

# Hugh E Montgomery

## List of Publications by Citations

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261  
papers

16,756  
citations

60  
h-index

126  
g-index

280  
ext. papers

21,226  
ext. citations

8.5  
avg, IF

6  
L-index

#	Paper	IF	Citations
261	Managing the health effects of climate change: Lancet and University College London Institute for Global Health Commission. <i>Lancet, The</i> , <b>2009</b> , 373, 1693-733	40	1510
260	Clinically applicable deep learning for diagnosis and referral in retinal disease. <i>Nature Medicine</i> , <b>2018</b> , 24, 1342-1350	50.5	938
259	Acute skeletal muscle wasting in critical illness. <i>JAMA - Journal of the American Medical Association</i> , <b>2013</b> , 310, 1591-600	27.4	935
258	Health and climate change: policy responses to protect public health. <i>Lancet, The</i> , <b>2015</b> , 386, 1861-914	40	932
257	Natural selection on EPAS1 (HIF2alpha) associated with low hemoglobin concentration in Tibetan highlanders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 11459-64	11.5	551
256	The Lancet Countdown on health and climate change: from 25 years of inaction to a global transformation for public health. <i>Lancet, The</i> , <b>2018</b> , 391, 581-630	40	521
255	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. <i>Lancet, The</i> , <b>2019</b> , 394, 1836-1878	40	506
254	Genetic mechanisms of critical illness in COVID-19. <i>Nature</i> , <b>2021</b> , 591, 92-98	50.4	451
253	Angiotensin converting enzyme insertion/deletion polymorphism is associated with susceptibility and outcome in acute respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 166, 646-50	10.2	408
252	The 2018 report of the Lancet Countdown on health and climate change: shaping the health of nations for centuries to come. <i>Lancet, The</i> , <b>2018</b> , 392, 2479-2514	40	383
251	The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. <i>Lancet, The</i> , <b>2021</b> , 397, 129-170	40	364
250	A clinically applicable approach to continuous prediction of future acute kidney injury. <i>Nature</i> , <b>2019</b> , 572, 116-119	50.4	343
249	Exercise training enhances endothelial function in young men. <i>Journal of the American College of Cardiology</i> , <b>1999</b> , 33, 1379-85	15.1	326
248	Arterial blood gases and oxygen content in climbers on Mount Everest. <i>New England Journal of Medicine</i> , <b>2009</b> , 360, 140-9	59.2	310
247	Human angiotensin I-converting enzyme gene and endurance performance. <i>Journal of Applied Physiology</i> , <b>1999</b> , 87, 1313-6	3.7	302
246	Association of angiotensin-converting enzyme gene I/D polymorphism with change in left ventricular mass in response to physical training. <i>Circulation</i> , <b>1997</b> , 96, 741-7	16.7	239
245	The Lancet Countdown: tracking progress on health and climate change. <i>Lancet, The</i> , <b>2017</b> , 389, 1151-1164	40	218

244	Angiotensin-converting-enzyme gene insertion/deletion polymorphism and response to physical training. <i>Lancet, The</i> , <b>1999</b> , 353, 541-5	40	202
243	The angiotensin converting enzyme I/D polymorphism in Russian athletes. <i>European Journal of Human Genetics</i> , <b>2001</b> , 9, 797-801	5.3	171
242	Cerebral artery dilatation maintains cerebral oxygenation at extreme altitude and in acute hypoxia--an ultrasound and MRI study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2011</b> , 31, 2019-297.3	7.3	166
241	The Great British Medalists Project: A Review of Current Knowledge on the Development of the World's Best Sporting Talent. <i>Sports Medicine</i> , <b>2016</b> , 46, 1041-58	10.6	158
240	Elite swimmers and the D allele of the ACE I/D polymorphism. <i>Human Genetics</i> , <b>2001</b> , 108, 230-2	6.3	158
239	Genetics of inflammation and risk of coronary artery disease: the central role of interleukin-6. <i>European Heart Journal</i> , <b>2000</b> , 21, 1574-83	9.5	154
238	Genetic signatures reveal high-altitude adaptation in a set of ethiopian populations. <i>Molecular Biology and Evolution</i> , <b>2013</b> , 30, 1877-88	8.3	137
237	Peroxisome proliferator--activated receptor alpha gene regulates left ventricular growth in response to exercise and hypertension. <i>Circulation</i> , <b>2002</b> , 105, 950-5	16.7	135
236	Left ventricular mass: reliability of M-mode and 2-dimensional echocardiographic formulas. <i>Hypertension</i> , <b>2002</b> , 40, 673-8	8.5	132
235	The ACE gene and human performance: 12 years on. <i>Sports Medicine</i> , <b>2011</b> , 41, 433-48	10.6	117
234	Left ventricular hypertrophy with exercise and ACE gene insertion/deletion polymorphism: a randomized controlled trial with losartan. <i>Circulation</i> , <b>2001</b> , 103, 226-30	16.7	111
233	Metabolic basis to Sherpa altitude adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 6382-6387	11.5	107
232	Acclimatization of skeletal muscle mitochondria to high-altitude hypoxia during an ascent of Everest. <i>FASEB Journal</i> , <b>2012</b> , 26, 1431-41	0.9	104
231	The acute rise in plasma fibrinogen concentration with exercise is influenced by the G-453-A polymorphism of the beta-fibrinogen gene. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1996</b> , 16, 386-91	9.4	103
230	High-altitude physiology and pathophysiology: implications and relevance for intensive care medicine. <i>Critical Care</i> , <b>2007</b> , 11, 203	10.8	102
229	Haplotype analysis of the PPARgamma Pro12Ala and C1431T variants reveals opposing associations with body weight. <i>BMC Genetics</i> , <b>2002</b> , 3, 21	2.6	102
228	Qualitative Ultrasound in Acute Critical Illness Muscle Wasting. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 1603-11	1.4	101
227	Vitamin D receptor genotypes influence quadriceps strength in chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2008</b> , 87, 385-90	7	99

226	Angiotensin converting enzyme genotype and strength in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2004</b> , 170, 395-9	10.2	96
225	Angiotensin-Converting Enzyme Genotype Affects the Response of Human Skeletal Muscle to Functional Overload. <i>Experimental Physiology</i> , <b>2000</b> , 85, 575-579	2.4	96
224	Bradykinin B2BKR receptor polymorphism and left-ventricular growth response. <i>Lancet, The</i> , <b>2001</b> , 358, 1155-6	40	96
223	The effect of intravenous interferon-beta-1a (FP-1201) on lung CD73 expression and on acute respiratory distress syndrome mortality: an open-label study. <i>Lancet Respiratory Medicine, the</i> , <b>2014</b> , 2, 98-107	35.1	93
222	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. <i>Lancet, The</i> , <b>2021</b> , 398, 1619-1662	40	90
221	The role of nitrogen oxides in human adaptation to hypoxia. <i>Scientific Reports</i> , <b>2011</b> , 1, 109	4.9	87
220	The combined impact of metabolic gene polymorphisms on elite endurance athlete status and related phenotypes. <i>Human Genetics</i> , <b>2009</b> , 126, 751-61	6.3	84
219	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. <i>European Heart Journal</i> , <b>2004</b> , 25, 468-75	9.5	84
218	The ACE I/D polymorphism and human physical performance. <i>Trends in Endocrinology and Metabolism</i> , <b>2000</b> , 11, 416-20	8.8	84
217	Human performance: a role for the ACE genotype?. <i>Exercise and Sport Sciences Reviews</i> , <b>2002</b> , 30, 184-906.7		83
216	A functional polymorphic variant in the interleukin-6 gene promoter associated with low bone resorption in postmenopausal women. <i>Arthritis and Rheumatism</i> , <b>2001</b> , 44, 196-201		79
215	Metabolic phenotype of skeletal muscle in early critical illness. <i>Thorax</i> , <b>2018</b> , 73, 926-935	7.3	77
214	Severity of meningococcal disease in children and the angiotensin-converting enzyme insertion/deletion polymorphism. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 165, 1103-6	10.2	77
213	PPARalpha gene variation and physical performance in Russian athletes. <i>European Journal of Applied Physiology</i> , <b>2006</b> , 97, 103-8	3.4	75
212	Bradykinin receptor gene variant and human physical performance. <i>Journal of Applied Physiology</i> , <b>2004</b> , 96, 938-42	3.7	74
211	Cardiac response to hypobaric hypoxia: persistent changes in cardiac mass, function, and energy metabolism after a trek to Mt. Everest Base Camp. <i>FASEB Journal</i> , <b>2011</b> , 25, 792-6	0.9	73
210	Genetic variants of angiotensin II receptors and cardiovascular risk in hypertension. <i>Hypertension</i> , <b>2003</b> , 42, 500-6	8.5	73
209	Insertion/deletion polymorphism of the angiotensin I-converting enzyme gene and arterial oxygen saturation at high altitude. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 166, 362-6	10.2	72

208	Genetic influences in sport and physical performance. <i>Sports Medicine</i> , <b>2011</b> , 41, 845-59	10.6	71
207	Health risks, present and future, from global climate change. <i>BMJ, The</i> , <b>2012</b> , 344, e1359	5.9	66
206	Association analysis of ACE and ACTN3 in elite Caucasian and East Asian swimmers. <i>Medicine and Science in Sports and Exercise</i> , <b>2013</b> , 45, 892-900	1.2	64
205	Endurance enhancement related to the human angiotensin I-converting enzyme I-D polymorphism is not due to differences in the cardiorespiratory response to training. <i>European Journal of Applied Physiology</i> , <b>2002</b> , 86, 240-4	3.4	64
204	No association between Angiotensin Converting Enzyme (ACE) gene variation and endurance athlete status in Kenyans. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2005</b> , 141, 169-75	2.6	63
203	Is interleukin-6 -174 genotype associated with the development of septicemia in preterm infants?. <i>Pediatrics</i> , <b>2003</b> , 112, 800-3	7.4	62
202	Cerebral venous system and anatomical predisposition to high-altitude headache. <i>Annals of Neurology</i> , <b>2013</b> , 73, 381-9	9.4	60
201	Does interleukin-6 genotype influence cerebral injury or developmental progress after preterm birth?. <i>Pediatrics</i> , <b>2004</b> , 114, 941-7	7.4	59
200	Structure to function: muscle failure in critically ill patients. <i>Journal of Physiology</i> , <b>2010</b> , 588, 4641-8	3.9	55
199	Rectus Femoris Cross-Sectional Area and Muscle Layer Thickness: Comparative Markers of Muscle Wasting and Weakness. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 195, 136-138	10.2	53
198	Lack of association between the insertion/deletion polymorphism of the angiotensin-converting enzyme gene and idiopathic dilated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , <b>1995</b> , 25, 1627-31	15.1	53
197	Neuromuscular blockade and skeletal muscle weakness in critically ill patients: time to rethink the evidence?. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 185, 911-7	10.2	52
196	Circulating angiotensin converting enzyme activity is correlated with muscle strength. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 944-8	1.2	52
195	The ACE gene insertion/deletion polymorphism and elite endurance swimming. <i>European Journal of Applied Physiology</i> , <b>2004</b> , 92, 360-2	3.4	51
194	Statin therapy and the acute inflammatory response after coronary artery bypass grafting. <i>American Journal of Cardiology</i> , <b>2001</b> , 88, 431-3	3	51
193	No association between high-altitude tolerance and the ACE I/D gene polymorphism. <i>Medicine and Science in Sports and Exercise</i> , <b>2002</b> , 34, 1928-33	1.2	51
192	Preventing the progression of climate change: one drug or polypill?. <i>Biofuel Research Journal</i> , <b>2017</b> , 4, 536-536	13.9	51
191	Genetic mechanisms of critical illness in Covid-19		51

190	Angiotensin-Converting Enzyme Genotype Affects the Response of Human Skeletal Muscle to Functional Overload <b>2000</b> , 85, 575		50
189	Angiotensin-converting enzyme genotype affects the response of human skeletal muscle to functional overload. <i>Experimental Physiology</i> , <b>2000</b> , 85, 575-9	2.4	48
188	The London attacks--preparedness: Terrorism and the medical response. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 543-5	59.2	47
187	Bone structure and geometry in young men: the influence of smoking, alcohol intake and physical activity. <i>Bone</i> , <b>2013</b> , 52, 17-26	4.7	46
186	Global health and climate change: moving from denial and catastrophic fatalism to positive action. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2011</b> , 369, 1866-82 <sup>3</sup>		46
185	Angiotensin-I converting enzyme genotype-dependent benefit from hormone replacement therapy in isometric muscle strength and bone mineral density. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2001</b> , 86, 2200-4	5.6	46
184	Variation in bradykinin receptor genes increases the cardiovascular risk associated with hypertension. <i>European Heart Journal</i> , <b>2003</b> , 24, 1672-80	9.5	45
183	The effect of high-altitude on human skeletal muscle energetics: P-MRS results from the Caudwell Xtreme Everest expedition. <i>PLoS ONE</i> , <b>2010</b> , 5, e10681	3.7	45
182	High altitude arrhythmias. <i>Cardiology</i> , <b>2008</b> , 111, 239-46	1.6	44
181	The interleukin-6 gene -174G>C and -572G>C promoter polymorphisms are related to cerebral aneurysms. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2006</b> , 77, 915-7	5.5	44
180	Performance at altitude and angiotensin I-converting enzyme genotype. <i>European Journal of Applied Physiology</i> , <b>2005</b> , 93, 630-3	3.4	44
179	Design and conduct of Caudwell Xtreme Everest: an observational cohort study of variation in human adaptation to progressive environmental hypoxia. <i>BMC Medical Research Methodology</i> , <b>2010</b> , 10, 98	4.7	43
178	Angiotensin-converting enzyme and genetics at high altitude. <i>High Altitude Medicine and Biology</i> , <b>2001</b> , 2, 201-10	1.9	43
177	Angiotensin-converting enzyme genotype and the ventilatory response to exertional hypoxia. <i>European Respiratory Journal</i> , <b>2003</b> , 22, 755-60	13.6	41
176	Climate warming will not decrease winter mortality. <i>Nature Climate Change</i> , <b>2014</b> , 4, 190-194	21.4	40
175	The associations of ACE polymorphisms with physical, physiological and skill parameters in adolescents. <i>European Journal of Human Genetics</i> , <b>2006</b> , 14, 332-9	5.3	40
174	Diarrhoea in the critically ill is common, associated with poor outcome, and rarely due to <i>Clostridium difficile</i> . <i>Scientific Reports</i> , <b>2016</b> , 6, 24691	4.9	37
173	Effects of prolonged exposure to hypobaric hypoxia on oxidative stress, inflammation and gluco-insular regulation: the not-so-sweet price for good regulation. <i>PLoS ONE</i> , <b>2014</b> , 9, e94915	3.7	37

172	Variation in the interleukin-6 gene is associated with impaired cognitive development in children born prematurely: a preliminary study. <i>Pediatric Research</i> , <b>2005</b> , 58, 117-20	3.2	37
171	Hemoglobin concentration, total hemoglobin mass and plasma volume in patients: implications for anemia. <i>Haematologica</i> , <b>2017</b> , 102, 1477-1485	6.6	35
170	Telomeres are shorter in myocardial infarction patients compared to healthy subjects: correlation with environmental risk factors. <i>Journal of Molecular Medicine</i> , <b>2010</b> , 88, 785-94	5.5	35
169	Angiotensin-converting enzyme genotype and successful ascent to extreme high altitude. <i>High Altitude Medicine and Biology</i> , <b>2007</b> , 8, 278-85	1.9	35
168	Effect of a COL1A1 Sp1 binding site polymorphism on arterial pulse wave velocity: an index of compliance. <i>Hypertension</i> , <b>2001</b> , 38, 444-8	8.5	35
167	Left ventricular wall thickness and the presence of asymmetric hypertrophy in healthy young army recruits: data from the LARGE heart study. <i>Circulation: Cardiovascular Imaging</i> , <b>2013</b> , 6, 262-7	3.9	34
166	Variation in human performance in the hypoxic mountain environment. <i>Experimental Physiology</i> , <b>2010</b> , 95, 463-70	2.4	34
165	Metabolic adjustment to high-altitude hypoxia: from genetic signals to physiological implications. <i>Biochemical Society Transactions</i> , <b>2018</b> , 46, 599-607	5.1	33
164	Sudden exertional death in sickle cell trait. <i>British Journal of Sports Medicine</i> , <b>2012</b> , 46, 312-4	10.3	33
163	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. <i>American Journal of Cardiology</i> , <b>2004</b> , 94, 564-9	3	33
162	Gene-Environment Interaction in the Determination of Levels of Plasma Fibrinogen. <i>Thrombosis and Haemostasis</i> , <b>1999</b> , 82, 818-825	7	33
161	The effect of angiotensin-converting enzyme genotype on acute mountain sickness and summit success in trekkers attempting the summit of Mt. Kilimanjaro (5,895 m). <i>European Journal of Applied Physiology</i> , <b>2009</b> , 105, 373-9	3.4	29
160	Effect of Intermittent or Continuous Feed on Muscle Wasting in Critical Illness: A Phase 2 Clinical Trial. <i>Chest</i> , <b>2020</b> , 158, 183-194	5.3	28
159	Normobaric hypoxia impairs human cardiac energetics. <i>FASEB Journal</i> , <b>2011</b> , 25, 3130-5	0.9	28
158	Impact of genetic factors on outcome from brain injury. <i>British Journal of Anaesthesia</i> , <b>2007</b> , 99, 43-8	5.4	28
157	Improving outcomes in patients with Acute Kidney Injury: the impact of hospital based automated AKI alerts. <i>Postgraduate Medical Journal</i> , <b>2016</b> , 92, 9-13	2	27
156	Angiotensin-converting enzyme DD genotype is associated with worse perinatal cardiorespiratory adaptation in preterm infants. <i>Journal of Pediatrics</i> , <b>2003</b> , 143, 746-9	3.6	27
155	Automated analysis of retinal imaging using machine learning techniques for computer vision. <i>F1000Research</i> , <b>2016</b> , 5, 1573	3.6	27



154	Electrocardiographic (ECG) criteria for determining left ventricular mass in young healthy men; data from the LARGE Heart study. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2009</b> , 11, 2	6.9	26
153	+9/+9 Homozygosity of the bradykinin receptor gene polymorphism is associated with reduced fat-free mass in chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , <b>2006</b> , 83, 912-7	7	26
152	Cortical bone resorption during exercise is interleukin-6 genotype-dependent. <i>European Journal of Applied Physiology</i> , <b>2003</b> , 89, 21-5	3.4	26
151	ACE in COPD: a therapeutic target?. <i>Thorax</i> , <b>2003</b> , 58, 556-8	7.3	26
150	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. <i>Critical Care Medicine</i> , <b>2016</b> , 44, e362-9	1.4	26
149	Dysnatremia is a Predictor for Morbidity and Mortality in Hospitalized Patients with COVID-19. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, 1637-1648	5.6	26
148	The development of a postoperative morbidity score to assess total morbidity burden after cardiac surgery. <i>Journal of Clinical Epidemiology</i> , <b>2012</b> , 65, 423-33	5.7	25
147	Caudwell xtreme Everest expedition. <i>High Altitude Medicine and Biology</i> , <b>2010</b> , 11, 133-7	1.9	25
146	How wasting is saving: weight loss at altitude might result from an evolutionary adaptation. <i>BioEssays</i> , <b>2014</b> , 36, 721-9	4.1	24
145	Does hypoxia play a role in the development of sarcopenia in humans? Mechanistic insights from the Caudwell Xtreme Everest Expedition. <i>Redox Biology</i> , <b>2017</b> , 13, 60-68	11.3	24
144	Association of a sequence variant in DAB2IP with coronary heart disease. <i>European Heart Journal</i> , <b>2012</b> , 33, 881-8	9.5	24
143	Clinically Applicable Segmentation of Head and Neck Anatomy for Radiotherapy: Deep Learning Algorithm Development and Validation Study. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e26151	7.6	24
142	Polymorphism of the heme oxygenase-1 gene and cerebral aneurysms. <i>British Journal of Neurosurgery</i> , <b>2005</b> , 19, 317-21	1	23
141	The sensitivity of the human thirst response to changes in plasma osmolality: a systematic review. <i>Perioperative Medicine (London, England)</i> , <b>2018</b> , 7, 1	2.8	22
140	A randomized controlled trial of angiotensin-converting enzyme inhibition for skeletal muscle dysfunction in COPD. <i>Chest</i> , <b>2014</b> , 146, 932-940	5.3	22
139	The association of left ventricular mass with blood pressure, cigarette smoking and alcohol consumption; data from the LARGE Heart study. <i>International Journal of Cardiology</i> , <b>2007</b> , 120, 52-8	3.2	21
138	Palaeoecological and genetic evidence for Neanderthal power locomotion as an adaptation to a woodland environment. <i>Quaternary Science Reviews</i> , <b>2019</b> , 217, 310-315	3.9	20
137	Reducing sound and light exposure to improve sleep on the adult intensive care unit: An inclusive narrative review. <i>Journal of the Intensive Care Society</i> , <b>2018</b> , 19, 138-146	1.6	20



136	A multidisciplinary consensus on dehydration: definitions, diagnostic methods and clinical implications. <i>Annals of Medicine</i> , <b>2019</b> , 51, 232-251	1.5	19
135	Tissue oxygen saturation and outcome after cardiac surgery. <i>American Journal of Critical Care</i> , <b>2011</b> , 20, 138-45	1.7	19
134	Genetic variation and activity of the renin-angiotensin system and severe hypoglycemia in type 1 diabetes. <i>American Journal of Medicine</i> , <b>2008</b> , 121, 246.e1-8	2.4	19
133	Genetophysiology: using genetic strategies to explore hypoxic adaptation. <i>High Altitude Medicine and Biology</i> , <b>2008</b> , 9, 123-9	1.9	19
132	Caudwell Xtreme Everest: A prospective study of the effects of environmental hypoxia on cognitive functioning. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174277	3.7	18
131	Angiotensin-Converting Enzyme Inhibition as an Adjunct to Pulmonary Rehabilitation in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 194, 1349-1357	10.2	18
130	A review of electrocardiography in the high altitude environment. <i>High Altitude Medicine and Biology</i> , <b>2010</b> , 11, 51-60	1.9	18
129	Glucose-insulin and potassium infusions in septic shock. <i>Chest</i> , <b>2006</b> , 129, 800-4	5.3	18
128	Variation in the uncoupling protein 2 and 3 genes and human performance. <i>Journal of Applied Physiology</i> , <b>2012</b> , 112, 1122-7	3.7	17
127	The impact of ACE genotype on serum ACE activity in a black South African male population. <i>Annals of Human Genetics</i> , <b>2007</b> , 71, 1-7	2.2	17
126	Metabolomic and lipidomic plasma profile changes in human participants ascending to Everest Base Camp. <i>Scientific Reports</i> , <b>2019</b> , 9, 2297	4.9	16
125	The common G-866A polymorphism of the UCP2 gene and survival in diabetic patients following myocardial infarction. <i>Cardiovascular Diabetology</i> , <b>2009</b> , 8, 31	8.7	16
124	Higher IL-6 levels but not IL6 -174G>C or -572G>C genotype are associated with post-operative complication following coronary artery bypass graft (CABG) surgery. <i>Atherosclerosis</i> , <b>2009</b> , 204, 196-201	3.1	16
123	Design and conduct of Xtreme Everest 2: An observational cohort study of Sherpa and lowlander responses to graduated hypobaric hypoxia. <i>F1000Research</i> , <b>2015</b> , 4, 90	3.6	16
122	Body Surface Area and Baseline Blood Pressure Predict Subclinical Anthracycline Cardiotoxicity in Women Treated for Early Breast Cancer. <i>PLoS ONE</i> , <b>2016</b> , 11, e0165262	3.7	15
121	The Lichfield bone study: the skeletal response to exercise in healthy young men. <i>Journal of Applied Physiology</i> , <b>2012</b> , 112, 615-26	3.7	13
120	Different contributions of the angiotensin-converting enzyme C-domain and N-domain in subjects with the angiotensin-converting enzyme II and DD genotype. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 706-13	1.9	13
119	The renin-angiotensin system and physical performance. <i>Biochemical Society Transactions</i> , <b>2003</b> , 31, 1286-9	3.9	13

118	The serum angiotensin-converting enzyme and angiotensin II response to altered posture and acute exercise, and the influence of ACE genotype. <i>European Journal of Applied Physiology</i> , <b>2004</b> , 91, 342-8	3.4	13
117	Is genotype or phenotype the better tool for investigating the role of ACE in human cardiovascular disease?. <i>European Heart Journal</i> , <b>2002</b> , 23, 1083-6	9.5	13
116	Association between preoperative haemoglobin concentration and cardiopulmonary exercise variables: a multicentre study. <i>Perioperative Medicine (London, England)</i> , <b>2013</b> , 2, 18	2.8	12
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