

# Katrin A Dias

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

432  
citations

840776

11  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

765  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of High-Intensity Interval Training on Fitness, Fat Mass and Cardiometabolic Biomarkers in Children with Obesity: A Randomised Controlled Trial. <i>Sports Medicine</i> , 2018, 48, 733-746.	6.5	89
2	Exercise and Vascular Function in Child Obesity: A Meta-Analysis. <i>Pediatrics</i> , 2015, 136, e648-e659.	2.1	42
3	Exercise Training for Patients With Hypertrophic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2018, 72, 1157-1165.	2.8	39
4	Increased Myocardial Stiffness in Patients With High-Risk Left Ventricular Hypertrophy. <i>Circulation</i> , 2020, 141, 115-123.	1.6	34
5	One-Year Committed Exercise Training Reverses Abnormal Left Ventricular Myocardial Stiffness in Patients With Stage B Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2021, 144, 934-946.	1.6	33
6	Impaired oxygen uptake kinetics in heart failure with preserved ejection fraction. <i>Heart</i> , 2019, 105, 1552-1558.	2.9	27
7	High-intensity interval training and cardiac autonomic control in individuals with metabolic syndrome: A randomised trial. <i>International Journal of Cardiology</i> , 2017, 245, 245-252.	1.7	23
8	Effects of exercise intensity and nutrition advice on myocardial function in obese children and adolescents: a multicentre randomised controlled trial study protocol. <i>BMJ Open</i> , 2016, 6, e010929.	1.9	19
9	Effect of High Intensity Interval Training on Cardiac Function in Children with Obesity: A Randomised Controlled Trial. <i>Progress in Cardiovascular Diseases</i> , 2018, 61, 214-221.	3.1	19
10	Mechanisms of Left Atrial Enlargement in Obesity. <i>American Journal of Cardiology</i> , 2019, 124, 442-447.	1.6	17
11	Accuracy of Longitudinal Assessment of Visceral Adipose Tissue by Dual-Energy X-Ray Absorptiometry in Children with Obesity. <i>Journal of Obesity</i> , 2019, 2019, 1-12.	2.7	13
12	Effect of Nightly Lower Body Negative Pressure on Choroid Engorgement in a Model of Spaceflight-Associated Neuro-ocular Syndrome. <i>JAMA Ophthalmology</i> , 2022, 140, 59.	2.5	12
13	Daily generation of a footward fluid shift attenuates ocular changes associated with head-down tilt bed rest. <i>Journal of Applied Physiology</i> , 2020, 129, 1220-1231.	2.5	11
14	Cardiac Effects of Repeated Weightlessness During Extreme Duration Swimming Compared With Spaceflight. <i>Circulation</i> , 2021, 143, 1533-1535.	1.6	10
15	Left ventricular morphology and function in adolescents: Relations to fitness and fatness. <i>International Journal of Cardiology</i> , 2017, 240, 313-319.	1.7	9
16	Effect of acute and chronic xenon inhalation on erythropoietin, hematological parameters, and athletic performance. <i>Journal of Applied Physiology</i> , 2019, 127, 1503-1510.	2.5	9
17	Safety, hemodynamic effects, and detection of acute xenon inhalation: rationale for banning xenon from sport. <i>Journal of Applied Physiology</i> , 2019, 127, 1511-1518.	2.5	7
18	Evidence of Reduced Efferent Renal Sympathetic Innervation After Chemical Renal Denervation in Humans. <i>American Journal of Hypertension</i> , 2021, 34, 744-752.	2.0	7

#	ARTICLE	IF	CITATIONS
19	1 Year HIIT and Omega-3 Fatty Acids to Improve Cardiometabolic Risk in Stage-A Heart Failure. JACC: Heart Failure, 2022, 10, 238-249.	4.1	6
20	The role of systolic-diastolic coupling in distinguishing impaired diastolic recoil in healthy aging and heart failure with preserved ejection fraction. Echocardiography, 2021, 38, 261-270.	0.9	4
21	Abstract 14436: Nightly Lower Body Negative Pressure Redistributes Blood Volume and Prevents Maladaptive Vascular Remodeling Induced by Microgravity. Circulation, 2020, 142, .	1.6	1
22	The impact of cardiac loading on a novel metric of left ventricular diastolic function in healthy middle-aged adults: Systolic-diastolic coupling. Physiological Reports, 2021, 9, e15129.	1.7	1
23	Nightly Sustained Lower Body Negative Pressure Attenuates Reductions in Cerebral Blood Flow Associated with Simulated Microgravity. FASEB Journal, 2021, 35, .	0.5	0
24	Isolated Knee Extensor Exercise Training Improves Skeletal Muscle Vasodilation, Blood Flow and Functional Capacity in HFpEF Patients. FASEB Journal, 2021, 35, .	0.5	0