

# Colin K L Phoon

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,356  
citations

471061

17  
h-index

414034

32  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1781  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolism and function of mitochondrial cardiolipin. <i>Progress in Lipid Research</i> , 2014, 55, 1-16.	5.3	251
2	Outcomes and Predictors of Perinatal Mortality in Fetuses With Ebstein Anomaly or Tricuspid Valve Dysplasia in the Current Era. <i>Circulation</i> , 2015, 132, 481-489.	1.6	128
3	Loss of protein association causes cardiolipin degradation in Barth syndrome. <i>Nature Chemical Biology</i> , 2016, 12, 641-647.	3.9	99
4	Hydroxychloroquine to Prevent Recurrent Congenital Heart Block in Fetuses of Anti-SSA/Ro-Positive Mothers. <i>Journal of the American College of Cardiology</i> , 2020, 76, 292-302.	1.2	97
5	Embryonic Heart Failure in NFATc1 $\Delta/\Delta$ Mice. <i>Circulation Research</i> , 2004, 95, 92-99.	2.0	91
6	Ultrasound biomicroscopy-Doppler in mouse cardiovascular development. <i>Physiological Genomics</i> , 2003, 14, 3-15.	1.0	88
7	Tafazzin Knockdown in Mice Leads to a Developmental Cardiomyopathy With Early Diastolic Dysfunction Preceding Myocardial Noncompaction. <i>Journal of the American Heart Association</i> , 2012, 1, .	1.6	81
8	The PPAR pan-agonist bezafibrate ameliorates cardiomyopathy in a mouse model of Barth syndrome. <i>Orphanet Journal of Rare Diseases</i> , 2017, 12, 49.	1.2	57
9	Spatial velocity profile in mouse embryonic aorta and Doppler-derived volumetric flow: a preliminary model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H908-H916.	1.5	52
10	Genetic analysis of the contribution of LTBP-3 to thoracic aneurysm in Marfan syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14012-14017.	3.3	47
11	Cardiac Findings in Pediatric Patients With Multisystem Inflammatory Syndrome in Children Associated With COVID-19. <i>Clinical Pediatrics</i> , 2021, 60, 119-126.	0.4	40
12	Extramitochondrial cardiolipin suggests a novel function of mitochondria in spermatogenesis. <i>Journal of Cell Biology</i> , 2019, 218, 1491-1502.	2.3	33
13	A Bayesian Analysis to Determine the Prevalence of Barth Syndrome in the Pediatric Population. <i>Journal of Pediatrics</i> , 2020, 217, 139-144.	0.9	27
14	Comparison of cardiolipins from <i>Drosophila</i> strains with mutations in putative remodeling enzymes. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 512-519.	1.5	23
15	Genetic Basis of Left Ventricular Noncompaction. <i>Circulation Genomic and Precision Medicine</i> , 2022, 15, 101161CIRCGEN121003517.	1.6	23
16	Risk Factors for Mortality and Circulatory Outcome Among Neonates Prenatally Diagnosed With Ebstein Anomaly or Tricuspid Valve Dysplasia: A Multicenter Study. <i>Journal of the American Heart Association</i> , 2020, 9, e016684.	1.6	22
17	Cardiovascular Imaging in Mice. <i>Current Protocols in Mouse Biology</i> , 2016, 6, 15-38.	1.2	22
18	Finding the "PR-ect" Solution: What Is the Best Tool to Measure Fetal Cardiac PR Intervals for the Detection and Possible Treatment of Early Conduction Disease?. <i>Congenital Heart Disease</i> , 2012, 7, 349-360.	0.0	21

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19	A critical appraisal of the tafazzin knockdown mouse model of Barth syndrome: what have we learned about pathogenesis and potential treatments?. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H1183-H1193.	1.5	20
20	Cardiolipin remodeling enables protein crowding in the inner mitochondrial membrane. EMBO Journal, 2021, 40, e108428.	3.5	20
21	Do paediatric cardiologists discuss cardiovascular risk factors with patients and their families?. Cardiology in the Young, 2003, 13, 551-558.	0.4	18
22	Sudden unexpected death in asymptomatic infants due toPPA2variants. Molecular Genetics & Genomic Medicine, 2020, 8, e1008.	0.6	17
23	Electrocardiographic QT Intervals in Infants Exposed to Hydroxychloroquine Throughout Gestation. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008686.	2.1	16
24	LPGAT1 controls the stearate/palmitate ratio of phosphatidylethanolamine and phosphatidylcholine in sn-1 specific remodeling. Journal of Biological Chemistry, 2022, 298, 101685.	1.6	14
25	Effect of In Utero Non-Steroidal Anti-Inflammatory Drug Therapy for Severe Ebstein Anomaly or Tricuspid Valve Dysplasia (NSAID Therapy for Fetal Ebstein anomaly). American Journal of Cardiology, 2021, 141, 106-112.	0.7	13
26	High-speed, high-frequency ultrasound, in utero vector-flow imaging of mouse embryos. Scientific Reports, 2017, 7, 16658.	1.6	9
27	Not yet a dinosaur: the chalk talk. American Journal of Physiology - Advances in Physiology Education, 2021, 45, 61-66.	0.8	9
28	Neurological & psychological aspects of Barth syndrome: Clinical manifestations and potential pathogenic mechanisms. Mitochondrion, 2021, 61, 188-195.	1.6	5
29	Condensed Mitochondria Assemble Into the Acrosomal Matrix During Spermiogenesis. Frontiers in Cell and Developmental Biology, 2022, 10, 867175.	1.8	5
30	Characterization of Vortex Flow in a Mouse Model of Ventricular Dyssynchrony by Plane-Wave Ultrasound Using Hexplex Processing. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 538-548.	1.7	3
31	A simple mechanistic explanation for Barth syndrome and cardiolipin remodeling. Journal of Inherited Metabolic Disease, 2022, 45, 51-59.	1.7	3
32	Extracardiac Doppler indices predict perinatal mortality in fetuses with Ebstein anomaly and tricuspid valve dysplasia. Prenatal Diagnosis, 2021, 41, 332-340.	1.1	2
33	Ours is a special community. Cardiology in the Young, 2015, 25, 611-611.	0.4	0
34	Estimating pressure gradients by auscultation: How technology (echocardiography) can help improve clinical skills. World Journal of Cardiology, 2017, 9, 693.	0.5	0
35	Sinus Bradycardia Following Development of Diffuse Subcutaneous Emphysema in a Child. Clinical Pediatrics, 2019, 58, 1367-1370.	0.4	0
36	Is My Mouse Pregnant? High-Frequency Ultrasound Assessment. Journal of Visualized Experiments, 2021, , .	0.2	0

#	ARTICLE	IF	CITATIONS
37	Finding balance. The Pharos of Alpha Omega Alpha-honor Medical Society Alpha Omega Alpha, 2006, 69, 38-9.	0.1	0