

Hugh E Montgomery

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Whole genome sequencing reveals host factors underlying critical Covid-19.. <i>Nature</i> , 2022 ,	50.4	8
260	Common, low-frequency, rare, and ultra-rare coding variants contribute to COVID-19 severity. <i>Human Genetics</i> , 2021 , 141, 147	6.3	3
259	ACSM Expert Consensus Statement: Injury Prevention and Exercise Performance during Cold-Weather Exercise. <i>Current Sports Medicine Reports</i> , 2021 , 20, 594-607	1.9	2
258	The experience of drowning. <i>Medico-Legal Journal</i> , 2021 , 258172211053127	1.4	0
257	Non-invasive respiratory support in the management of acute COVID-19 pneumonia: considerations for clinical practice and priorities for research. <i>Lancet Respiratory Medicine</i> , 2021 ,	35.1	4
256	Digital and technological innovation in vector-borne disease surveillance to predict, detect, and control climate-driven outbreaks. <i>Lancet Planetary Health</i> , 2021 , 5, e739-e745	9.8	3
255	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. <i>Lancet, The</i> , 2021 , 398, 1619-1662	40	90
254	Principles of environmentally-sustainable anaesthesia: a global consensus statement from the World Federation of Societies of Anaesthesiologists. <i>Anaesthesia</i> , 2021 ,	6.6	5
253	A carbon monoxide 'single breath' method to measure total haemoglobin mass: a feasibility study. <i>Experimental Physiology</i> , 2021 , 106, 567-575	2.4	1
252	Genetic mechanisms of critical illness in COVID-19. <i>Nature</i> , 2021 , 591, 92-98	50.4	451
251	Malnutrition risk in hospitalised COVID-19 patients receiving CPAP. <i>Lancet, The</i> , 2021 , 397, 1261	40	1
250	Use of deep learning to develop continuous-risk models for adverse event prediction from electronic health records. <i>Nature Protocols</i> , 2021 , 16, 2765-2787	18.8	7
249	Multitask prediction of organ dysfunction in the intensive care unit using sequential subnetwork routing. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021 , 28, 1936-1946	8.6	2
248	COVID-19: UK frontline intensivists' emerging learning. <i>Journal of the Intensive Care Society</i> , 2021 , 22, 211-213	1.6	0
247	The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. <i>Lancet, The</i> , 2021 , 397, 129-170	40	364
246	In pursuit of the unicorn. <i>Experimental Physiology</i> , 2021 , 106, 385-388	2.4	4
245	Dysnatremia is a Predictor for Morbidity and Mortality in Hospitalized Patients with COVID-19. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 1637-1648	5.6	26

244	Clinically Applicable Segmentation of Head and Neck Anatomy for Radiotherapy: Deep Learning Algorithm Development and Validation Study. <i>Journal of Medical Internet Research</i> , 2021 , 23, e26151	7.6	24
243	Selection pressure at altitude for genes related to alcohol metabolism: A role for endogenous enteric ethanol synthesis?. <i>Experimental Physiology</i> , 2021 , 106, 2155-2167	2.4	
242	Exergy intensity and environmental consequences of the medical face masks curtailing the COVID-19 pandemic: Malign bodyguard?. <i>Journal of Cleaner Production</i> , 2021 , 313, 127880	10.3	7
241	Low serum 25-hydroxyvitamin D status in the pathogenesis of stress fractures in military personnel: An evidenced link to support injury risk management. <i>PLoS ONE</i> , 2020 , 15, e0229638	3.7	10
240	Application of the optimized carbon monoxide rebreathing method for the measurement of total haemoglobin mass in chronic liver disease. <i>Physiological Reports</i> , 2020 , 8, e14402	2.6	3
239	Cannulation of the subclavian vein using real-time ultrasound guidance. <i>Journal of the Intensive Care Society</i> , 2020 , 21, 349-354	1.6	0
238	Thirst-guided participant-controlled intravenous fluid rehydration: a single blind, randomised crossover study. <i>British Journal of Anaesthesia</i> , 2020 ,	5.4	1
237	Effect of Intermittent or Continuous Feed on Muscle Wasting in Critical Illness: A Phase 2 Clinical Trial. <i>Chest</i> , 2020 , 158, 183-194	5.3	28
236	Diarrhoea in critical care is rarely infective in origin, associated with increased length of stay and higher mortality. <i>Journal of the Intensive Care Society</i> , 2020 , 21, 72-78	1.6	1
235	Response. <i>Chest</i> , 2020 , 158, 2708-2711	5.3	
234	Reply to letter [Ultrasound-guided infraclavicular cannulation of the subclavian vein is still an ongoing misconception] <i>Journal of the Intensive Care Society</i> , 2020 , 175114372092490	1.6	
233	Palaeoecological and genetic evidence for Neanderthal power locomotion as an adaptation to a woodland environment. <i>Quaternary Science Reviews</i> , 2019 , 217, 310-315	3.9	20
232	A multidisciplinary consensus on dehydration: definitions, diagnostic methods and clinical implications. <i>Annals of Medicine</i> , 2019 , 51, 232-251	1.5	19
231	Metabolomic and lipidomic plasma profile changes in human participants ascending to Everest Base Camp. <i>Scientific Reports</i> , 2019 , 9, 2297	4.9	16
230	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. <i>Trials</i> , 2019 , 20, 456	2.8	1
229	A clinically applicable approach to continuous prediction of future acute kidney injury. <i>Nature</i> , 2019 , 572, 116-119	50.4	343
228	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> , 2019 , 394, 1836-1878	40	506
227	Implementation of a Digitally Enabled Care Pathway (Part 2): Qualitative Analysis of Experiences of Health Care Professionals. <i>Journal of Medical Internet Research</i> , 2019 , 21, e13143	7.6	6

226	Implementation of a Digitally Enabled Care Pathway (Part 1): Impact on Clinical Outcomes and Associated Health Care Costs. <i>Journal of Medical Internet Research</i> , 2019 , 21, e13147	7.6	10
225	A practical guide to medical ethics for intensivists. <i>Journal of the Intensive Care Society</i> , 2019 , 20, 66-73	1.6	1
224	A practical guide to medical ethics for intensivists: Part 2. <i>Journal of the Intensive Care Society</i> , 2019 , 20, 98-105	1.6	
223	Metabolic adjustment to high-altitude hypoxia: from genetic signals to physiological implications. <i>Biochemical Society Transactions</i> , 2018 , 46, 599-607	5.1	33
222	Non-freezing cold injury: a multi-faceted syndrome. <i>Brain</i> , 2018 , 141, e9	11.2	2
221	The Lancet Countdown on health and climate change: from 25 years of inaction to a global transformation for public health. <i>Lancet, The</i> , 2018 , 391, 581-630	40	521
220	Metabolic phenotype of skeletal muscle in early critical illness. <i>Thorax</i> , 2018 , 73, 926-935	7.3	77
219	The sensitivity of the human thirst response to changes in plasma osmolality: a systematic review. <i>Perioperative Medicine (London, England)</i> , 2018 , 7, 1	2.8	22
218	Clinically applicable deep learning for diagnosis and referral in retinal disease. <i>Nature Medicine</i> , 2018 , 24, 1342-1350	50.5	938
217	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> , 2018 , 392, 2479-2514	40	383
216	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. <i>Physiological Reports</i> , 2018 , 6, e13829	2.6	4
215	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> , 2018 , 19, 138-146	1.6	20
214	Pre-operative anaemia is associated with total morbidity burden on days 3 and 5 after cardiac surgery: a cohort study. <i>Perioperative Medicine (London, England)</i> , 2017 , 6, 1	2.8	11
213	ACE and response to pulmonary rehabilitation in COPD: two observational studies. <i>BMJ Open Respiratory Research</i> , 2017 , 4, e000165	5.6	4
212	Late Anthracycline-Related Cardiotoxicity in Low-Risk Breast Cancer Patients. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2573-2575	15.1	7
211	Metabolic basis to Sherpa altitude adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 6382-6387	11.5	107
210	Hemoglobin concentration, total hemoglobin mass and plasma volume in patients: implications for anemia. <i>Haematologica</i> , 2017 , 102, 1477-1485	6.6	35
209	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> , 2017 , 195, 136-138	10.2	53

208	Caudwell Xtreme Everest: A prospective study of the effects of environmental hypoxia on cognitive functioning. <i>PLoS ONE</i> , 2017 , 12, e0174277	3.7	18
207	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. <i>Trials</i> , 2017 , 18, 618	2.8	5
206	Christiana Figueres joins The Lancet Countdown-delivering on the promise of Paris. <i>Lancet, The</i> , 2017 ,	4.0	1
205	Cardiovascular assessment for non-cardiac surgery: European guidelines. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , 2017 , 78, 327-332	0.8	7
204	Does hypoxia play a role in the development of sarcopenia in humans? Mechanistic insights from the Caudwell Xtreme Everest Expedition. <i>Redox Biology</i> , 2017 , 13, 60-68	11.3	24
203	Predictors of total morbidity burden on days 3, 5 and 8 after cardiac surgery. <i>Perioperative Medicine (London, England)</i> , 2017 , 6, 2	2.8	2
202	The Lancet Countdown: tracking progress on health and climate change. <i>Lancet, The</i> , 2017 , 389, 1151-1164	4.4	218
201	Critical care at the end of life: balancing technology with compassion and agreeing when to stop. <i>British Journal of Anaesthesia</i> , 2017 , 119, i85-i89	5.4	10
200	Service evaluation of the implementation of a digitally-enabled care pathway for the recognition and management of acute kidney injury. <i>F1000Research</i> , 2017 , 6, 1033	3.6	8
199	Preventing the progression of climate change: one drug or polypill?. <i>Biofuel Research Journal</i> , 2017 , 4, 536-536	13.9	51
198	Service evaluation of the implementation of a digitally-enabled care pathway for the recognition and management of acute kidney injury. <i>F1000Research</i> , 2017 , 6, 1033	3.6	6
197	Mitochondrial uncoupling proteins regulate angiotensin-converting enzyme expression: crosstalk between cellular and endocrine metabolic regulators suggested by RNA interference and genetic studies. <i>BioEssays</i> , 2016 , 38 Suppl 1, S107-18	4.1	7
196	Diarrhoea in the critically ill is common, associated with poor outcome, and rarely due to <i>Clostridium difficile</i> . <i>Scientific Reports</i> , 2016 , 6, 24691	4.9	37
195	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> , 2016 , 194, 1349-1357	10.2	18
194	Improving outcomes in patients with Acute Kidney Injury: the impact of hospital based automated AKI alerts. <i>Postgraduate Medical Journal</i> , 2016 , 92, 9-13	2	27
193	The Great British Medalists Project: A Review of Current Knowledge on the Development of the World's Best Sporting Talent. <i>Sports Medicine</i> , 2016 , 46, 1041-58	10.6	158
192	Body Surface Area and Baseline Blood Pressure Predict Subclinical Anthracycline Cardiotoxicity in Women Treated for Early Breast Cancer. <i>PLoS ONE</i> , 2016 , 11, e0165262	3.7	15
191	Automated analysis of retinal imaging using machine learning techniques for computer vision. <i>F1000Research</i> , 2016 , 5, 1573	3.6	27

190	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> , 2016 , 44, e362-9	1.4	26
189	Mitochondrial uncoupling proteins regulate angiotensin-converting enzyme expression: crosstalk between cellular and endocrine metabolic regulators suggested by RNA interference and genetic studies. <i>Inside the Cell</i> , 2016 , 1, 70-81		2
188	Health and climate change: policy responses to protect public health. <i>Lancet, The</i> , 2015 , 386, 1861-914	40	932
187	Postoperative morbidity after surgical aortic valve replacement or transcatheter valve implantation: a prospective cohort study. <i>Intensive Care Medicine</i> , 2015 , 41, 1721-2	14.5	
186	The relationship between lower limb bone and muscle in military recruits, response to physical training, and influence of smoking status. <i>Scientific Reports</i> , 2015 , 5, 9323	4.9	6
185	A pilot study of change in fracture risk in patients with acute respiratory distress syndrome. <i>Critical Care</i> , 2015 , 19, 165	10.8	11
184	Qualitative Ultrasound in Acute Critical Illness Muscle Wasting. <i>Critical Care Medicine</i> , 2015 , 43, 1603-11	1.4	101
183	Design and conduct of Xtreme Everest 2: An observational cohort study of Sherpa and lowlander responses to graduated hypobaric hypoxia. <i>F1000Research</i> , 2015 , 4, 90	3.6	16
182	How wasting is saving: weight loss at altitude might result from an evolutionary adaptation. <i>BioEssays</i> , 2014 , 36, 721-9	4.1	24
181	Climate warming will not decrease winter mortality. <i>Nature Climate Change</i> , 2014 , 4, 190-194	21.4	40
180	Use of interferon beta for acute respiratory distress syndrome: proceed with caution--authors' reply. <i>Lancet Respiratory Medicine</i> , 2014 , 2, e2-3	35.1	
179	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</i> , 2014 , 2, 98-107	35.1	93
178	S141 Tumour Necrosis Factor Receptor 1 Shedding Is Related To Acute Skeletal Muscle Wasting In Critical Illness. <i>Thorax</i> , 2014 , 69, A75-A75	7.3	1
177	A randomized controlled trial of angiotensin-converting enzyme inhibition for skeletal muscle dysfunction in COPD. <i>Chest</i> , 2014 , 146, 932-940	5.3	22
176	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> , 2014 , 9, e94915	3.7	37
175	Genome-scale methods converge on key mitochondrial genes for the survival of human cardiomyocytes in hypoxia. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 407-15		6
174	Pupil dynamics in hypoxic conditions: Caudwell Xtreme Everest results. <i>High Altitude Medicine and Biology</i> , 2014 , 15, 422-3	1.9	2
173	Oral Coenzyme Q10 supplementation does not prevent cardiac alterations during a high altitude trek to everest base cAMP. <i>High Altitude Medicine and Biology</i> , 2014 , 15, 459-67	1.9	4

172	Reply to 'A note of caution about the excess winter deaths measure'. <i>Nature Climate Change</i> , 2014 , 4, 648-648	21.4	2
171	Acute skeletal muscle wasting in critical illness. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 310, 1591-600	27.4	935
170	Association between preoperative haemoglobin concentration and cardiopulmonary exercise variables: a multicentre study. <i>Perioperative Medicine (London, England)</i> , 2013 , 2, 18	2.8	12
169	Tobacco industry lobbyists and their health-care clients. <i>Lancet, The</i> , 2013 , 381, 445	4.0	1
168	Cerebral venous system and anatomical predisposition to high-altitude headache. <i>Annals of Neurology</i> , 2013 , 73, 381-9	9.4	60
167	Bone structure and geometry in young men: the influence of smoking, alcohol intake and physical activity. <i>Bone</i> , 2013 , 52, 17-26	4.7	46
166	S54 Preservation of mitochondrial oxidative capacity in critically ill patients balances reduction in mitochondrial biogenesis. <i>Thorax</i> , 2013 , 68, A30.1-A30	7.3	
165	Conference, conscience and climate: take right. <i>Heart</i> , 2013 , 99, 13-4	5.1	
164	Genetic signatures reveal high-altitude adaptation in a set of ethiopian populations. <i>Molecular Biology and Evolution</i> , 2013 , 30, 1877-88	8.3	137
163	The use of skeletal muscle near infrared spectroscopy and a vascular occlusion test at high altitude. <i>High Altitude Medicine and Biology</i> , 2013 , 14, 256-62	1.9	12
162	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> , 2013 , 6, 262-7	3.9	34
161	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". <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, e29	3.9	
160	S134 Activity monitoring in intensive care unit survivors: Assessing daily physical activity with objective outcome measures. <i>Thorax</i> , 2013 , 68, A69.1-A69	7.3	
159	No evidence for a local renin-angiotensin system in liver mitochondria. <i>Scientific Reports</i> , 2013 , 3, 2467	4.9	12
158	Association analysis of ACE and ACTN3 in elite Caucasian and East Asian swimmers. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 892-900	1.2	64
157	CLIMATE CHANGE AND HEALTH: A FEBRILE PLANET. <i>Transactions of the Medical Society of London</i> , 2013 , 130, 24-7		
156	Duration of preceding hypertension is associated with prolonged length of ICU stay. <i>International Journal of Cardiology</i> , 2012 , 157, 180-4	3.2	1
155	The development of a postoperative morbidity score to assess total morbidity burden after cardiac surgery. <i>Journal of Clinical Epidemiology</i> , 2012 , 65, 423-33	5.7	25

154	Extreme Physiology & Medicine: a new journal focussed on integrative human physiology under stress. <i>Extreme Physiology and Medicine</i> , 2012 , 1, 1		6
153	T3 Acute Muscle Loss in the Critically Ill: From Bedside to Bench. <i>Thorax</i> , 2012 , 67, A1.3-A2	7.3	0
152	Relationship between calcaneal quantitative ultrasound and hip dual energy X-ray absorptiometry in young healthy men. <i>Osteoporosis International</i> , 2012 , 23, 1947-56	5.3	4
151	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> , 2012 , 185, 911-7	10.2	52
150	Health risks, present and future, from global climate change. <i>BMJ, The</i> , 2012 , 344, e1359	5.9	66
149	Acclimatization of skeletal muscle mitochondria to high-altitude hypoxia during an ascent of Everest. <i>FASEB Journal</i> , 2012 , 26, 1431-41	0.9	104
148	Variation in the uncoupling protein 2 and 3 genes and human performance. <i>Journal of Applied Physiology</i> , 2012 , 112, 1122-7	3.7	17
147	Sudden exertional death in sickle cell trait. <i>British Journal of Sports Medicine</i> , 2012 , 46, 312-4	10.3	33
146	Association of a sequence variant in DAB2IP with coronary heart disease. <i>European Heart Journal</i> , 2012 , 33, 881-8	9.5	24
145	S48 The Effect of Angiotensin-Converting Enzyme Inhibition on Skeletal Muscle Dysfunction in Chronic Obstructive Pulmonary Disease: A Randomised Controlled Trial. <i>Thorax</i> , 2012 , 67, A25.1-A25	7.3	
144	The Lichfield bone study: the skeletal response to exercise in healthy young men. <i>Journal of Applied Physiology</i> , 2012 , 112, 615-26	3.7	13
143	The ACE gene and human performance: 12 years on. <i>Sports Medicine</i> , 2011 , 41, 433-48	10.6	117
142	Genetic influences in sport and physical performance. <i>Sports Medicine</i> , 2011 , 41, 845-59	10.6	71
141	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> , 2011 , 369, 1866-82	3	46
140	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> , 2011 , 31, 2019-29	7.3	166
139	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> , 2011 , 25, 792-6	0.9	73
138	The role of nitrogen oxides in human adaptation to hypoxia. <i>Scientific Reports</i> , 2011 , 1, 109	4.9	87
137	Normobaric hypoxia impairs human cardiac energetics. <i>FASEB Journal</i> , 2011 , 25, 3130-5	0.9	28

136	P66 Inter-observer reliability of ultrasound to measure rectus femoris cross-sectional area in critically ill patients. <i>Thorax</i> , 2011 , 66, A95-A95	7.3	2
135	Tissue oxygen saturation and outcome after cardiac surgery. <i>American Journal of Critical Care</i> , 2011 , 20, 138-45	1.7	19
134	Variation in human performance in the hypoxic mountain environment. <i>Experimental Physiology</i> , 2010 , 95, 463-70	2.4	34
133	Structure to function: muscle failure in critically ill patients. <i>Journal of Physiology</i> , 2010 , 588, 4641-8	3.9	55
132	A review of electrocardiography in the high altitude environment. <i>High Altitude Medicine and Biology</i> , 2010 , 11, 51-60	1.9	18
131	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> , 2010 , 107, 11459-64	11.5	551
130	Neuromuscular blockers and ARDS. <i>New England Journal of Medicine</i> , 2010 , 363, 2563	59.2	12
129	Caudwell xtreme Everest expedition. <i>High Altitude Medicine and Biology</i> , 2010 , 11, 133-7	1.9	25
128	C-reactive protein gene variant and the human left ventricular growth response to exercise: data from The LARGE Heart Study. <i>Journal of Cardiovascular Pharmacology</i> , 2010 , 55, 26-9	3.1	4
127	The ACE Gene and Performance 2010 , 195-203		1
126	Telomeres are shorter in myocardial infarction patients compared to healthy subjects: correlation with environmental risk factors. <i>Journal of Molecular Medicine</i> , 2010 , 88, 785-94	5.5	35
125	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> , 2010 , 10, 98	4.7	43
124	The effect of high-altitude on human skeletal muscle energetics: P-MRS results from the Caudwell Xtreme Everest expedition. <i>PLoS ONE</i> , 2010 , 5, e10681	3.7	45
123	Arterial blood gases and oxygen content in climbers on Mount Everest. <i>New England Journal of Medicine</i> , 2009 , 360, 140-9	59.2	310
122	Climate change: how grave the threat?. <i>Clinical Medicine</i> , 2009 , 9, 309-10	1.9	2
121	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> , 2009 , 105, 373-9	3.4	29
120	The combined impact of metabolic gene polymorphisms on elite endurance athlete status and related phenotypes. <i>Human Genetics</i> , 2009 , 126, 751-61	6.3	84
119	The common G-866A polymorphism of the UCP2 gene and survival in diabetic patients following myocardial infarction. <i>Cardiovascular Diabetology</i> , 2009 , 8, 31	8.7	16

118	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> , 2009 , 11, 2	6.9	26
117	Genetic research and testing in sport and exercise science: a review of the issues. <i>Journal of Sports Sciences</i> , 2009 , 27, 1109-16	3.6	11
116	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?. <i>Atherosclerosis</i> , 2009 , 207, e10	3.1	1
115	Managing the health effects of climate change: Lancet and University College London Institute for Global Health Commission. <i>Lancet, The</i> , 2009 , 373, 1693-733	40	1510
114	Climate change is not the biggest global health threat [Authors' reply]. <i>Lancet, The</i> , 2009 , 374, 974-975	40	2
113	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> , 2009 , 204, 196-201	3.1	16
112	Angiotensin-converting enzyme and angiotensin II receptor subtype 2 genotypes in type 1 diabetes and severe hypoglycaemia requiring emergency treatment: a case cohort study. <i>Pharmacogenetics and Genomics</i> , 2009 , 19, 864-8	1.9	7
111	Sudden Cardiac Death in the Mountain Environment. <i>Medicina Sportiva</i> , 2009 , 13, 197-202		4
110	Genetic variation and activity of the renin-angiotensin system and severe hypoglycemia in type 1 diabetes. <i>American Journal of Medicine</i> , 2008 , 121, 246.e1-8	2.4	19
109	High altitude arrhythmias. <i>Cardiology</i> , 2008 , 111, 239-46	1.6	44
108	Genetophysiology: using genetic strategies to explore hypoxic adaptation. <i>High Altitude Medicine and Biology</i> , 2008 , 9, 123-9	1.9	19
107	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> , 2008 , 26, 706-13	1.9	13
106	Vitamin D receptor genotypes influence quadriceps strength in chronic obstructive pulmonary disease. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 385-90	7	99
105	Angiotensin-converting enzyme genotype and late respiratory complications of mustard gas exposure. <i>BMC Pulmonary Medicine</i> , 2008 , 8, 15	3.5	9
104	Genetic Basis of Physical Fitness. <i>Annual Review of Anthropology</i> , 2007 , 36, 391-405	3.6	11
103	High-altitude physiology and pathophysiology: implications and relevance for intensive care medicine. <i>Critical Care</i> , 2007 , 11, 203	10.8	102
102	The impact of ACE genotype on serum ACE activity in a black South African male population. <i>Annals of Human Genetics</i> , 2007 , 71, 1-7	2.2	17
101	Angiotensin-converting enzyme genotype and successful ascent to extreme high altitude. <i>High Altitude Medicine and Biology</i> , 2007 , 8, 278-85	1.9	35

100	Impact of genetic factors on outcome from brain injury. <i>British Journal of Anaesthesia</i> , 2007 , 99, 43-8	5.4	28
99	Angiotensin-converting enzyme genotype interacts with systolic blood pressure to determine coronary heart disease risk in healthy middle-aged men. <i>Hypertension</i> , 2007 , 50, 348-53	8.5	8
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