

# Colin K L Phoon

## List of Publications by Citations

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**Version:** 2024-04-17

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34  
papers

903  
citations

15  
h-index

30  
g-index

39  
ext. papers

1,151  
ext. citations

5.2  
avg, IF

4.36  
L-index

#	Paper	IF	Citations
34	Metabolism and function of mitochondrial cardiolipin. <i>Progress in Lipid Research</i> , <b>2014</b> , 55, 1-16	14.3	200
33	Embryonic heart failure in NFATc1 <sup>-/-</sup> mice: novel mechanistic insights from in utero ultrasound biomicroscopy. <i>Circulation Research</i> , <b>2004</b> , 95, 92-9	15.7	88
32	Outcomes and Predictors of Perinatal Mortality in Fetuses With Ebstein Anomaly or Tricuspid Valve Dysplasia in the Current Era: A Multicenter Study. <i>Circulation</i> , <b>2015</b> , 132, 481-9	16.7	85
31	Loss of protein association causes cardiolipin degradation in Barth syndrome. <i>Nature Chemical Biology</i> , <b>2016</b> , 12, 641-7	11.7	78
30	Ultrasound biomicroscopy-Doppler in mouse cardiovascular development. <i>Physiological Genomics</i> , <b>2003</b> , 14, 3-15	3.6	76
29	Tafazzin knockdown in mice leads to a developmental cardiomyopathy with early diastolic dysfunction preceding myocardial noncompaction. <i>Journal of the American Heart Association</i> , <b>2012</b> , 1,	6	71
28	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> , <b>2002</b> , 283, H908-16	5.2	44
27	Hydroxychloroquine to Prevent Recurrent Congenital Heart Block in Fetuses of Anti-SSA/Ro-Positive Mothers. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 76, 292-302	15.1	38
26	The PPAR pan-agonist bezafibrate ameliorates cardiomyopathy in a mouse model of Barth syndrome. <i>Orphanet Journal of Rare Diseases</i> , <b>2017</b> , 12, 49	4.2	32
25	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> , <b>2015</b> , 112, 14012-7	11.5	30
24	Cardiac Findings in Pediatric Patients With Multisystem Inflammatory Syndrome in Children Associated With COVID-19. <i>Clinical Pediatrics</i> , <b>2021</b> , 60, 119-126	1.2	20
23	Extramitochondrial cardiolipin suggests a novel function of mitochondria in spermatogenesis. <i>Journal of Cell Biology</i> , <b>2019</b> , 218, 1491-1502	7.3	19
22	Comparison of cardiolipins from Drosophila strains with mutations in putative remodeling enzymes. <i>Chemistry and Physics of Lipids</i> , <b>2012</b> , 165, 512-9	3.7	19
21	Finding the "PR-fect" 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> , <b>2012</b> , 7, 349-60	3.1	16
20	Do paediatric cardiologists discuss cardiovascular risk factors with patients and their families?. <i>Cardiology in the Young</i> , <b>2003</b> , 13, 551-558	1	15
19	A Bayesian Analysis to Determine the Prevalence of Barth Syndrome in the Pediatric Population. <i>Journal of Pediatrics</i> , <b>2020</b> , 217, 139-144	3.6	13
18	Cardiovascular Imaging in Mice. <i>Current Protocols in Mouse Biology</i> , <b>2016</b> , 6, 15-38	1.1	13

17	A critical appraisal of the tafazzin knockdown mouse model of Barth syndrome: what have we learned about pathogenesis and potential treatments?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 317, H1183-H1193	5.2	11
16	Sudden unexpected death in asymptomatic infants due to PPA2 variants. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2020</b> , 8, e1008	2.3	10
15	Electrocardiographic QT Intervals in Infants Exposed to Hydroxychloroquine Throughout Gestation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e008686	6.4	6
14	High-speed, high-frequency ultrasound, in utero vector-flow imaging of mouse embryos. <i>Scientific Reports</i> , <b>2017</b> , 7, 16658	4.9	4
13	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> , <b>2020</b> , 9, e016684	6	3
12	Effect of In Utero Non-Steroidal Anti-Inflammatory Drug Therapy for Severe Ebstein Anomaly or Tricuspid Valve Dysplasia (NSAID Therapy for Fetal Ebstein anomaly). <i>American Journal of Cardiology</i> , <b>2021</b> , 141, 106-112	3	3
11	Not yet a dinosaur: the chalk talk. <i>American Journal of Physiology - Advances in Physiology Education</i> , <b>2021</b> , 45, 61-66	1.9	2
10	Genetic Basis of Left Ventricular Noncompaction.. <i>Circulation Genomic and Precision Medicine</i> , <b>2022</b> , 1011561 CIRC GEN12	5.6	1
9	LPGAT1 controls the stearate/palmitate ratio of phosphatidylethanolamine and phosphatidylcholine in sn-1 specific remodeling.. <i>Journal of Biological Chemistry</i> , <b>2022</b> , 101685	5.4	1
8	Cardiolipin remodeling enables protein crowding in the inner mitochondrial membrane. <i>EMBO Journal</i> , <b>2021</b> , 40, e108428	13	1
7	Neurological & psychological aspects of Barth syndrome: Clinical manifestations and potential pathogenic mechanisms. <i>Mitochondrion</i> , <b>2021</b> , 61, 188-195	4.9	1
6	Characterization of Vortex Flow in a Mouse Model of Ventricular Dyssynchrony by Plane-Wave Ultrasound Using Hexplex Processing. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2021</b> , 68, 538-548	3.2	1
5	Condensed Mitochondria Assemble Into the Acrosomal Matrix During Spermiogenesis.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 867175	5.7	1
4	Extracardiac Doppler indices predict perinatal mortality in fetuses with Ebstein anomaly and tricuspid valve dysplasia. <i>Prenatal Diagnosis</i> , <b>2021</b> , 41, 332-340	3.2	0
3	Estimating pressure gradients by auscultation: How technology (echocardiography) can help improve clinical skills. <i>World Journal of Cardiology</i> , <b>2017</b> , 9, 693-701	2.1	
2	Sinus Bradycardia Following Development of Diffuse Subcutaneous Emphysema in a Child. <i>Clinical Pediatrics</i> , <b>2019</b> , 58, 1367-1370	1.2	
1	Finding balance. <i>The Pharos of Alpha Omega Alpha-honor Medical Society Alpha Omega Alpha</i> , <b>2006</b> , 69, 38-9		