Kathryn C Chatfield

List of Publications by Year
in descending order

27 papers	587 citations	687363 13 h-index	642732 23 g-index
27 all docs	27 docs citations	27 times ranked	1068 citing authors

#	Article	IF	Citations
1	Longâ€chain fatty acid oxidation and respiratory complex I deficiencies distinguish Barth Syndrome from idiopathic pediatric cardiomyopathy. Journal of Inherited Metabolic Disease, 2022, 45, 111-124.	3.6	9
2	Chronic Lactate Exposure Decreases Mitochondrial Function by Inhibition of Fatty Acid Uptake and Cardiolipin Alterations in Neonatal Rat Cardiomyocytes. Frontiers in Nutrition, 2022, 9, 809485.	3.7	17
3	Anesthetic Considerations for Children with Multisystem Smooth Muscle Dysfunction Syndrome and review of the literature. Journal of Cardiothoracic and Vascular Anesthesia, 2022, , .	1.3	0
4	Trametinib for Refractory Chylous Effusions and Systemic Complications in Children with Noonan Syndrome. Journal of Pediatrics, 2022, 248, 81-88.e1.	1.8	15
5	LGG-42. Thromboembolic toxicity observed with concurrent trametinib and lenalidomide therapy. Neuro-Oncology, 2022, 24, i97-i98.	1.2	1
6	Outcomes in hospitalisations of women with Turner syndrome compared to women without Turner syndrome. Cardiology in the Young, 2021, 31, 1-8.	0.8	2
7	Maturation of Pluripotent Stem Cell-Derived Cardiomyocytes Enables Modeling of Human Hypertrophic Cardiomyopathy. Stem Cell Reports, 2021, 16, 519-533.	4.8	33
8	The Prevalence of Noonan Spectrum Disorders in Pediatric Patients with Pulmonary Valve Stenosis. Journal of Pediatrics, 2021, 234, 134-141.e5.	1.8	7
9	Impact of Genetic Testing for Cardiomyopathy on Emotional Well-Being and Family Dynamics: A Study of Parents and Adolescents. Circulation Genomic and Precision Medicine, 2021, 14, e003189.	3.6	2
10	Genomic regions associated with microdeletion/microduplication syndromes exhibit extreme diversity of structural variation. Genetics, 2021, 217, .	2.9	13
11	Tafazzin deficiency impairs CoA-dependent oxidative metabolism in cardiac mitochondria. Journal of Biological Chemistry, 2020, 295, 12485-12497.	3.4	24
12	Automated syndrome diagnosis by three-dimensional facial imaging. Genetics in Medicine, 2020, 22, 1682-1693.	2.4	47
13	Alteration of cardiolipin biosynthesis and remodeling in single right ventricle congenital heart disease. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H787-H800.	3.2	8
14	Novel Loss of Function in the ACK Gene. JACC: Case Reports, 2019, 1, 11-16.	0.6	2
15	Cardiac transplantation in children with Noonan syndrome. Pediatric Transplantation, 2019, 23, e13535.	1.0	12
16	Costello syndrome: Clinical phenotype, genotype, and management guidelines. American Journal of Medical Genetics, Part A, 2019, 179, 1725-1744.	1.2	70
17	Elamipretide Improves Mitochondrial Function in the Failing Human Heart. JACC Basic To Translational Science, 2019, 4, 147-157.	4.1	72
18	General pediatric care for a patient after heart transplant. Current Opinion in Pediatrics, 2019, 31, 592-597.	2.0	1

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19	Aortic stiffness in adolescent Turner and Marfan syndrome patients. European Journal of Cardio-thoracic Surgery, 2018, 54, 926-932.	1.4	15
20	Clinical history and management recommendations of the smooth muscle dysfunction syndrome due to ACTA2 arginine 179 alterations. Genetics in Medicine, 2018, 20, 1206-1215.	2.4	50
21	Pathogenic variants in glutamyl-tRNAGln amidotransferase subunits cause a lethal mitochondrial cardiomyopathy disorder. Nature Communications, 2018, 9, 4065.	12.8	44
22	In-utero idiopathic ductal constriction: a prenatal manifestation of Alagille and Williams syndrome arteriopathy. Journal of Perinatology, 2018, 38, 1453-1456.	2.0	8
23	Nonreentrant atrial tachycardia occurs independently of hypertrophic cardiomyopathy in RASopathy patients. American Journal of Medical Genetics, Part A, 2018, 176, 1711-1722.	1.2	21
24	Discovery of a potentially deleterious variant in TMEM87B in a patient with a hemizygous 2q13 microdeletion suggests a recessive condition characterized by congenital heart disease and restrictive cardiomyopathy. Journal of Physical Education and Sports Management, 2016, 2, a000844.	1.2	18
25	Mitochondrial energy failure in HSD10 disease is due to defective mtDNA transcript processing. Mitochondrion, 2015, 21, 1-10.	3.4	55
26	Dysregulation of cardiolipin biosynthesis in pediatric heart failure. Journal of Molecular and Cellular Cardiology, 2014, 74, 251-259.	1.9	41
27	EXPRESSION OF CARDIOLIPIN BIOSYNTHESIS AND REMODELING ENZYMES IN ADULT HEART FAILURE. FASEB Journal, 2013, 27, 1085.12.	0.5	0