prediction, diagnosis and treatment of cardiac late effects in survivors of childhood cancer: a multi-centre observational study. <i>BMC Cancer</i> , 2017 , 17, 519	4.8	18
59	Diffuse Myocardial Fibrosis in Children After Heart Transplantations: A Magnetic Resonance T1 Mapping Study. <i>Transplantation</i> , 2015 , 99, 2656-62	1.8	18

58	Thoracoscopic ligation versus coil occlusion for patent ductus arteriosus: a matched cohort study of outcomes and cost. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2008 , 22, 1643-8	5.2	18
57	Sleep-disordered breathing in children with cardiomyopathy. <i>Annals of the American Thoracic Society</i> , 2014 , 11, 770-6	4.7	17
56	Characterization of rat liver malonyl-CoA decarboxylase and the study of its role in regulating fatty acid metabolism. <i>Biochemical Journal</i> , 2000 , 350, 599	3.8	16
55	Disparate Remodeling of the Extracellular Matrix and Proteoglycans in Failing Pediatric Versus Adult Hearts. <i>Journal of the American Heart Association</i> , 2018 , 7, e010427	6	16
54	Current applications and Future Needs for Biomarkers in Pediatric Cardiomyopathy and Heart Failure: Summary From The Second International Conference On Pediatric Cardiomyopathy. <i>Progress in Pediatric Cardiology</i> , 2011 , 32, 11-14	0.4	15
53	Surgical repair of the mitral valve in children with dilated cardiomyopathy and mitral regurgitation. <i>Annals of Thoracic Surgery</i> , 2008 , 85, 2085-8	2.7	15
52	Prognostic implications of the systolic to diastolic duration ratio in children with idiopathic or familial dilated cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 773-80	3.9	14
51	Common data elements for clinical research in Friedreich's ataxia. <i>Movement Disorders</i> , 2013 , 28, 190-5	7	14
50	Usefulness of mitral regurgitation as a marker of increased risk for death or cardiac transplantation in idiopathic dilated cardiomyopathy in children. <i>American Journal of Cardiology</i> , 2011 , 107, 1517-21	3	14
49	Friedreich ataxia presenting as sudden cardiac death in childhood: clinical, genetic and pathological correlation, with implications for genetic testing and counselling. <i>Neuromuscular Disorders</i> , 2010 , 20, 340-2	2.9	14
48	Incidence, Severity, and Association With Adverse Outcome of Hyponatremia in Children Hospitalized With Heart Failure. <i>American Journal of Cardiology</i> , 2016 , 118, 1006-10	3	13
47	Acetylation contributes to hypertrophy-caused maturational delay of cardiac energy metabolism. <i>JCI Insight</i> , 2018 , 3,	9.9	13
46	Hypertension after pediatric cardiac transplantation: detection, etiology, implications and management. <i>Pediatric Transplantation</i> , 2010 , 14, 159-68	1.8	12
45	Early changes in right ventricular function and their clinical consequences in childhood and adolescent dilated cardiomyopathy. <i>Cardiology in the Young</i> , 2010 , 20, 418-25	1	12
44	Factors associated with serum B-type natriuretic peptide in infants with single ventricles. <i>Pediatric Cardiology</i> , 2014 , 35, 879-87	2.1	11
43	Clinical practice: heart failure in children. Part II: current maintenance therapy and new therapeutic approaches. <i>European Journal of Pediatrics</i> , 2010 , 169, 403-10	4.1	11
42	Genetic Causes of Cardiomyopathy in Children: First Results From the Pediatric Cardiomyopathy Genes Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e017731	6	11
41	Angiotensin-Converting Enzyme Inhibitor Initiation and Dose Uptitration in Children With Cardiovascular Disease: A Retrospective Review of Standard Clinical Practice and a Prospective Randomized Clinical Trial. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	11

40	Echocardiographic Assessment of Cardiac Function in Pediatric Survivors of Anthracycline-Treated Childhood Cancer. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008869	3.9	11
39	No Obesity Paradox in Pediatric Patients With Dilated Cardiomyopathy. <i>JACC: Heart Failure</i> , 2018 , 6, 222-230	7.9	10
38	Undiagnosed heart disease leading to sudden unexpected death in childhood: a retrospective study. <i>Pediatrics</i> , 2011 , 128, e513-20	7.4	10
37	Prevalence, predictors, and outcomes of cardiorenal syndrome in children with dilated cardiomyopathy: a report from the Pediatric Cardiomyopathy Registry. <i>Pediatric Nephrology</i> , 2015 , 30, 2177-88	3.2	9
36	Heart transplant for pediatric cardiomyopathy. <i>Progress in Pediatric Cardiology</i> , 2007 , 23, 67-72	0.4	9
35	2020 AHA/ACC guideline for the diagnosis and treatment of patients with hypertrophic cardiomyopathy: A report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 142, 83-106	1.5	9
34	Prevalence and Severity of Anemia in Children Hospitalized with Acute Heart Failure. <i>Congenital Heart Disease</i> , 2016 , 11, 622-629	3.1	9
33	The clinical impact of donor-specific antibodies on antibody-mediated rejection and long-term prognosis after heart transplantation. <i>Current Opinion in Organ Transplantation</i> , 2019 , 24, 245-251	2.5	9
32	Newer imaging modalities in the assessment of heart function in single ventricle hearts. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 886-9	3.8	8
31	Sudden death in an infant with angina, restrictive cardiomyopathy, and coronary artery bridging: an unusual phenotype for a β -myosin heavy chain (MYH7) sarcomeric protein mutation. <i>Circulation: Heart Failure</i> , 2012 , 5, e92-3	7.6	8
30	Magnetic resonance imaging of the transplanted pediatric heart as a potential predictor of rejection. <i>World Journal of Transplantation</i> , 2016 , 6, 751-758	2.3	8
29	The Utility of Cardiopulmonary Exercise Testing for the Prediction of Outcomes in Ambulatory Children With Dilated Cardiomyopathy. <i>Transplantation</i> , 2017 , 101, 2455-2460	1.8	7
28	Biomarkers in pediatric heart failure: Their role in diagnosis and evaluating disease progression. <i>Progress in Pediatric Cardiology</i> , 2011 , 31, 53-57	0.4	7
27	Cardiac transplantation in Friedreich ataxia. <i>Journal of Child Neurology</i> , 2012 , 27, 1193-6	2.5	7
26	Machine Learning Identifies Clinical and Genetic Factors Associated With Anthracycline Cardiotoxicity in Pediatric Cancer Survivors. <i>JACC: CardioOncology</i> , 2020 , 2, 690-706	3.8	6
25	Effect of anthracycline therapy on myocardial function and markers of fibrotic remodelling in childhood cancer survivors. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 435-442	4.1	6
24	Abnormal Myocardial Contractility After Pediatric Heart Transplantation by Cardiac MRI. <i>Pediatric Cardiology</i> , 2017 , 38, 1198-1205	2.1	5
23	Pharmacologic therapy of heart failure in children: part of a special series on paediatric pharmacology, guest edited by Gianvincenzo Zuccotti, Emilio Clementi, and Massimo Molteni. <i>Pharmacological Research</i> , 2011 , 64, 427-30	10.2	5

22	Impact of Heart Transplantation on Cheyne-Stokes Respiration in a Child. <i>Case Reports in Pediatrics</i> , 2016 , 2016, 4698756	0.7	4
21	Preventing pediatric cardiomyopathy: a 2015 outlook. <i>Expert Review of Cardiovascular Therapy</i> , 2016 , 14, 321-39	2.5	3
20	Myocardial Energy Metabolism 2001 , 543-569		3
19	Elevated Heart Rate and Survival in Children With Dilated Cardiomyopathy: A Multicenter Study From the Pediatric Cardiomyopathy Registry. <i>Journal of the American Heart Association</i> , 2020 , 9, e015916 ⁶		3
18	Update on pediatric heart failure. <i>Current Opinion in Pediatrics</i> , 2019 , 31, 598-603	3.2	3
17	Refractory cardiogenic shock in a patient with β -thalassemia major requiring mechanical circulatory support: Case report and literature review. <i>Pediatric Transplantation</i> , 2015 , 19, E93-6	1.8	2
16	Self-reported and Accelerometer-Measured Physical Activity in Children With Cardiomyopathy. <i>Journal of Cardiovascular Nursing</i> , 2020 , 35, 300-306	2.1	2
15	Cardiac Biomarkers in Pediatric Cardiomyopathy: Study Design and Recruitment Results from the Pediatric Cardiomyopathy Registry. <i>Progress in Pediatric Cardiology</i> , 2019 , 53, 1-10	0.4	1
14	Future research directions in pediatric cardiomyopathy. <i>Progress in Pediatric Cardiology</i> , 2016 , 40, 35-39	0.4	1
13	Pharmacogenomics and heart failure in congenital heart disease. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 779-85	3.8	1
12	Recent and Upcoming Drug Therapies for Pediatric Heart Failure. <i>Frontiers in Pediatrics</i> , 2021 , 9, 681224	3.4	1
11	Non-invasive biomarkers of Fontan-associated liver disease. <i>JHEP Reports</i> , 2021 , 3, 100362	10.3	1
10	Drug Treatment of Heart Failure in Children: Gaps and Opportunities.. <i>Paediatric Drugs</i> , 2022 , 24, 121	4.2	0
9	Hypertrophic Cardiomyopathy in Adolescence: Application of Guidelines. <i>JACC: Case Reports</i> , 2021 , 3, 10-15	1.2	0
8	Comments on the assessment of biventricular function in children after tetralogy of fallot repair. <i>Journal of the American Society of Echocardiography</i> , 2015 , 28, 495-6	5.8	
7	Outpatient Management of Pediatric HF 2018 , 457-466		
6	Index of suspicion. <i>Pediatrics in Review</i> , 2008 , 29, 399-406	1.1	
5	Clinical considerations for Heart Rhythm allied professionals: understanding heart failure in congenital heart disease patients. <i>Heart Rhythm</i> , 2007 , 4, 248-50	6.7	

4	The Subpulmonary Right Ventricle in Chronic Left Ventricular Failure 2009 , 221-229	
3	Response by Mital et al to Letter Regarding Article, "A Validated Model for Sudden Cardiac Death Risk Prediction in Pediatric Hypertrophic Cardiomyopathy". <i>Circulation</i> , 2021 , 143, e788-e789	16.7
2	The evolution of medical therapy for children with heart failure. <i>Progress in Pediatric Cardiology</i> , 2016 , 43, 3-6	0.4
1	Impact of Genetic Testing for Cardiomyopathy on Emotional Well-Being and Family Dynamics: A Study of Parents and Adolescents. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003189	5.2