Hugh E Montgomery

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The Post-ICU presentation screen (PICUPS) and rehabilitation prescription (RP) for intensive care survivors part II: Clinical engagement and future directions for the national Post-Intensive care Rehabilitation Collaborative. Journal of the Intensive Care Society, 2022, 23, 264-272.	2.2	20
2	The post-ICU presentation screen (PICUPS) and rehabilitation prescription (RP) for intensive care survivors part I: Development and preliminary clinimetric evaluation. Journal of the Intensive Care Society, 2022, 23, 253-263.	2.2	28
3	Intensive care physicians' perceptions of the diagnosis & management of patients with acute hypoxic respiratory failure associated with COVID-19: A UK based survey. Journal of the Intensive Care Society, 2022, 23, 285-292.	2.2	4
4	Effect of intermittent or continuous feeding and amino acid concentration on ureaâ€toâ€creatinine ratio in critical illness. Journal of Parenteral and Enteral Nutrition, 2022, 46, 789-797.	2.6	11
5	Principles of environmentallyâ€sustainable anaesthesia: a global consensus statement from the World Federation of Societies of Anaesthesiologists. Anaesthesia, 2022, 77, 201-212.	3.8	67
6	The experience of drowning. Medico-Legal Journal, 2022, 90, 17-26.	0.5	6
7	Non-invasive respiratory support in the management of acute COVID-19 pneumonia: considerations for clinical practice and priorities for research. Lancet Respiratory Medicine,the, 2022, 10, 199-213.	10.7	35
8	Common, low-frequency, rare, and ultra-rare coding variants contribute to COVID-19 severity. Human Genetics, 2022, 141, 147-173.	3.8	22
9	Whole-genome sequencing reveals host factors underlying critical COVID-19. Nature, 2022, 607, 97-103.	27.8	174
10	Safety and Feasibility Assessment of Repetitive Vascular Occlusion Stimulus (RVOS) Application to Multi-Organ Failure Critically III Patients: A Pilot Randomised Controlled Trial. Journal of Clinical Medicine, 2022, 11, 3938.	2.4	0
11	COVID-19: UK frontline intensivists' emerging learning. Journal of the Intensive Care Society, 2021, 22, 211-213.	2.2	2
12	The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. Lancet, The, 2021, 397, 129-170.	13.7	1,030
13	In pursuit of the unicorn. Experimental Physiology, 2021, 106, 385-388.	2.0	6
14	Dysnatremia is a Predictor for Morbidity and Mortality in Hospitalized Patients with COVID-19. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1637-1648.	3.6	70
15	Malnutrition risk in hospitalised COVID-19 patients receiving CPAP. Lancet, The, 2021, 397, 1261.	13.7	3
16	Use of deep learning to develop continuous-risk models for adverse event prediction from electronic health records. Nature Protocols, 2021, 16, 2765-2787.	12.0	41
17	Multitask prediction of organ dysfunction in the intensive care unit using sequential subnetwork routing. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 1936-1946.	4.4	7
18	Clinically Applicable Segmentation of Head and Neck Anatomy for Radiotherapy: Deep Learning Algorithm Development and Validation Study. Journal of Medical Internet Research, 2021, 23, e26151.	4.3	142

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19	Selection pressure at altitude for genes related to alcohol metabolism: A role for endogenous enteric ethanol synthesis?. Experimental Physiology, 2021, 106, 2155-2167.	2.0	0
20	Exergy intensity and environmental consequences of the medical face masks curtailing the COVID-19 pandemic: Malign bodyguard?. Journal of Cleaner Production, 2021, 313, 127880.	9.3	31
21	Genetic mechanisms of critical illness in COVID-19. Nature, 2021, 591, 92-98.	27.8	1,014
22	Digital and technological innovation in vector-borne disease surveillance to predict, detect, and control climate-driven outbreaks. Lancet Planetary Health, The, 2021, 5, e739-e745.	11.4	22
23	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. Lancet, The, 2021, 398, 1619-1662.	13.7	669
24	Who cares about climate?. Medical Journal of Australia, 2021, 215, 410-411.	1.7	0
25	A carbon monoxide â€~single breath' method to measure total haemoglobin mass: a feasibility study. Experimental Physiology, 2021, 106, 567-575.	2.0	3
26	ACSM Expert Consensus Statement: Injury Prevention and Exercise Performance during Cold-Weather Exercise. Current Sports Medicine Reports, 2021, 20, 594-607.	1.2	9
27	Diarrhoea in critical care is rarely infective in origin, associated with increased length of stay and higher mortality. Journal of the Intensive Care Society, 2020, 21, 72-78.	2.2	5
28	Response. Chest, 2020, 158, 2708-2711.	0.8	0
29	Reply to letter â€~Ultrasound-guided infraclavicular cannulation of the subclavian vein – still an ongoing misconception'. Journal of the Intensive Care Society, 2020, , 175114372092490.	2.2	0
30	Preventing Muscle Wasting in Critically III Patients by Repetitive Vascular Occlusion Stimulus (RVOS): A Pilot Feasibility Trial. , 2020, , .		0
31	Low serum 25-hydroxyvitamin D status in the pathogenesis of stress fractures in military personnel: An evidenced link to support injury risk management. PLoS ONE, 2020, 15, e0229638.	2.5	21
32	Application of the optimized carbon monoxide rebreathing method for the measurement of total haemoglobin mass in chronic liver disease. Physiological Reports, 2020, 8, e14402.	1.7	4
33	Cannulation of the subclavian vein using real-time ultrasound guidance. Journal of the Intensive Care Society, 2020, 21, 349-354.	2.2	2
34	Thirst-guided participant-controlled intravenous fluid rehydration: a single blind, randomised crossover study. British Journal of Anaesthesia, 2020, 124, 403-410.	3.4	1
35	Effect of Intermittent or Continuous Feed on Muscle Wasting in Critical Illness. Chest, 2020, 158, 183-194.	0.8	84
36	Repetitive vascular occlusion stimulus (RVOS) versus standard care to prevent muscle wasting in critically ill patients (ROSProx):a study protocol for a pilot randomised controlled trial. Trials, 2019, 20, 456.	1.6	3

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37	A clinically applicable approach to continuous prediction of future acute kidney injury. Nature, 2019, 572, 116-119.	27.8	652
38	The 2019 report of The Lancet Countdown on health and climate change: ensuring that the health of a child born today is not defined by a changing climate. Lancet, The, 2019, 394, 1836-1878.	13.7	905
39	Matters of life and death: Change beyond planetary homeostasis. Experimental Physiology, 2019, 104, 1749-1750.	2.0	2
40	Palaeoecological and genetic evidence for Neanderthal power locomotion as an adaptation to a woodland environment. Quaternary Science Reviews, 2019, 217, 310-315.	3.0	31
41	A multidisciplinary consensus on dehydration: definitions, diagnostic methods and clinical implications. Annals of Medicine, 2019, 51, 232-251.	3.8	72
42	Metabolomic and lipidomic plasma profile changes in human participants ascending to Everest Base Camp. Scientific Reports, 2019, 9, 2297.	3.3	31
43	A practical guide to medical ethics for intensivists. Journal of the Intensive Care Society, 2019, 20, 66-73.	2.2	2
44	A practical guide to medical ethics for intensivists: Part 2. Journal of the Intensive Care Society, 2019, 20, 98-105.	2.2	0
45	Implementation of a Digitally Enabled Care Pathway (Part 2): Qualitative Analysis of Experiences of Health Care Professionals. Journal of Medical Internet Research, 2019, 21, e13143.	4.3	21
46	Implementation of a Digitally Enabled Care Pathway (Part 1): Impact on Clinical Outcomes and Associated Health Care Costs. Journal of Medical Internet Research, 2019, 21, e13147.	4.3	16
47	Metabolic adjustment to high-altitude hypoxia: from genetic signals to physiological implications. Biochemical Society Transactions, 2018, 46, 599-607.	3.4	61
48	Letter in response to Google DeepMind and healthcare in an age of algorithms. Health and Technology, 2018, 8, 11-13.	3.6	6
49	Non-freezing cold injury: a multi-faceted syndrome. Brain, 2018, 141, e9-e9.	7.6	2
50	The Lancet Countdown on health and climate change: from 25 years of inaction to a global transformation for public health. Lancet, The, 2018, 391, 581-630.	13.7	802
51	The 2018 report of the Lancet Countdown on health and climate change: shaping the health of nations for centuries to come. Lancet, The, 2018, 392, 2479-2514.	13.7	595
52	Replicating measurements of total hemoglobin mass (tHb-mass) within a single day: precision of measurement; feasibility and safety of using oxygen to expedite carbon monoxide clearance. Physiological Reports, 2018, 6, e13829.	1.7	10
53	Reducing sound and light exposure to improve sleep on the adult intensive care unit: An inclusive narrative review. Journal of the Intensive Care Society, 2018, 19, 138-146.	2.2	31
54	Metabolic phenotype of skeletal muscle in early critical illness. Thorax, 2018, 73, 926-935.	5.6	135

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55	The sensitivity of the human thirst response to changes in plasma osmolality: a systematic review. Perioperative Medicine (London, England), 2018, 7, 1.	1.5	33
56	Clinically applicable deep learning for diagnosis and referral in retinal disease. Nature Medicine, 2018, 24, 1342-1350.	30.7	1,551
57	Pre-operative anaemia is associated with total morbidity burden on days 3 and 5 after cardiac surgery: a cohort study. Perioperative Medicine (London, England), 2017, 6, 1.	1.5	19
58	ACE and response to pulmonary rehabilitation in COPD: two observational studies. BMJ Open Respiratory Research, 2017, 4, e000165.	3.0	5
59	Late Anthracycline-Related Cardiotoxicity in Low-Risk Breast Cancer Patients. Journal of the American College of Cardiology, 2017, 69, 2573-2575.	2.8	12
60	Metabolic basis to Sherpa altitude adaptation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6382-6387.	7.1	162
61	Hemoglobin concentration, total hemoglobin mass and plasma volume in patients: implications for anemia. Haematologica, 2017, 102, 1477-1485.	3.5	67
62	Rectus Femoris Cross-Sectional Area and Muscle Layer Thickness: Comparative Markers of Muscle Wasting and Weakness. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 136-138.	5.6	83
63	Christiana Figueres joins The Lancet Countdown—delivering on the promise of Paris. Lancet, The, 2017, 389, e16.	13.7	1
64	Cardiovascular assessment for non-cardiac surgery: European guidelines. British Journal of Hospital Medicine (London, England: 2005), 2017, 78, 327-332.	0.5	11
65	Does hypoxia play a role in the development of sarcopenia in humans? Mechanistic insights from the Caudwell Xtreme Everest Expedition. Redox Biology, 2017, 13, 60-68.	9.0	30
66	Predictors of total morbidity burden on days 3, 5 and 8 after cardiac surgery. Perioperative Medicine (London, England), 2017, 6, 2.	1.5	4
67	The Lancet Countdown: tracking progress on health and climate change. Lancet, The, 2017, 389, 1151-1164.	13.7	292
68	Critical care at the end of life: balancing technology with compassion and agreeing when to stop. British Journal of Anaesthesia, 2017, 119, i85-i89.	3.4	15
69	Caudwell Xtreme Everest: A prospective study of the effects of environmental hypoxia on cognitive functioning. PLoS ONE, 2017, 12, e0174277.	2.5	26
70	The impact of maintaining serum potassium ≥3.6 mEq/L vs ≥4.5 mEq/L on the incidence of new-onset atrial fibrillation in the first 120 hours after isolated elective coronary artery bypass grafting – study protocol for a randomised feasibility trial for the proposed Tight K randomized non-inferiority trial. Trials, 2017, 18, 618.	1.6	15
71	Service evaluation of the implementation of a digitally-enabled care pathway for the recognition and management of acute kidney injury. F1000Research, 2017, 6, 1033.	1.6	9
72	Preventing the progression of climate change: one drug or polypill?. Biofuel Research Journal, 2017, 4, 536-536.	13.3	54

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73	Humanizing critical care. Signa Vitae, 2017, 13, .	0.3	0
74	Service evaluation of the implementation of a digitally-enabled care pathway for the recognition and management of acute kidney injury. F1000Research, 2017, 6, 1033.	1.6	6
75	Automated analysis of retinal imaging using machine learningÂtechniques for computer vision. F1000Research, 2016, 5, 1573.	1.6	34
76	An Exploratory Study of Long-Term Outcome Measures in Critical Illness Survivors: Construct Validity of Physical Activity, Frailty, and Health-Related Quality of Life Measures*. Critical Care Medicine, 2016, 44, e362-e369.	0.9	46
77	Mitochondrial uncoupling proteins regulate angiotensin-converting enzyme expression: crosstalk between cellular and endocrine metabolic regulators suggested by RNA interference and genetic studies. Inside the Cell, 2016, 1, 70-81.	0.4	4
78	Mitochondrial uncoupling proteins regulate angiotensin onverting enzyme expression: crosstalk between cellular and endocrine metabolic regulators suggested by RNA interference and genetic studies. BioEssays, 2016, 38, S107-18.	2.5	7
79	Diarrhoea in the critically ill is common, associated with poor outcome and rarely due to Clostridium difficile. Scientific Reports, 2016, 6, 24691.	3.3	63
80	Angiotensin-Converting Enzyme Inhibition as an Adjunct to Pulmonary Rehabilitation in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1349-1357.	5.6	28
81	Improving outcomes in patients with Acute Kidney Injury: the impact of hospital based automated AKI alerts. Postgraduate Medical Journal, 2016, 92, 9-13.	1.8	32
82	The Great British Medalists Project: A Review of Current Knowledge on the Development of the World's Best Sporting Talent. Sports Medicine, 2016, 46, 1041-1058.	6.5	239
83	Body Surface Area and Baseline Blood Pressure Predict Subclinical Anthracycline Cardiotoxicity in Women Treated for Early Breast Cancer. PLoS ONE, 2016, 11, e0165262.	2.5	24
84	The Relationship Between Lower Limb Bone and Muscle in Military Recruits, Response to Physical Training and Influence of Smoking Status. Scientific Reports, 2015, 5, 9323.	3.3	6
85	A pilot study of change in fracture risk in patients with acute respiratory distress syndrome. Critical Care, 2015, 19, 165.	5.8	15
86	Qualitative Ultrasound in Acute Critical Illness Muscle Wasting. Critical Care Medicine, 2015, 43, 1603-1611.	0.9	168
87	SP238AKI ALERTS: USING ADDITION OF SERUM BICARBONATE TO PREDICT OUTCOMES. Nephrology Dialysis Transplantation, 2015, 30, iii456-iii457.	0.7	0
88	Health and climate change: policy responses to protect public health. Lancet, The, 2015, 386, 1861-1914.	13.7	1,311
89	Postoperative morbidity after surgical aortic valve replacement or transcatheter valve implantation: a prospective cohort study. Intensive Care Medicine, 2015, 41, 1721-1722.	8.2	0
90	Fasciitis frequently accompanies myopathy in acute critical illness muscle wasting: Evidence from qualitative ultrasound and muscle biopsy analysis. Neuromuscular Disorders, 2015, 25, 8250.	0.6	0

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91	Design and conduct of Xtreme Everest 2: An observational cohort study of Sherpa and lowlander responses to graduated hypobaric hypoxia. F1000Research, 2015, 4, 90.	1.6	16
92	Effects of Prolonged Exposure to Hypobaric Hypoxia on Oxidative Stress, Inflammation and Gluco-Insular Regulation: The Not-So-Sweet Price for Good Regulation. PLoS ONE, 2014, 9, e94915.	2.5	42
93	Genome-Scale Methods Converge on Key Mitochondrial Genes for the Survival of Human Cardiomyocytes in Hypoxia. Circulation: Cardiovascular Genetics, 2014, 7, 407-415.	5.1	7
94	Pupil Dynamics in Hypoxic Conditions: Caudwell Xtreme Everest Results. High Altitude Medicine and Biology, 2014, 15, 422-423.	0.9	2
95	Oral Coenzyme Q10 Supplementation Does Not Prevent Cardiac Alterations During a High Altitude Trek to Everest Base Camp. High Altitude Medicine and Biology, 2014, 15, 459-467.	0.9	6
96	Reply to 'A note of caution about the excess winter deaths measure'. Nature Climate Change, 2014, 4, 648-648.	18.8	2
97	How wasting is saving: Weight loss at altitude might result from an evolutionary adaptation. BioEssays, 2014, 36, 721-729.	2.5	29
98	Climate warming will not decrease winter mortality. Nature Climate Change, 2014, 4, 190-194.	18.8	51
99	Use of interferon beta for acute respiratory distress syndrome: proceed with caution – Authors' reply. Lancet Respiratory Medicine,the, 2014, 2, e2-e3.	10.7	0
100	The effect of intravenous interferon-beta-1a (FP-1201) on lung CD73 expression and on acute respiratory distress syndrome mortality: an open-label study. Lancet Respiratory Medicine,the, 2014, 2, 98-107.	10.7	120
101	S141 Tumour Necrosis Factor Receptor 1 Shedding Is Related To Acute Skeletal Muscle Wasting In Critical Illness. Thorax, 2014, 69, A75-A75.	5.6	2
102	A Randomized Controlled Trial of Angiotensin-Converting Enzyme Inhibition for Skeletal Muscle Dysfunction in COPD. Chest, 2014, 146, 932-940.	0.8	30
103	Acute Skeletal Muscle Wasting in Critical Illness. JAMA - Journal of the American Medical Association, 2013, 310, 1591.	7.4	1,379
104	Association between preoperative haemoglobin concentration and cardiopulmonary exercise variables: a multicentre study. Perioperative Medicine (London, England), 2013, 2, 18.	1.5	16
105	Tobacco industry lobbyists and their health-care clients. Lancet, The, 2013, 381, 445.	13.7	3
106	Cerebral venous system and anatomical predisposition to highâ€altitude headache. Annals of Neurology, 2013, 73, 381-389.	5.3	76
107	Bone structure and geometry in young men: The influence of smoking, alcohol intake and physical activity. Bone, 2013, 52, 17-26.	2.9	55
108	S54â€Preservation of mitochondrial oxidative capacity in critically ill patients balances reduction in mitochondrial biogenesis. Thorax, 2013, 68, A30.1-A30.	5.6	0

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109	Conference, conscience and climate. Heart, 2013, 99, 13-14.	2.9	0
110	Genetic Signatures Reveal High-Altitude Adaptation in a Set of Ethiopian Populations. Molecular Biology and Evolution, 2013, 30, 1877-1888.	8.9	173
111	The Use of Skeletal Muscle Near Infrared Spectroscopy and a Vascular Occlusion Test at High Altitude. High Altitude Medicine and Biology, 2013, 14, 256-262.	0.9	16
112	Left Ventricular Wall Thickness and the Presence of Asymmetric Hypertrophy in Healthy Young Army Recruits. Circulation: Cardiovascular Imaging, 2013, 6, 262-267.	2.6	43
113	Response to Letter About Article, "Left Ventricular Wall Thickness and the Presence of Asymmetric Hypertrophy in Healthy Young Army Recruits: Data From the LARGE Heart Study― Circulation: Cardiovascular Imaging, 2013, 6, e29.	2.6	0
114	S134â€Activity monitoring in intensive care unit survivors: Assessing daily physical activity with objective outcome measures. Thorax, 2013, 68, A69.1-A69.	5.6	0
115	No evidence for a local renin-angiotensin system in liver mitochondria. Scientific Reports, 2013, 3, 2467.	3.3	12
116	Association Analysis of ACE and ACTN3 in Elite Caucasian and East Asian Swimmers. Medicine and Science in Sports and Exercise, 2013, 45, 892-900.	0.4	80
117	CLIMATE CHANGE AND HEALTH: A FEBRILE PLANET. Transactions of the Medical Society of London, 2013, 130, 24-7.	0.2	0
118	Neuromuscular Blockade and Skeletal Muscle Weakness in Critically III Patients. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 911-917.	5.6	60
119	Health risks, present and future, from global climate change. BMJ, The, 2012, 344, e1359-e1359.	6.0	90
120	Acclimatization of skeletal muscle mitochondria to highâ€altitude hypoxia during an ascent of Everest. FASEB Journal, 2012, 26, 1431-1441.	0.5	138
121	Variation in the uncoupling protein 2 and 3 genes and human performance. Journal of Applied Physiology, 2012, 112, 1122-1127.	2.5	20
122	Sudden exertional death in sickle cell trait: Figure 1. British Journal of Sports Medicine, 2012, 46, 312-314.	6.7	42
123	Association of a sequence variant in DAB2IP with coronary heart disease. European Heart Journal, 2012, 33, 881-888.	2.2	27
124	S48â€The Effect of Angiotensin-Converting Enzyme Inhibition on Skeletal Muscle Dysfunction in Chronic Obstructive Pulmonary Disease: A Randomised Controlled Trial. Thorax, 2012, 67, A25.1-A25.	5.6	0
125	The Lichfield bone study: the skeletal response to exercise in healthy young men. Journal of Applied Physiology, 2012, 112, 615-626.	2.5	16
126	Duration of preceding hypertension is associated with prolonged length of ICU stay. International Journal of Cardiology, 2012, 157, 180-184.	1.7	2

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127	The development of a postoperative morbidity score to assess total morbidity burden after cardiac surgery. Journal of Clinical Epidemiology, 2012, 65, 423-433.	5.0	30
128	Extreme Physiology & Medicine: a new journal focussed on integrative human physiology under stress. Extreme Physiology and Medicine, 2012, 1, 1.	2.5	8
129	T3â€Acute Muscle Loss in the Critically III: From Bedside to Bench. Thorax, 2012, 67, A1.3-A2.	5.6	2
130	Relationship between calcaneal quantitative ultrasound and hip dual energy X-ray absorptiometry in young healthy men. Osteoporosis International, 2012, 23, 1947-1956.	3.1	5
131	Cerebral Artery Dilatation Maintains Cerebral Oxygenation at Extreme Altitude and in Acute Hypoxia—An Ultrasound and MRI Study. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 2019-2029.	4.3	187
132	The ACE Gene and Human Performance. Sports Medicine, 2011, 41, 433-448.	6.5	158
133	Genetic Influences in Sport and Physical Performance. Sports Medicine, 2011, 41, 845-859.	6.5	96
134	Global health and climate change: moving from denial and catastrophic fatalism to positive action. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 1866-1882.	3.4	54
135	Cardiac response to hypobaric hypoxia: persistent changes in cardiac mass, function, and energy metabolism after a trek to Mt. Everest Base Camp. FASEB Journal, 2011, 25, 792-796.	0.5	85
136	The role of nitrogen oxides in human adaptation to hypoxia. Scientific Reports, 2011, 1, 109.	3.3	103
137	Normobaric hypoxia impairs human cardiac energetics. FASEB Journal, 2011, 25, 3130-3135.	0.5	36
138	P66 Inter-observer reliability of ultrasound to measure rectus femoris cross-sectional area in critically ill patients. Thorax, 2011, 66, A95-A95.	5.6	2
139	Tissue Oxygen Saturation and Outcome after Cardiac Surgery. American Journal of Critical Care, 2011, 20, 138-145.	1.6	24
140	C-Reactive Protein Gene Variant and the Human Left Ventricular Growth Response to Exercise: Data From the LARGE Heart Study. Journal of Cardiovascular Pharmacology, 2010, 55, 26-29.	1.9	4
141	Telomeres are shorter in myocardial infarction patients compared to healthy subjects: correlation with environmental risk factors. Journal of Molecular Medicine, 2010, 88, 785-794.	3.9	42
142	Design and conduct of Caudwell Xtreme Everest: an observational cohort study of variation in human adaptation to progressive environmental hypoxia. BMC Medical Research Methodology, 2010, 10, 98.	3.1	46
143	Variation in human performance in the hypoxic mountain environment. Experimental Physiology, 2010, 95, 463-470.	2.0	42
144	Structure to function: muscle failure in critically ill patients. Journal of Physiology, 2010, 588, 4641-4648.	2.9	75

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145	A Review of Electrocardiography in the High Altitude Environment. High Altitude Medicine and Biology, 2010, 11, 51-60.	0.9	26
146	Natural selection on <i>EPAS1</i> (<i>HIF2α</i>) associated with low hemoglobin concentration in Tibetan highlanders. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11459-11464.	7.1	708
147	W56 TELOMERES ARE SHORTER IN PATIENTS WITH POLYGENIC AND MONOGENIC FORMS OF CORONARY HEART DISEASE. Atherosclerosis Supplements, 2010, 11, 12.	1.2	0
148	Neuromuscular Blockers and ARDS. New England Journal of Medicine, 2010, 363, 2562-2564.	27.0	14
149	Caudwell Xtreme Everest Expedition. High Altitude Medicine and Biology, 2010, 11, 133-137.	0.9	27
150	The Effect of High-Altitude on Human Skeletal Muscle Energetics: 31P-MRS Results from the Caudwell Xtreme Everest Expedition. PLoS ONE, 2010, 5, e10681.	2.5	50
151	Arterial Blood Gases and Oxygen Content in Climbers on Mount Everest. New England Journal of Medicine, 2009, 360, 140-149.	27.0	399
152	Climate change: how grave the threat?. Clinical Medicine, 2009, 9, 309-310.	1.9	3
153	The effect of angiotensin-converting enzyme genotype on acute mountain sickness and summit success in trekkers attempting the summit of Mt. Kilimanjaro (5,895Âm). European Journal of Applied Physiology, 2009, 105, 373-379.	2.5	32
154	The combined impact of metabolic gene polymorphisms on elite endurance athlete status and related phenotypes. Human Genetics, 2009, 126, 751-761.	3.8	108
155	The common G-866A polymorphism of the UCP2 gene and survival in diabetic patients following myocardial infarction. Cardiovascular Diabetology, 2009, 8, 31.	6.8	16
156	Electrocardiographic (ECG) criteria for determining left ventricular mass in young healthy men; data from the LARGE Heart study. Journal of Cardiovascular Magnetic Resonance, 2009, 11, 2.	3.3	31
157	Genetic research and testing in sport and exercise science: A review of the issues. Journal of Sports Sciences, 2009, 27, 1109-1116.	2.0	18
158	DOWN-REGULATION OF ACE EXPRESSION IN HUVECS USING siRNA RESULTS IN DOWN-REGULATION OF UCP2 EXPRESSION: A POTENTIAL MECHANISM OF THE CLINICAL BENEFIT OF ACE-INHIBITORS?. Atherosclerosis, 2009, 207, e10.	0.8	1
159	Managing the health effects of climate change. Lancet, The, 2009, 373, 1693-1733.	13.7	2,195
160	Climate change is not the biggest global health threat – Authors' reply. Lancet, The, 2009, 374, 974-975.	13.7	3
161	Higher IL-6 levels but not IL6 â^'174G>C or â^'572G>C genotype are associated with post-operative complication following coronary artery bypass graft (CABC) surgery. Atherosclerosis, 2009, 204, 196-201.	0.8	17
162	Angiotensin-converting enzyme and angiotensin II receptor subtype 2 genotypes in type 1 diabetes and severe hypoglycaemia requiring emergency treatment: a case cohort study. Pharmacogenetics and Genomics, 2009, 19, 864-868.	1.5	10

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163	Sudden Cardiac Death in the Mountain Environment. Medicina Sportiva, 2009, 13, 197-202.	0.3	5
164	Angiotensin-converting enzyme genotype and late respiratory complications of mustard gas exposure. BMC Pulmonary Medicine, 2008, 8, 15.	2.0	10
165	Genetic Variation and Activity of the Renin-Angiotensin System and Severe Hypoglycemia in Type 1 Diabetes. American Journal of Medicine, 2008, 121, 246.e1-246.e8.	1.5	20
166	High Altitude Arrhythmias. Cardiology, 2008, 111, 239-246.	1.4	55
167	Cenetophysiology: Using Genetic Strategies to Explore Hypoxic Adaptation. High Altitude Medicine and Biology, 2008, 9, 123-129.	0.9	21
168	Different contributions of the angiotensin-converting enzyme C-domain and N-domain in subjects with the angiotensin-converting enzyme II and DD genotype. Journal of Hypertension, 2008, 26, 706-713.	0.5	14
169	Vitamin D receptor genotypes influence quadriceps strength in chronic obstructive pulmonary disease. American Journal of Clinical Nutrition, 2008, 87, 385-390.	4.7	120
170	Angiotensin-Converting Enzyme Genotype and Successful Ascent to Extreme High Altitude. High Altitude Medicine and Biology, 2007, 8, 278-285.	0.9	39
171	Impact of genetic factors on outcome from brain injury. British Journal of Anaesthesia, 2007, 99, 43-48.	3.4	34
172	Angiotensin-Converting Enzyme Genotype Interacts With Systolic Blood Pressure to Determine Coronary Heart Disease Risk in Healthy Middle-Aged Men. Hypertension, 2007, 50, 348-353.	2.7	9
173	Haplotype of growth hormone and angiotensin I-converting enzyme genes, serum angiotensin I-converting enzyme and ventricular growth: pathway inference in pharmacogenetics. Pharmacogenetics and Genomics, 2007, 17, 291-294.	1.5	10
174	The lipoprotein lipase gene serine 447 stop variant influences hypertension-induced left ventricular hypertrophy and risk of coronary heart disease. Clinical Science, 2007, 112, 617-624.	4.3	11
175	Genetic Risk Factors for Subarachnoid Hemorrhage. Neurosurgery, 2007, 61, 197-198.	1.1	4
176	Lipoprotein-associated phospholipase A2 A379V variant is associated with body composition changes in response to exercise training. Nutrition, Metabolism and Cardiovascular Diseases, 2007, 17, 24-31.	2.6	11
177	The association of left ventricular mass with blood pressure, cigarette smoking and alcohol consumption; data from the LARGE heart study. International Journal of Cardiology, 2007, 120, 52-58.	1.7	23
178	Genetic Basis of Physical Fitness. Annual Review of Anthropology, 2007, 36, 391-405.	1.5	11
179	High-altitude physiology and pathophysiology: implications and relevance for intensive care medicine. Critical Care, 2007, 11, 203.	5.8	150
180	Caudwell Xtreme Everest: a field study of human adaptation to hypoxia. Critical Care, 2007, 11, 151.	5.8	28

#	Article	IF	CITATIONS
181	The Impact of ACE Genotype on Serum ACE Activity in a Black South African Male Population. Annals of Human Genetics, 2007, 71, 1-7.	0.8	18
182	The interleukin-6 gene -174G>C and -572G>C promoter polymorphisms are related to cerebral aneurysms. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 915-917.	1.9	54
183	+9/+9 Homozygosity of the bradykinin receptor gene polymorphism is associated with reduced fat-free mass in chronic obstructive pulmonary disease. American Journal of Clinical Nutrition, 2006, 83, 912-917.	4.7	28
184	Glucose-Insulin and Potassium Infusions in Septic Shock. Chest, 2006, 129, 800-804.	0.8	20
185	In Reply: Is Intensive Insulin Therapy Safe in the Critically Ill?. Chest, 2006, 130, 1278-1279.	0.8	1
186	The associations of ACE polymorphisms with physical, physiological and skill parameters in adolescents. European Journal of Human Genetics, 2006, 14, 332-339.	2.8	52
187	PPARα gene variation and physical performance in Russian athletes. European Journal of Applied Physiology, 2006, 97, 103-108.	2.5	100
188	Variation in the lipoprotein lipase gene influences exercise-induced left ventricular growth. Journal of Molecular Medicine, 2006, 84, 126-131.	3.9	7
189	Lack of change in serum angiotensin-converting enzyme activity during the menstrual cycle. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2006, 7, 231-235.	1.7	1
190	No association between Angiotensin Converting Enzyme (ACE) gene variation and endurance athlete status in Kenyans. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2005, 141, 169-175.	1.8	81
191	Performance at altitude and angiotensin I-converting enzyme genotype. European Journal of Applied Physiology, 2005, 93, 630-633.	2.5	51
192	Polymorphism of the heme oxygenase-1 gene and cerebral aneurysms. British Journal of Neurosurgery, 2005, 19, 317-321.	0.8	23
193	Terrorism and the Medical Response. New England Journal of Medicine, 2005, 353, 543-545.	27.0	58
194	Variation in the Interleukin-6 Gene Is Associated with Impaired Cognitive Development in Children Born Prematurely: A Preliminary Study. Pediatric Research, 2005, 58, 117-120.	2.3	41
195	W13-P-023 Common haplotypes of the IL18 gene and their effect on cardiovascular disease progression following an inflammatory insult. Atherosclerosis Supplements, 2005, 6, 91.	1.2	0
196	Angiotension-converting enzyme gene I/D polymorphism in patients with angina and normal coronary arteriograms. International Journal of Cardiology, 2005, 98, 339-340.	1.7	4
197	Does angiotensin-1 converting enzyme genotype influence motor or cognitive development after pre-term birth?. Journal of Neuroinflammation, 2005, 2, 6.	7.2	4
198	ACE Genotype Is Not Associated With Elite Endurance Athlete Status In Kenyans. Medicine and Science in Sports and Exercise, 2005, 37, S167.	0.4	0

#	Article	IF	CITATIONS
199	Circulating angiotensin converting enzyme activity is correlated with muscle strength. Medicine and Science in Sports and Exercise, 2005, 37, 944-8.	0.4	54
200	?Cardiovascular risk in healthy men and markers of oxidative stress in diabetic men are associated with common variation in the gene for uncoupling protein 2. European Heart Journal, 2004, 25, 468-475.	2.2	95
201	Angiotensin Converting Enzyme Genotype and Strength in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 395-399.	5.6	102
202	Genetic Variation and Physical Performance. , 2004, 93, 270-302.		3
203	Does Interleukin-6 Genotype Influence Cerebral Injury or Developmental Progress After Preterm Birth?. Pediatrics, 2004, 114, 941-947.	2.1	73
204	Angiotensin-converting enzyme and human physical performance. Equine and Comparative Exercise Physiology, 2004, 1, 255-260.	0.4	3
205	Gene-environment interactions and the response to exercise. International Journal of Experimental Pathology, 2004, 81, 283-287.	1.3	4
206	Effect of enalapril and losartan on cytokines in patients with stable angina pectoris awaiting coronary artery bypass grafting and their interaction with polymorphisms in the interleukin-6 gene. American Journal of Cardiology, 2004, 94, 564-569.	1.6	34
207	The serum angiotensin-converting enzyme and angiotensin II response to altered posture and acute exercise, and the influence of ACE genotype. European Journal of Applied Physiology, 2004, 91, 342-348.	2.5	14
208	IL-6?174G/C genotype is associated with the bone mineral density response to oestrogen replacement therapy in post-menopausal women. European Journal of Applied Physiology, 2004, 92, 227-230.	2.5	5
209	The ACE gene insertion/deletion polymorphism and elite endurance swimming. European Journal of Applied Physiology, 2004, 92, 360-2.	2.5	71
210	The â^'344T>C promoter variant of the gene for aldosterone synthase (CYP11B2) is not associated with cardiovascular risk in a prospective study of UK healthy men. Atherosclerosis, 2004, 174, 81-86.	0.8	12
211	ACE Gene Polymorphism in COPD. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 572-573.	5.6	14
212	Bradykinin receptor gene variant and human physical performance. Journal of Applied Physiology, 2004, 96, 938-942.	2.5	89
213	Stressing the system. European Journal of Clinical Investigation, 2003, 33, 635-641.	3.4	3
214	Cortical bone resorption during exercise is interleukin-6 genotype-dependent. European Journal of Applied Physiology, 2003, 89, 21-25.	2.5	30
215	In search of genetic precision. Lancet, The, 2003, 361, 1909.	13.7	1
216	Angiotensin-converting enzyme DD genotype is associated with worse perinatal cardiorespiratory adaptation in preterm infants. Journal of Pediatrics, 2003, 143, 746-749.	1.8	30

#	Article	IF	CITATIONS
217	Genetic Variants of Angiotensin II Receptors and Cardiovascular Risk in Hypertension. Hypertension, 2003, 42, 500-506.	2.7	84
218	Is Interleukin-6 -174 Genotype Associated With the Development of Septicemia in Preterm Infants?. Pediatrics, 2003, 112, 800-803.	2.1	71
219	ACE in COPD: a therapeutic target?. Thorax, 2003, 58, 556-558.	5.6	33
220	Angiotensin-converting enzyme genotype and the ventilatory responseto exertional hypoxia. European Respiratory Journal, 2003, 22, 755-760.	6.7	45
221	Variation in bradykinin receptor genes increases the cardiovascular risk associated with hypertension. European Heart Journal, 2003, 24, 1672-1680.	2.2	50
222	The renin–angiotensin system and physical performance. Biochemical Society Transactions, 2003, 31, 1286-1289.	3.4	14
223	Peroxisome Proliferator–Activated Receptor α Gene Regulates Left Ventricular Growth in Response to Exercise and Hypertension. Circulation, 2002, 105, 950-955.	1.6	149
224	The Gly389Arg beta-1 adrenoceptor polymorphism and cardiovascular disease: time for a rethink in the funding of genetic studies?. European Heart Journal, 2002, 23, 1071-1074.	2.2	10
225	Human Performance: A Role for the ACE Genotype?. Exercise and Sport Sciences Reviews, 2002, 30, 184-190.	3.0	104
226	No association between high-altitude tolerance and the ACE I/D gene polymorphism. Medicine and Science in Sports and Exercise, 2002, 34, 1928-1933.	0.4	66
227	Angiotensin Converting Enzyme Insertion/Deletion Polymorphism Is Associated with Susceptibility and Outcome in Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 646-650.	5.6	511
228	Severity of Meningococcal Disease in Children and the Angiotensin-Converting Enzyme Insertion/Deletion Polymorphism. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 1103-1106.	5.6	90
229	Left Ventricular Mass. Hypertension, 2002, 40, 673-678.	2.7	146
230	Insertion/Deletion Polymorphism of the Angiotensin I-Converting Enzyme Gene and Arterial Oxygen Saturation at High Altitude. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 362-366.	5.6	82
231	Is genotype or phenotype the better tool for investigating the role of ACE in human cardiovascular disease?. European Heart Journal, 2002, 23, 1083-1086.	2.2	16
232	ACE Genotype and Performance. Journal of Applied Physiology, 2002, 92, 1774-1777.	2.5	10
233	Haplotype analysis of the PPARgamma Pro12Ala and C1431T variants reveals opposing associations with body weight. BMC Genetics, 2002, 3, 21.	2.7	113
234	Endurance enhancement related to the human angiotensin I-converting enzyme I-D polymorphism is not due to differences in the cardiorespiratory response to training. European Journal of Applied Physiology, 2002, 86, 240-244.	2.5	72

#	Article	IF	CITATIONS
235	Bradykinin B2BKR receptor polymorphism and left-ventricular growth response. Lancet, The, 2001, 358, 1155-1156.	13.7	103
236	Elite swimmers and the D allele of the ACE I/D polymorphism. Human Genetics, 2001, 108, 230-232.	3.8	185
237	A functional polymorphic variant in the interleukin-6 gene promoter associated with low bone resorption in postmenopausal women. Arthritis and Rheumatism, 2001, 44, 196-201.	6.7	91
238	The angiotensin converting enzyme I/D polymorphism in Russian athletes. European Journal of Human Genetics, 2001, 9, 797-801.	2.8	204
239	Statin therapy and the acute inflammatory response after coronary artery bypass grafting. American Journal of Cardiology, 2001, 88, 431-433.	1.6	60
240	Increased QT dispersion with the D-allele of the ACE polymorphism. European Heart Journal, 2001, 22, 618-621.	2.2	3
241	Angiotensin-I Converting Enzyme Genotype-Dependent Benefit from Hormone Replacement Therapy in Isometric Muscle Strength and Bone Mineral Density ¹ . Journal of Clinical Endocrinology and Metabolism, 2001, 86, 2200-2204.	3.6	46
242	Left Ventricular Hypertrophy With Exercise and ACE Gene Insertion/Deletion Polymorphism. Circulation, 2001, 103, 226-230.	1.6	119
243	Effect of a <i>COL1A1</i> Sp1 Binding Site Polymorphism on Arterial Pulse Wave Velocity. Hypertension, 2001, 38, 444-448.	2.7	41
244	Angiotensin-Converting Enzyme and Genetics at High Altitude. High Altitude Medicine and Biology, 2001, 2, 201-210.	0.9	46
245	Angiotensin-Converting Enzyme Genotype Affects the Response of Human Skeletal Muscle to Functional Overload. Experimental Physiology, 2000, 85, 575-579.	2.0	137
246	Cardiac reserve: linking physiology and genetics. Intensive Care Medicine, 2000, 26, S137-S144.	8.2	9
247	The genetics of critical illness. Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine, 2000, 11, 71-75.	0.1	0
248	Genetics of inflammation and risk of coronary artery disease: the central role of interleukin-6. European Heart Journal, 2000, 21, 1574-1583.	2.2	184
249	The ACE I/D Polymorphism and Human Physical Performance. Trends in Endocrinology and Metabolism, 2000, 11, 416-420.	7.1	97
250	Angiotensin-converting enzyme genotype affects the response of human skeletal muscle to functional overload. Experimental Physiology, 2000, 85, 575-579.	2.0	54
251	Gene-environment interactions and the response to exercise. International Journal of Experimental Pathology, 2000, 81, 283-287.	1.3	8
252	Angiotensin-converting enzyme genotype affects the response of human skeletal muscle to functional overload. Experimental Physiology, 2000, 85, 575-9.	2.0	58

#	Article	IF	CITATIONS
253	Human angiotensin I-converting enzyme gene and endurance performance. Journal of Applied Physiology, 1999, 87, 1313-1316.	2.5	348
254	Gene-Environment Interaction in the Determination of Levels of Plasma Fibrinogen. Thrombosis and Haemostasis, 1999, 82, 818-825.	3.4	38
255	Angiotensin-converting-enzyme gene insertion/deletion polymorphism and response to physical training. Lancet, The, 1999, 353, 541-545.	13.7	232
256	Exercise training enhances endothelial function in young men. Journal of the American College of Cardiology, 1999, 33, 1379-1385.	2.8	366
257	Reply from Dr Marko Kerac. Tropical Doctor, 1999, 29, 116-116.	0.5	0
258	High intensity training and the heart. British Journal of Hospital Medicine, 1999, 60, 187-191.	0.2	1
259	The genetics of physical fitness. British Journal of Sports Medicine, 1999, 33, 375.	6.7	1
260	Beyond coagulation: fibrinogen as a cause of cardiovascular surgical disease. Cardiovascular Drugs and Therapy, 1998, 12, 261-265.	2.6	2
261	A Low Cost Spacer Device Used for Asthma Treatment in a Calcutta Street Clinic to Improve Efficacy of Metered Dose Inhalers. Tropical Doctor, 1998, 28, 228-229.	0.5	4
262	Should the contribution of ACE gene polymorphism to left ventricular hypertrophy be reconsidered?. Heart, 1997, 77, 489-490.	2.9	9
263	Sinus arrest and severe peripheral vasodilation following cardiopulmonary bypass in a patient taking nicorandil. Cardiovascular Drugs and Therapy, 1997, 11, 81-81.	2.6	9
264	Association of Angiotensin-Converting Enzyme Gene <i>I/D</i> Polymorphism With Change in Left Ventricular Mass in Response to Physical Training. Circulation, 1997, 96, 741-747.	1.6	296
265	The Acute Rise in Plasma Fibrinogen Concentration With Exercise Is Influenced by the G- ₄₅₃ -A Polymorphism of the β-Fibrinogen Gene. Arteriosclerosis, Thrombosis, and Vascular Biology, 1996, 16, 386-391.	2.4	109
266	Gene-environment interaction in coronary artery disease (CAD). Scandinavian Journal of Clinical and Laboratory Investigation, 1996, 56, 19-22.	1.2	0
267	Pulmonary embolism as a cause of pulmonary oedema. Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine, 1995, 6, 184-188.	0.1	0
268	Lack of association between the insertion/deletion polymorphism of the angiotensin-converting enzyme gene and idiopathic dilated cardiomyopathy. Journal of the American College of Cardiology, 1995, 25, 1627-1631.	2.8	60
269	Salicylate intoxication causing a severe systemic inflammatory response and rhabdomyolysis. American Journal of Emergency Medicine, 1994, 12, 531-532.	1.6	11

270 Genetics and Sports Participation. , 0, , 548-579.

#	Article	IF	CITATIONS
271	Physiology of ventilation and gas exchange. , 0, , 1-20.		0
272	Applying machine learning to automated segmentation of head and neck tumour volumes and organs at risk on radiotherapy planning CT and MRI scans. F1000Research, 0, 5, 2104.	1.6	13