Adam J Lewandowski

List of Publications by Year
in descending order

90	4,716	109137 35	106150 65
papers	citations	h-index	g-index

91	91	91	6216
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physiological aspects of cardiopulmonary dysanapsis on exercise in adults born preterm. Journal of Physiology, 2022, 600, 463-482.	1.3	20
2	Understanding the preterm human heart: What do we know so far?. Anatomical Record, 2022, 305, 2099-2112.	0.8	13
3	Postpartum blood pressure self-management following hypertensive pregnancy: protocol of the Physician Optimised Post-partum Hypertension Treatment (POP-HT) trial. BMJ Open, 2022, 12, e051180.	0.8	11
4	Acute and chronic cardiac adaptations in adults born preterm. Experimental Physiology, 2022, 107, 405-409.	0.9	9
5	A three-dimensional atlas of childâ€™s cardiac anatomy and the unique morphological alterations associated with obesity. European Heart Journal Cardiovascular Imaging, 2022, 23, 1645-1653.	0.5	13
6	Reshaping the Preterm Heart: Shifting Cardiac Renin-Angiotensin System Towards Cardioprotection in Rats Exposed to Neonatal High-Oxygen Stress. Hypertension, 2022, 79, 1789-1803.	1.3	1
7	Physical activity modification in youth with congenital heart disease: a comprehensive narrative review. Pediatric Research, 2021, 89, 1650-1658.	1.1	34
8	Impaired myocardial reserve underlies reduced exercise capacity and heart rate recovery in preterm-born young adults. European Heart Journal Cardiovascular Imaging, 2021, 22, 572-580.	0.5	30
9	Medium-term effects of SARS-CoV-2 infection on multiple vital organs, exercise capacity, cognition, quality of life and mental health, post-hospital discharge. EClinicalMedicine, 2021, 31, 100683.	3.2	435
10	The Preterm Heart-Brain Axis in Young Adulthood: The Impact of Birth History and Modifiable Risk Factors. Journal of Clinical Medicine, 2021, 10, 1285.	1.0	3
11	Exploring the Cardiac Phenotypes of Prematurity. JAMA Cardiology, 2021, 6, 361.	3.0	4
12	The Immediate and Long-Term Impact of Preeclampsia on Offspring Vascular and Cardiac Physiology in the Preterm Infant. Frontiers in Pediatrics, 2021, 9, 625726.	0.9	13
13	Left atrial strain predicts cardiovascular response to exercise in young adults with suboptimal blood pressure. Echocardiography, 2021, 38, 1319-1326.	0.3	2
14	Association of Systolic Blood Pressure Elevation With Disproportionate Left Ventricular Remodeling in Very Preterm-Born Young Adults. JAMA Cardiology, 2021, 6, 821.	3.0	28
15	The Preterm (Right) Heart. Chest, 2021, 160, 27-28.	0.4	1
16	Cardiac Performance in the First Year of Age Among Preterm Infants Fed Maternal Breast Milk. JAMA Network Open, 2021, 4, e2121206.	2.8	18
17	Association of Preterm Birth With Myocardial Fibrosis and Diastolic Dysfunction in Young Adulthood. Journal of the American College of Cardiology, 2021, 78, 683-692.	1.2	34
18	Proteomic Signature of Dysfunctional Circulating Endothelial Colonyâ€Forming Cells of Young Adults. Journal of the American Heart Association, 2021, 10, e021119.	1.6	3

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19	Short-Term Postpartum Blood Pressure Self-Management and Long-Term Blood Pressure Control: A Randomized Controlled Trial. Hypertension, 2021, 78, 469-479.	1.3	46
20	Incremental value of left atrial booster and reservoir strain in predicting atrial fibrillation in patients with hypertrophic cardiomyopathy: a cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 109.	1.6	14
21	Symptom Persistence Despite Improvement in Cardiopulmonary Health â€“ Insights from longitudinal CMR, CPET and lung function testing post-COVID-19. EClinicalMedicine, 2021, 41, 101159.	3.2	87
22	Endothelial GTPCH (GTP Cyclohydrolase 1) and Tetrahydrobiopterin Regulate Gestational Blood Pressure, Uteroplacental Remodeling, and Fetal Growth. Hypertension, 2021, 78, 1871-1884.	1.3	10
23	Reply. Journal of the American College of Cardiology, 2021, 78, e299.	1.2	0
24	The Transitional Heart: From Early Embryonic and Fetal Development to Neonatal Life. Fetal Diagnosis and Therapy, 2020, 47, 373-386.	0.6	128
25	Preventing disease in the 21st century: early breast milk exposure and later cardiovascular health in premature infants. Pediatric Research, 2020, 87, 385-390.	1.1	20
26	Adult Cardiovascular Health Risk and Cardiovascular Phenotypes of Prematurity. Journal of Pediatrics, 2020, 227, 17-30.	0.9	21
27	Impact of the Vulnerable Preterm Heart and Circulation on Adult Cardiovascular Disease Risk. Hypertension, 2020, 76, 1028-1037.	1.3	54
28	Multimodality Imaging Demonstrates Reduced Right-Ventricular Function Independent of Pulmonary Physiology in Moderately Preterm-Born Adults. JACC: Cardiovascular Imaging, 2020, 13, 2046-2048.	2.3	27
29	Changes in the Preterm Heart From Birth to Young Adulthood: A Meta-analysis. Pediatrics, 2020, 146, .	1.0	73
30	Cardiac remodelling and exercise: What happens with ultra-endurance exercise?. European Journal of Preventive Cardiology, 2020, 27, 1464-1466.	0.8	2
31	Prenatal and Postnatal Cardiac Development in Offspring of Hypertensive Pregnancies. Journal of the American Heart Association, 2020, 9, e014586.	1.6	18
32	Variations in Cardiovascular Structure, Function, and Geometry in Midlife Associated With a History of Hypertensive Pregnancy. Hypertension, 2020, 75, 1542-1550.	1.3	33
33	Preeclampsia: Risk Factors, Diagnosis, Management, and the Cardiovascular Impact on the Offspring. Journal of Clinical Medicine, 2019, 8, 1625.	1.0	161
34	Does self-reported pregnancy loss identify women at risk of an adverse cardiovascular phenotype in later life? Insights from UK Biobank. PLoS ONE, 2019, 14, e0223125.	1.1	3
35	The preterm heart: a unique cardiomyopathy?. Pediatric Research, 2019, 85, 738-739.	1.1	16
36	Preterm Birth Is a Novel, Independent Risk Factor for Altered Cardiac Remodeling and Early Heart Failure: Is it Time for a New Cardiomyopathy?. Current Treatment Options in Cardiovascular Medicine, 2019, 21, 8.	0.4	37

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37	Progression of myocardial fibrosis in hypertrophic cardiomyopathy: mechanisms and clinical implications. European Heart Journal Cardiovascular Imaging, 2019, 20, 157-167.	0.5	92
38	Cardiac Remodeling in Preterm-Born Adults: Long-Term Benefits of Human Milk Consumption in Preterm Neonates. Breastfeeding Medicine, 2018, 13, S-3-S-4.	0.8	4
39	Physiological Stress Elicits ImpairedÂLeftÂVentricular Function inÂPreterm-Born Adults. Journal of the American College of Cardiology, 2018, 71, 1347-1356.	1.2	96
40	Two-Dimensional Echocardiography Estimates of Fetal Ventricular Mass throughout Gestation. Fetal Diagnosis and Therapy, 2018, 44, 18-27.	0.6	3
41	Trial of Exercise to Prevent HypeRtension in young Adults (TEPHRA) a randomized controlled trial: study protocol. BMC Cardiovascular Disorders, 2018, 18, 208.	0.7	11
42	Like sheep, like humans? Right ventricular remodelling in a pretermâ€born ovine model. Journal of Physiology, 2018, 596, 5505-5506.	1.3	5
43	Neonatal MicroRNA Profile Determines Endothelial Function in Offspring of Hypertensive Pregnancies. Hypertension, 2018, 72, 937-945.	1.3	26
44	The Role of Neuropeptide Y in Cardiovascular Health and Disease. Frontiers in Physiology, 2018, 9, 1281.	1.3	129
45	Can diet influence cardiac geometry and function in young adults?. European Journal of Preventive Cardiology, 2018, 25, 1585-1586.	0.8	0
46	Neonatal autonomic function after pregnancy complications and early cardiovascular development. Pediatric Research, 2018, 84, 85-91.	1.1	16
47	Association of Cardiovascular Risk Factors With MRI Indices of Cerebrovascular Structure and Function and White Matter Hyperintensities in Young Adults. JAMA - Journal of the American Medical Association, 2018, 320, 665.	3.8	105
48	Long-term cerebral white and gray matter changes after preeclampsia. Neurology, 2017, 88, 1256-1264.	1.5	77
49	Disproportionate cardiac hypertrophy during early postnatal development in infants born preterm. Pediatric Research, 2017, 82, 36-46.	1.1	88
50	Aortic stiffness and blood pressure variability in young people. Journal of Hypertension, 2017, 35, 513-522.	0.3	45
51	A New Risk Factor for Early Heart Failure. Journal of the American College of Cardiology, 2017, 69, 2643-2645.	1.2	25
52	Protocol and quality assurance for carotid imaging in 100,000 participants of UK Biobank: development and assessment. European Journal of Preventive Cardiology, 2017, 24, 1799-1806.	0.8	27
53	Author response: Long-term cerebral white and gray matter changes after preeclampsia. Neurology, 2017, 89, 1309.3-1310.	1.5	1
54	P100 TRIAL OF EXERCISE TO PREVENT HYPERTENSION IN YOUNG ADULTS (TEPHRA): RATIONALE AND PROTOCOL. Artery Research, 2017, 20, 89.	0.3	0

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55	Novel Insights into Complex Cardiovascular Pathologies using 4D Flow Analysis by Cardiovascular Magnetic Resonance Imaging. Current Pharmaceutical Design, 2017, 23, 3262-3267.	0.9	11
56	Will Exercise Advice Be Sufficient for Treatment of Young Adults With Prehypertension and Hypertension? A Systematic Review and Meta-Analysis. Hypertension, 2016, 68, 78-87.	1.3	67
57	Association of Maternal Antiangiogenic Profile at Birth With Early Postnatal Loss of Microvascular Density in Offspring of Hypertensive Pregnancies. Hypertension, 2016, 68, 749-759.	1.3	42
58	Comprehensive multi-modality assessment of regional and global arterial structure and function in adults born preterm. Hypertension Research, 2016, 39, 39-45.	1.5	32
59	Invited Commentary: Hypertension During Pregnancy and Offspring Microvascular Structureâ€"Insights From the Retinal Microcirculation. American Journal of Epidemiology, 2016, 184, 616-618.	1.6	4
60	Time to rethink physical activity advice and blood pressure: A role for occupation-based interventions?. European Journal of Preventive Cardiology, 2016, 23, 1051-1053.	0.8	9
61	Breast Milk Consumption in Preterm Neonates and Cardiac Shape in Adulthood. Pediatrics, 2016, 138, .	1.0	72
62	Preterm Birth and Hypertension: Is There a Link?. Current Hypertension Reports, 2016, 18, 28.	1.5	69
63	Improving the stratification power of cardiac ventricular shape. Journal of Cardiovascular Magnetic Resonance, 2015, 17, O77.	1.6	1
64	Clinical cardiovascular risk during young adulthood in offspring of hypertensive pregnancies: insights from a 20-year prospective follow-up birth cohort. BMJ Open, 2015, 5, e008136.	0.8	103
65	Elevated Blood Pressure in Preterm-Born Offspring Associates With a Distinct Antiangiogenic State and Microvascular Abnormalities in Adult Life. Hypertension, 2015, 65, 607-614.	1.3	102
66	Obese Subjects Show Sex-Specific Differences in Right Ventricular Hypertrophy. Circulation: Cardiovascular Imaging, 2015, 8, .	1.3	18
67	Gender specific patterns of age-related decline in aortic stiffness: a cardiovascular magnetic resonance study including normal ranges. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 20.	1.6	63
68	Evidence of a Direct Effect of Myocardial Steatosis on LV Hypertrophy and Diastolic Dysfunction in Adult and Adolescent Obesity. JACC: Cardiovascular Imaging, 2015, 8, 1468-1470.	2.3	23
69	Assessment of cardiac function from fetal to adult life with myocardial deformation imaging. Ultrasound in Obstetrics and Gynecology, 2014, 43, 605-608.	0.9	1
70	Observational study of regional aortic size referenced to body size: production of a cardiovascular magnetic resonance nomogram. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 9.	1.6	72
71	An automatic service for the personalization of ventricular cardiac meshes. Journal of the Royal Society Interface, 2014, 11, 20131023.	1.5	52
72	Dynamic Release and Clearance of Circulating Microparticles During Cardiac Stress. Circulation Research, 2014, 114, 109-113.	2.0	62

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73	Preeclampsia, prematurity and cardiovascular health in adult life. Early Human Development, 2014, 90, 725-729.	0.8	59
74	The effects of excess weight on cardiac strain and steatosis in adults and children. Journal of Cardiovascular Magnetic Resonance, 2013, 15, O30.	1.6	0
75	Diameters of the normal thoracic aorta measured by cardiovascular magnetic resonance imaging; correlation with gender, body surface area and body mass index. Journal of Cardiovascular Magnetic Resonance, 2013, 15, E77.	1.6	7
76	Normal variation of magnetic resonance T1 relaxation times in the human population at 1.5 T using ShMOLLI. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 13.	1.6	216
77	Global and regional left ventricular myocardial deformation measures by magnetic resonance feature tracking in healthy volunteers: comparison with tagging and relevance of gender. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 8.	1.6	244
78	Preterm Heart in Adult Life. Circulation, 2013, 127, 197-206.	1.6	385
79	Gender-specific differences in left ventricular remodelling in obesity: insights from cardiovascular magnetic resonance imaging. European Heart Journal, 2013, 34, 292-299.	1.0	85
80	Right Ventricular Systolic Dysfunction in Young Adults Born Preterm. Circulation, 2013, 128, 713-720.	1.6	209
81	Impaired Endothelial Responses in Apparently Healthy Young People Associated With Subclinical Variation in Blood Pressure and Cardiovascular Phenotype. American Journal of Hypertension, 2012, 25, 46-53.	1.0	25
82	Unique Blood Pressure Characteristics in Mother and Offspring After Early Onset Preeclampsia. Hypertension, 2012, 60, 1338-1345.	1.3	98
83	Cardiac Dysfunction and Preeclampsia. Circulation: Cardiovascular Imaging, 2012, 5, 691-692.	1.3	7
84	Antenatal Glucocorticoid Exposure and Long-Term Alterations in Aortic Function and Glucose Metabolism. Pediatrics, 2012, 129, e1282-e1290.	1.0	111
85	Prevention of Vascular Dysfunction after Preeclampsia: A Potential Long-Term Outcome Measure and an Emerging Goal for Treatment. Journal of Pregnancy, 2012, 2012, 1-8.	1.1	31
86	From Gene to Epigene-Based Therapies Targeting the Vascular Endothelium. Current Vascular Pharmacology, 2012, 10, 125-137.	0.8	4
87	Pre-eclampsia and offspring cardiovascular health: mechanistic insights from experimental studies. Clinical Science, 2012, 123, 53-72.	1.8	153
88	CMR right ventricular strain assessment using feature tracking cine images: agreement with echocardiography. Journal of Cardiovascular Magnetic Resonance, 2012, 14, .	1.6	3
89	Short-Term Exposure to Exogenous Lipids in Premature Infants and Long-Term Changes in Aortic and Cardiac Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2125-2135.	1.1	56
90	Rescue of Neurons from Ischemic Injury by Peroxisome Proliferator-Activated Receptor-Â Requires a Novel Essential Cofactor LMO4. Journal of Neuroscience, 2008, 28, 12433-12444.	1.7	37