

Paul F Kantor

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

6,263
citations

94269

37
h-index

74018

75
g-index

127
all docs

127
docs citations

127
times ranked

6356
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 580-588.	2.0	693
2	2020 AHA/ACC Guideline for the Diagnosis and Treatment of Patients With Hypertrophic Cardiomyopathy: Executive Summary. <i>Journal of the American College of Cardiology</i> , 2020, 76, 3022-3055.	1.2	394
3	2020 AHA/ACC Guideline for the Diagnosis and Treatment of Patients With Hypertrophic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2020, 76, e159-e240.	1.2	364
4	Genetic Evaluation of Cardiomyopathy—A Heart Failure Society of America Practice Guideline. <i>Journal of Cardiac Failure</i> , 2018, 24, 281-302.	0.7	280
5	2020 AHA/ACC Guideline for the Diagnosis and Treatment of Patients With Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2020, 142, e558-e631.	1.6	263
6	Pediatric Cardiomyopathies. <i>Circulation Research</i> , 2017, 121, 855-873.	2.0	207
7	Presentation, Diagnosis, and Medical Management of Heart Failure in Children: Canadian Cardiovascular Society Guidelines. <i>Canadian Journal of Cardiology</i> , 2013, 29, 1535-1552.	0.8	192
8	2020 AHA/ACC Guideline for the Diagnosis and Treatment of Patients With Hypertrophic Cardiomyopathy: Executive Summary. <i>Circulation</i> , 2020, 142, e533-e557.	1.6	181
9	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.	1.1	172
10	Outcomes of Restrictive Cardiomyopathy in Childhood and the Influence of Phenotype. <i>Circulation</i> , 2012, 126, 1237-1244.	1.6	166
11	Incidence of and Risk Factors for Sudden Cardiac Death in Children With Dilated Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2012, 59, 607-615.	1.2	157
12	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, 877-884.	0.7	140
13	A Validated Model for Sudden Cardiac Death Risk Prediction in Pediatric Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2020, 142, 217-229.	1.6	129
14	Ventricular Remodeling and Survival Are More Favorable for Myocarditis Than For Idiopathic Dilated Cardiomyopathy in Childhood. <i>Circulation: Heart Failure</i> , 2010, 3, 689-697.	1.6	128
15	Recovery of Echocardiographic Function in Children With Idiopathic Dilated Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1405-1413.	1.2	126
16	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, 1377-1384.	1.2	110
17	Maturation of fatty acid and carbohydrate metabolism in the newborn heart. <i>Molecular and Cellular Biochemistry</i> , 1998, 188, 49-56.	1.4	95
18	Fatty Acid Oxidation in the Reperfused Ischemic Heart. <i>American Journal of the Medical Sciences</i> , 1999, 318, 3.	0.4	88

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19	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, 625-632.	0.3	77
20	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, 905-913.	0.5	75
21	Pediatric Heart Transplantation in Human Leukocyte Antigen-“Sensitized Patients. <i>Circulation</i> , 2007, 116, 1172-8.	1.6	74
22	Early Predictors of Survival to and After Heart Transplantation in Children With Dilated Cardiomyopathy. <i>Circulation</i> , 2012, 126, 1079-1086.	1.6	71
23	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-H363.	1.5	70
24	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.	1.2	68
25	Ivabradine in Children With Dilated Cardiomyopathy and Symptomatic Chronic Heart Failure. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1262-1272.	1.2	68
26	Histological validation of cardiovascular magnetic resonance T1 mapping markers of myocardial fibrosis in paediatric heart transplant recipients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 10.	1.6	64
27	Relation of right ventricular mechanics to exercise tolerance in children after tetralogy of Fallot repair. <i>American Heart Journal</i> , 2013, 165, 551-557.	1.2	62
28	Activating PPAR α Prevents Post-“Ischemic Contractile Dysfunction in Hypertrophied Neonatal Hearts. <i>Circulation Research</i> , 2015, 117, 41-51.	2.0	60
29	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.	1.7	59
30	Survival Without Cardiac Transplantation Among Children With Dilated Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2663-2673.	1.2	59
31	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.	1.2	58
32	Fatty Acid Oxidation in the Reperfused Ischemic Heart. <i>American Journal of the Medical Sciences</i> , 1999, 318, 3-14.	0.4	51
33	Exercise induces biventricular mechanical dyssynchrony in children with repaired tetralogy of Fallot. <i>Heart</i> , 2010, 96, 2010-2015.	1.2	49
34	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, 1724-1734.	1.2	46
35	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, 985-986.	1.2	44
36	Isovolumic Acceleration at Rest and During Exercise in Children. <i>Journal of the American College of Cardiology</i> , 2011, 57, 1100-1107.	1.2	43

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37	Pathophysiology and Management of Heart Failure in Repaired Congenital Heart Disease. <i>Heart Failure Clinics</i> , 2010, 6, 497-506.	1.0	41
38	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, 573-578.	0.7	38
39	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, 462-468.	0.4	38
40	Dilated Cardiomyopathy in Epidermolysis Bullosa: A Retrospective, Multicenter Study. <i>Pediatric Dermatology</i> , 2010, 27, 238-243.	0.5	37
41	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, 866-873.	1.2	37
42	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.	0.5	37
43	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.	1.2	37
44	Spectrum and Outcome of Primary Cardiomyopathies Diagnosed During Fetal Life. <i>JACC: Heart Failure</i> , 2014, 2, 403-411.	1.9	36
45	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, 1347-1353.	0.8	35
46	Echocardiographic Assessment of Cardiac Function in Pediatric Survivors of Anthracycline-Treated Childhood Cancer. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008869.	1.3	33
47	2020 AHA/ACC guideline for the diagnosis and treatment of patients with hypertrophic cardiomyopathy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, e23-e106.	0.4	33
48	Evaluation of Mechanical Dyssynchrony in Children With Idiopathic Dilated Cardiomyopathy and Associated Clinical Outcomes. <i>American Journal of Cardiology</i> , 2008, 101, 1191-1195.	0.7	32
49	Left Ventricular Diastolic Mechanical Dyssynchrony and Associated Clinical Outcomes in Children With Dilated Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2008, 1, 50-57.	1.3	31
50	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.	1.6	29
51	Clinical practice. <i>European Journal of Pediatrics</i> , 2010, 169, 269-279.	1.3	28
52	Hypertension After Pediatric Heart Transplantation is Primarily Associated With Immunosuppressive Regimen. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 501-507.	0.3	27
53	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.	1.6	27
54	Mitogenic cardiomyopathy. <i>Human Pathology</i> , 2010, 41, 1002-1008.	1.1	26

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55	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.	1.1	25
56	Exercise Capacity Improves With Time in Pediatric Heart Transplant Recipients. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 585-590.	0.3	23
57	Diffuse Myocardial Fibrosis in Children After Heart Transplantations. <i>Transplantation</i> , 2015, 99, 2656-2662.	0.5	23
58	Sleep-disordered Breathing in Children with Cardiomyopathy. <i>Annals of the American Thoracic Society</i> , 2014, 11, 770-776.	1.5	21
59	Incidence, Severity, and Association With Adverse Outcome of Hyponatremia in Children Hospitalized With Heart Failure. <i>American Journal of Cardiology</i> , 2016, 118, 1006-1010.	0.7	21
60	Acetylation contributes to hypertrophy-caused maturational delay of cardiac energy metabolism. <i>JCI Insight</i> , 2018, 3, .	2.3	21
61	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.	0.8	21
62	The genetic architecture of pediatric cardiomyopathy. <i>American Journal of Human Genetics</i> , 2022, 109, 282-298.	2.6	21
63	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, 340-342.	0.3	20
64	Undiagnosed Heart Disease Leading to Sudden Unexpected Death in Childhood: A Retrospective Study. <i>Pediatrics</i> , 2011, 128, e513-e520.	1.0	20
65	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, 1643-1648.	1.3	19
66	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.	0.2	19
67	Prognostic Implications of the Systolic to Diastolic Duration Ratio in Children With Idiopathic or Familial Dilated Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 773-780.	1.3	19
68	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.	0.5	19
69	Surgical Repair of the Mitral Valve in Children With Dilated Cardiomyopathy and Mitral Regurgitation. <i>Annals of Thoracic Surgery</i> , 2008, 85, 2085-2088.	0.7	17
70	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, 1517-1521.	0.7	17
71	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.	1.7	16
72	Non-invasive biomarkers of Fontan-associated liver disease. <i>JHEP Reports</i> , 2021, 3, 100362.	2.6	16

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73	Machine Learning Identifies Clinical and Genetic Factors Associated With Anthracycline Cardiotoxicity in Pediatric Cancer Survivors. <i>JACC: CardioOncology</i> , 2020, 2, 690-706.	1.7	16
74	Heart Failure in Congenital Heart Disease. <i>Canadian Journal of Cardiology</i> , 2013, 29, 753-754.	0.8	15
75	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, 2177-2188.	0.9	15
76	Magnetic resonance imaging of the transplanted pediatric heart as a potential predictor of rejection. <i>World Journal of Transplantation</i> , 2016, 6, 751.	0.6	15
77	Clinical practice. <i>European Journal of Pediatrics</i> , 2010, 169, 403-410.	1.3	14
78	Early changes in right ventricular function and their clinical consequences in childhood and adolescent dilated cardiomyopathy. <i>Cardiology in the Young</i> , 2010, 20, 418-425.	0.4	14
79	Common data elements for clinical research in Friedreich's ataxia. <i>Movement Disorders</i> , 2013, 28, 190-195.	2.2	14
80	Factors Associated with Serum B-Type Natriuretic Peptide in Infants with Single Ventricles. <i>Pediatric Cardiology</i> , 2014, 35, 879-887.	0.6	14
81	No Obesity Paradox in Pediatric Patients With Dilated Cardiomyopathy. <i>JACC: Heart Failure</i> , 2018, 6, 222-230.	1.9	14
82	Prevalence and Severity of Anemia in Children Hospitalized with Acute Heart Failure. <i>Congenital Heart Disease</i> , 2016, 11, 622-629.	0.0	13
83	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, .	1.6	13
84	Heart transplant for pediatric cardiomyopathy. <i>Progress in Pediatric Cardiology</i> , 2007, 23, 67-72.	0.2	12
85	Hypertension after pediatric cardiac transplantation: Detection, etiology, implications and management. <i>Pediatric Transplantation</i> , 2010, 14, 159-168.	0.5	12
86	Sudden Death in an Infant With Angina, Restrictive Cardiomyopathy, and Coronary Artery Bridging. <i>Circulation: Heart Failure</i> , 2012, 5, e92-3.	1.6	11
87	Cardiac Transplantation in Friedreich Ataxia. <i>Journal of Child Neurology</i> , 2012, 27, 1193-1196.	0.7	11
88	Newer Imaging Modalities in the Assessment of Heart Function in Single Ventricle Hearts. <i>Canadian Journal of Cardiology</i> , 2013, 29, 886-889.	0.8	9
89	The Utility of Cardiopulmonary Exercise Testing for the Prediction of Outcomes in Ambulatory Children With Dilated Cardiomyopathy. <i>Transplantation</i> , 2017, 101, 2455-2460.	0.5	9
90	Update on pediatric heart failure. <i>Current Opinion in Pediatrics</i> , 2019, 31, 598-603.	1.0	9

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91	Recent and Upcoming Drug Therapies for Pediatric Heart Failure. <i>Frontiers in Pediatrics</i> , 2021, 9, 681224.	0.9	9
92	Pharmacologic therapy of heart failure in children. <i>Pharmacological Research</i> , 2011, 64, 427-430.	3.1	8
93	Biomarkers in pediatric heart failure: Their role in diagnosis and evaluating disease progression. <i>Progress in Pediatric Cardiology</i> , 2011, 31, 53-57.	0.2	8
94	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.	1.6	8
95	Myocardial Energy Metabolism. , 2001, , 543-569.		7
96	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.	0.2	7
97	Impact of Heart Transplantation on Cheyne-Stokes Respiration in a Child. <i>Case Reports in Pediatrics</i> , 2016, 2016, 1-3.	0.2	6
98	Abnormal Myocardial Contractility After Pediatric Heart Transplantation by Cardiac MRI. <i>Pediatric Cardiology</i> , 2017, 38, 1198-1205.	0.6	6
99	Preventing pediatric cardiomyopathy: a 2015 outlook. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 321-339.	0.6	4
100	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.	0.5	3
101	Self-reported and Accelerometer-Measured Physical Activity in Children With Cardiomyopathy. <i>Journal of Cardiovascular Nursing</i> , 2020, 35, 300-306.	0.6	3
102	Drug Treatment of Heart Failure in Children: Gaps and Opportunities. <i>Paediatric Drugs</i> , 2022, 24, 121-136.	1.3	3
103	Hypertrophic Cardiomyopathy in Adolescence. <i>JACC: Case Reports</i> , 2021, 3, 10-15.	0.3	2
104	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.	1.6	2
105	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.	1.6	2
106	Pharmacogenomics and Heart Failure in Congenital Heart Disease. <i>Canadian Journal of Cardiology</i> , 2013, 29, 779-785.	0.8	1
107	Future research directions in pediatric cardiomyopathy. <i>Progress in Pediatric Cardiology</i> , 2016, 40, 35-39.	0.2	1
108	Control of cardiac fatty acid metabolism in infants with hypoplastic left heart syndrome. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 124, 91-92.	0.9	1

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109	Clinical considerations for Heart Rhythm allied professionals: Understanding heart failure in congenital heart disease patients. <i>Heart Rhythm</i> , 2007, 4, 248-250.	0.3	0
110	Index of Suspicion. <i>Pediatrics in Review</i> , 2008, 29, 399-406.	0.2	0
111	Noninvasive Resting Cardiac Output, but Not Resting Ejection Fraction Correlates Well with Maximal Aerobic Capacity in Children with Cardiomyopathy and Repaired Congenital Heart Disease. <i>Journal of Cardiac Failure</i> , 2009, 15, S106.	0.7	0
112	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, 495-496.	1.2	0
113	The evolution of medical therapy for children with heart failure. <i>Progress in Pediatric Cardiology</i> , 2016, 43, 3-6.	0.2	0
114	Pharmacokinetics/Pharmacodynamics, Efficacy and Safety of Sacubitril/Valsartan Versus Enalapril in Pediatric Patients with Heart Failure Due to Systemic Left Ventricle Systolic Dysfunction: Study Design and Rationale. <i>Journal of Cardiac Failure</i> , 2016, 22, S36-S37.	0.7	0
115	Acetylation Control Contributes to Maturation Alterations in Cardiac Energy Metabolism in the Newborn Heart. <i>Journal of Cardiac Failure</i> , 2016, 22, S199.	0.7	0
116	Cardiac Hypertrophy in Neonates With Congenital Heart Disease Delays Maturation Alterations in Cardiac Energy Metabolism by Modifying Myocardial Acetylation Control. <i>Journal of Cardiac Failure</i> , 2016, 22, S230-S231.	0.7	0
117	Cardiac hypertrophy suppresses glucose oxidation in newborns with congenital heart defects. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 138.	0.9	0
118	Remodeling of myocardial extracellular matrix and proteoglycans varies in pediatric versus adult patients with dilated cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 124, 115.	0.9	0
119	Outpatient Management of Pediatric HF. , 2018, , 457-466.		0
120	The Subpulmonary Right Ventricle in Chronic Left Ventricular Failure. , 2009, , 221-229.		0
121	QTc and QRS Abnormalities are Associated with Outcome in Pediatric Heart Failure. <i>Pediatric Cardiology</i> , 2022, , .	0.6	0