Eric M Snyder

List of Publications by Year
in descending order

74 papers	1,310 citations	304602 22 h-index	377752 34 g-index
74 all docs	74 docs citations	74 times ranked	1479 citing authors

#	Article	IF	Citations
1	Sex differences in cardiovascular function during submaximal exercise in humans. SpringerPlus, 2014, 3, 445.	1.2	120
2	Impact of Preload and Afterload on Global and Regional Right Ventricular Function and Pressure: A Quantitative Echocardiography Study. Journal of the American Society of Echocardiography, 2006, 19, 515-521.	1.2	78
3	Arg16Gly polymorphism of the Î²2-adrenergic receptor is associated with differences in cardiovascular function at rest and during exercise in humans. Journal of Physiology, 2006, 571, 121-130.	1.3	70
4	Relationship between cardiac output and oxygen consumption during upright cycle exercise in healthy humans. Journal of Applied Physiology, 2006, 101, 1474-1480.	1.2	69
5	Glycemic Status Affects Cardiopulmonary Exercise Response in Athletes with Type I Diabetes. Medicine and Science in Sports and Exercise, 2010, 42, 1454-1459.	0.2	56
6	Short-term hypoxic exposure at rest and during exercise reduces lung water in healthy humans. Journal of Applied Physiology, 2006, 101, 1623-1632.	1.2	51
7	Isovolumic Acceleration Measured by Tissue Doppler Echocardiography Is Preload Independent in Healthy Subjects. Echocardiography, 2007, 24, 572-579.	0.3	50
8	Influence of Î² 2 -Adrenergic Receptor Genotype on Airway Function During Exercise in Healthy Adults. Chest, 2006, 129, 762-770.	0.4	45
9	Glycemic control influences lung membrane diffusion and oxygen saturation in exercise-trained subjects with type 1 diabetes. European Journal of Applied Physiology, 2011, 111, 567-578.	1.2	42
10	Genetic variation of the Î²2-adrenergic receptor is associated with differences in lung fluid accumulation in humans. Journal of Applied Physiology, 2007, 102, 2172-2178.	1.2	41
11	Overnight hypoxic exposure and glucagon-like peptide-1 and leptin levels in humans. Applied Physiology, Nutrition and Metabolism, 2008, 33, 929-935.	0.9	41
12	Genotype Related Differences in Î²2 Adrenergic Receptor Density and Cardiac Function. Medicine and Science in Sports and Exercise, 2006, 38, 882-886.	0.2	40
13	Exercise-Disordered Breathing in Chronic Heart Failure. Exercise and Sport Sciences Reviews, 2006, 34, 194-201.	1.6	35
14	Influence of sildenafil on lung diffusion during exposure to acute hypoxia at rest and during exercise in healthy humans. European Journal of Applied Physiology, 2008, 103, 421-430.	1.2	34
15	Comments on Point:Counterpoint: Hypobaric hypoxia induces/does not induce different responses from normobaric hypoxia. Journal of Applied Physiology, 2012, 112, 1788-1794.	1.2	34
16	Genetics of Î²2-Adrenergic Receptors and the Cardiopulmonary Response to Exercise. Exercise and Sport Sciences Reviews, 2008, 36, 98-105.	1.6	31
17	An open-circuit method for determining lung diffusing capacity during exercise: comparison to rebreathe. Journal of Applied Physiology, 2005, 99, 1985-1991.	1.2	30
18	The effect of 18Âh of simulated high altitude on left ventricular function. European Journal of Applied Physiology, 2006, 98, 411-418.	1.2	30

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19	Effects of an Inhaled Î²₂â€Agonist on Cardiovascular Function and Sympathetic Activity in Healthy Subjects. Pharmacotherapy, 2011, 31, 748-756.	1.2	29
20	Dietary sodium restriction and Î²2-adrenergic receptor polymorphism modulate cardiovascular function in humans. Journal of Physiology, 2006, 574, 955-965.	1.3	28
21	Right ventricular function with hypoxic exercise: effects of sildenafil. European Journal of Applied Physiology, 2007, 102, 87-95.	1.2	27
22	Î² 2 -Adrenergic Receptor Genotype and Pulmonary Function in Patients With Heart Failure. Chest, 2006, 130, 1527-1534.	0.4	24
23	The Arg16Gly polymorphism of the Î²2-adrenergic receptor and the natriuretic response to rapid saline infusion in humans. Journal of Physiology, 2006, 574, 947-954.	1.3	21
24	The effects of sildenafil and acetazolamide on breathing efficiency and ventilatory control during hypoxic exercise. European Journal of Applied Physiology, 2009, 106, 509-515.	1.2	19
25	Effect of Î² 2 -adrenergic receptor stimulation on lung fluid in stable heart failure patients. Journal of Heart and Lung Transplantation, 2017, 36, 418-426.	0.3	17
26	Arginine 16 Glycine Î²2-Adrenoceptor Polymorphism and Cardiovascular Structure and Function in Patients with Heart Failure. Journal of the American Society of Echocardiography, 2007, 20, 290-297.	1.2	15
27	Psychological and Genetic Predictors of Pain Tolerance. Clinical and Translational Science, 2019, 12, 189-195.	1.5	15
28	Pulmonary capillary recruitment in response to hypoxia in healthy humans: A possible role for hypoxic pulmonary venoconstriction?. Respiratory Physiology and Neurobiology, 2011, 177, 98-107.	0.7	12
29	Genetic variation of Î±ENaC influences lung diffusion during exercise in humans. Respiratory Physiology and Neurobiology, 2011, 179, 212-218.	0.7	12
30	Moderate intensity exercise mediates comparable increases in exhaled chloride as albuterol in individuals with cystic fibrosis. Respiratory Medicine, 2015, 109, 1001-1011.	1.3	12
31	Human phenylethanolamineN-methyltransferase genetic polymorphisms and exercise-induced epinephrine release. Physiological Genomics, 2008, 33, 323-332.	1.0	11
32	Impaired cardiac and peripheral hemodynamic responses to inhaled Î²2-agonist in cystic fibrosis. Respiratory Research, 2015, 16, 103.	1.4	11
33	Influence of the Vibralung Acoustical Percussor on pulmonary function and sputum expectoration in individuals with cystic fibrosis. Therapeutic Advances in Respiratory Disease, 2018, 12, 175346661877099.	1.0	11
34	Effects of exercise intensity compared to albuterol in individuals with cystic fibrosis. Respiratory Medicine, 2015, 109, 463-474.	1.3	10
35	Impact of chronic systolic heart failure on lung structure-function relationships in large airways. Physiological Reports, 2016, 4, e12867.	0.7	10
36	Influence of Rapid Fluid Loading on Airway Structure and Function in Healthy Humans. Journal of Cardiac Failure, 2010, 16, 175-185.	0.7	9

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37	Genetic Variation of SCNN1A Influences Lung Diffusing Capacity in Cystic Fibrosis. Medicine and Science in Sports and Exercise, 2012, 44, 2315-2321.	0.2	8
38	The relationship between cardiac hemodynamics and exercise tolerance in cystic fibrosis. Heart and Lung: Journal of Acute and Critical Care, 2016, 45, 283-290.	0.8	8
39	Influence of Î²2 adrenergic receptor genotype on risk of nocturnal ventilation in patients with Duchenne muscular dystrophy. Respiratory Research, 2019, 20, 221.	1.4	8
40	Blood pressure variation in healthy humans: A possible interaction with Î²-2 adrenergic receptor genotype and renal epithelial sodium channels. Medical Hypotheses, 2005, 65, 296-299.	0.8	7
41	Hypoxia induced changes in lung fluid balance in humans is associated with beta-2 adrenergic receptor density on lymphocytes. Respiratory Physiology and Neurobiology, 2012, 183, 159-165.	0.7	7
42	Exhaled Breath Condensate Detects Baseline Reductions in Chloride and Increases in Response to Albuterol in Cystic Fibrosis Patients. Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine, 2013, 7, CCRPM.S12882.	0.5	7
43	Intrathecal fentanyl blockade of afferent neural feedback from skeletal muscle during exercise in heart failure patients: Influence on circulatory power and pulmonary vascular capacitance. International Journal of Cardiology, 2015, 201, 384-393.	0.8	7
44	Genetic variation of the alpha subunit of the epithelial Na+ channel influences exhaled Na+ in healthy humans. Respiratory Physiology and Neurobiology, 2011, 179, 205-211.	0.7	6
45	Influence of Beta-1 Adrenergic Receptor Genotype on Cardiovascular Response to Exercise in Healthy Subjects. Cardiology Research, 2018, 9, 343-349.	0.5	6
46	Ventilatory Responses to Hypoxia and High Altitude During Sleep in Aconcagua Climbers. Wilderness and Environmental Medicine, 2007, 18, 138-145.	0.4	5
47	Beta-2 Adrenergic Receptor Genotype Influences Power Output in Healthy Subjects. Journal of Strength and Conditioning Research, 2017, 31, 2053-2059.	1.0	5
48	Alveolar air and oxidative metabolic demand during exercise in healthy adults: the role of single-nucleotide polymorphisms of the Î² ₂ AR gene. Physiological Reports, 2017, 5, e13476.	0.7	5
49	Cystic Fibrosis Transmembrane Conductance Regulator Genotype, Not Circulating Catecholamines, Influences Cardiovascular Function in Patients with Cystic Fibrosis. Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine, 2019, 13, 117954841983578.	0.5	5
50	Influence of Genetic variation of the Î²2-Adrenergic receptor on lung diffusion in patients with cystic fibrosis. Pulmonary Pharmacology and Therapeutics, 2011, 24, 610-616.	1.1	4
51	Comparison of intra-arterial and manual auscultation of blood pressure during submaximal exercise in humans. Applied Physiology, Nutrition and Metabolism, 2013, 38, 537-544.	0.9	4
52	Importance of the Kidney, Vessels, and Heart with Administration of Î²2Adrenergic Receptor Agonists in Patients Susceptible to Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1445-1447.	2.5	4
53	The Coupling of Peripheral Blood Pressure and Ventilatory Responses during Exercise in Young Adults with Cystic Fibrosis. PLoS ONE, 2016, 11, e0168490.	1.1	4
54	Albuterol Improves Alveolar-Capillary Membrane Conductance in Healthy Humans. Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine, 2016, 10, CCRPM.S30251.	0.5	3

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55	Exercise Stroke Volume in Adult Cystic Fibrosis: A Comparison of Acetylene Pulmonary Uptake and Oxygen Pulse. Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine, 2018, 12, 117954841879056.	0.5	3
56	Relationship between a Weighted Multi-Gene Algorithm and Blood Pressure Control in Hypertension. Journal of Clinical Medicine, 2019, 8, 289.	1.0	3
57	The Influence of 17 Hours of Normobaric Hypoxia on Parallel Adjustments in Exhaled Nitric Oxide and Airway Function in Lowland Healthy Adults. High Altitude Medicine and Biology, 2017, 18, 1-10.	0.5	2
58	Foam rolling is an effective recovery tool in trained distance runners. Sport Sciences for Health, 2020, 16, 105-115.	0.4	2
59	Genetics and pharmacogenetics in heart failure. Current Heart Failure Reports, 2007, 4, 139-144.	1.3	1
60	Clinical Classification of Heart Failure Patients Using Cardiac Function during Exercise. Exercise and Sport Sciences Reviews, 2015, 43, 204-213.	1.6	1
61	Influence of Inhaled Amiloride on Lung Fluid Clearance in Response to Normobaric Hypoxia in Healthy Individuals. High Altitude Medicine and Biology, 2017, 18, 343-354.	0.5	1
62	The Effect of Genetically Guided Mathematical Prediction and the Blood Pressure Response to Pharmacotherapy in Hypertension Patients. Clinical Medicine Insights: Cardiology, 2019, 13, 117954681984588.	0.6	1
63	The relationships between age and running performance variables in master runners. Sport Sciences for Health, 2019, 15, 543-550.	0.4	1
64	The Importance of Use of Genetics to Guide Hypertension Therapy. Advances in Molecular Pathology, 2021, 4, 117-125.	0.2	1
65	Influence of rapid fluid loading on airway structure and function in healthy humans. FASEB Journal, 2008, 22, 1150.8.	0.2	1
66	Complexity of genetics in the athlete phenotype: A commentary on Adrenergic-Î²2 receptor polymorphism and athletic performance. Journal of Human Genetics, 2010, 55, 477-478.	1.1	0
67	Alveolar to arterial gas exchange during constant-load exercise in healthy active men and women. Journal of Sports Sciences, 2021, 39, 961-968.	1.0	0
68	Reply to Eisenhut. Journal of Applied Physiology, 2007, 103, 414-414.	1.2	0
69	The effects of sildenafil and acetazolamide on breathing efficiency during hypoxic exercise. FASEB Journal, 2008, 22, 1173.13.	0.2	0
70	Variability in measures of exhaled breath Na+ and K+, influence of cardiac output and saliva. FASEB Journal, 2009, 23, LB169.	0.2	0
71	Muscular Efficiency in Highlyâ€Trained Type 1 Diabetic Subjects. FASEB Journal, 2010, 24, 806.23.	0.2	0
72	Comparison of Na+ Regulation of Exhaled Breath Condensate and Urine in Healthy Humans. FASEB Journal, 2010, 24, 611.26.	0.2	0

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73	Cardiovascular Effects of a Nebulized Bâ€agonist Compared to Saline in Healthy Humans. FASEB Journal, 2010, 24, .	0.2	0
74	Genetic Variation of the Alpha Subunit of ENaC Influences Lung Diffusion during Peak Exercise. FASEB Journal, 2011, 25, 862.1.	0.2	0