

Michael P W Grocott

List of Publications by Year in descending order

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Version: 2024-02-01

355
papers

20,147
citations

9756

73
h-index

14702

127
g-index

366
all docs

366
docs citations

366
times ranked

16046
citing authors

#	ARTICLE	IF	CITATIONS
1	Sarcopenia and Myosteatosis Predict Adverse Outcomes After Emergency Laparotomy. <i>Annals of Surgery</i> , 2022, 275, 1103-1111.	2.1	17
2	Delivering Value Based Care: The UK Perspective. , 2022, , 659-667.		0
3	Core Outcome Measures for Perioperative and Anaesthetic Care (COMPAC): a modified Delphi process to develop a core outcome set for trials in perioperative care and anaesthesia. <i>British Journal of Anaesthesia</i> , 2022, 128, 174-185.	1.5	38
4	A capaciflector provides continuous and accurate respiratory rate monitoring for patients at rest and during exercise. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1535-1546.	0.7	5
5	Incidence and 1-year outcome of periprocedural myocardial infarction following cardiac surgery: are the Universal Definition and Society for Cardiovascular Angiography and Intervention criteria fit for purpose?. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	3
6	Dietary Nitrate Supplementation Does Not Alter Exercise Efficiency at High Altitude – Further Results From the Xtreme Alps Study. <i>Frontiers in Physiology</i> , 2022, 13, 827235.	1.3	1
7	Rapid Phospholipid Turnover after Surfactant Nebulization in Severe COVID-19 Infection: A Randomized Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 471-473.	2.5	6
8	Enhanced Recovery After Surgery and Perioperative Medicine Driving Value-Based Surgical Care. <i>Anesthesiology Clinics</i> , 2022, 40, xv-xvi.	0.6	2
9	Improving physical function of patients following intensive care unit admission (EMPRESS): protocol of a randomised controlled feasibility trial. <i>BMJ Open</i> , 2022, 12, e055285.	0.8	0
10	Perioperative Risk Stratification and Modification. <i>Anesthesiology Clinics</i> , 2022, 40, e1-e23.	0.6	4
11	Dynamic blood oxygen indices in mechanically ventilated COVID-19 patients with acute hypoxic respiratory failure: A cohort study. <i>PLoS ONE</i> , 2022, 17, e0269471.	1.1	3
12	COVID-19: UK frontline intensivists' emerging learning. <i>Journal of the Intensive Care Society</i> , 2021, 22, 211-213.	1.1	2
13	Systematic review and consensus definitions for the Standardized Endpoints in Perioperative Medicine (StEP) initiative: cardiovascular outcomes. <i>British Journal of Anaesthesia</i> , 2021, 126, 56-66.	1.5	51
14	Effects of perioperative oxygen concentration on oxidative stress in adult surgical patients: a systematic review. <i>British Journal of Anaesthesia</i> , 2021, 126, 622-632.	1.5	17
15	Prehabilitation before surgery: Is it for all patients?. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2021, 35, 507-516.	1.7	28
16	Improving perioperative brain health: an expert consensus review of key actions for the perioperative care team. <i>British Journal of Anaesthesia</i> , 2021, 126, 423-432.	1.5	78
17	Physiological responses during ascent to high altitude and the incidence of acute mountain sickness. <i>Physiological Reports</i> , 2021, 9, e14809.	0.7	8
18	A feasibility randomised controlled trial of targeted oxygen therapy in mechanically ventilated critically ill patients. <i>Journal of the Intensive Care Society</i> , 2021, 22, 280-287.	1.1	7

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19	Distribution of High-Sensitivity Troponin Taken Without Conventional Clinical Indications in Critical Care Patients and Its Association With Mortality*. <i>Critical Care Medicine</i> , 2021, 49, 1451-1459.	0.4	6
20	Postoperative acute kidney injury in adult non-cardiac surgery: joint consensus report of the Acute Disease Quality Initiative and PeriOperative Quality Initiative. <i>Nature Reviews Nephrology</i> , 2021, 17, 605-618.	4.1	94
21	The effects of cancer therapies on physical fitness before oesophagogastric cancer surgery: a prospective, blinded, multi-centre, observational, cohort study. <i>NIHR Open Research</i> , 2021, 1, 1.	0.0	2
22	The effects of neoadjuvant chemoradiotherapy and an in-hospital exercise training programme on physical fitness and quality of life in locally advanced rectal cancer patients: a randomised controlled trial (The EMPOWER Trial). <i>Perioperative Medicine (London, England)</i> , 2021, 10, 23.	0.6	17
23	Cardiopulmonary exercise testing has greater prognostic value than sarcopenia in oesophago-gastric cancer patients undergoing neoadjuvant therapy and surgical resection. <i>Journal of Surgical Oncology</i> , 2021, 124, 1306-1316.	0.8	8
24	SafeFit Trial: virtual clinics to deliver a multimodal intervention to improve psychological and physical well-being in people with cancer. Protocol of a COVID-19 targeted non-randomised phase III trial. <i>BMJ Open</i> , 2021, 11, e048175.	0.8	12
25	Vitamin-D levels and intensive care unit outcomes of a cohort of critically ill COVID-19 patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1155-1163.	1.4	31
26	A carbon monoxide "single breath" method to measure total haemoglobin mass: a feasibility study. <i>Experimental Physiology</i> , 2021, 106, 567-575.	0.9	3
27	Exercise Training Induces a Shift in Extracellular Redox Status with Alterations in the Pulmonary and Systemic Redox Landscape in Asthma. <i>Antioxidants</i> , 2021, 10, 1926.	2.2	5
28	High sensitivity troponin measurement in critical care: Flattering to deceive or "never means nothing"? <i>Journal of the Intensive Care Society</i> , 2020, 21, 232-240.	1.1	10
29	Immunonutrition for Adults With ARDS: Results From a Cochrane Systematic Review and Meta-Analysis. <i>Respiratory Care</i> , 2020, 65, 99-110.	0.8	19
30	Effects of dietary nitrate supplementation on microvascular physiology at 4559m altitude "A randomised controlled trial (Xtreme Alps). <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 94, 27-35.	1.2	8
31	The oxygen cost of rehabilitation interventions in mechanically ventilated patients: an observational study. <i>Physiotherapy</i> , 2020, 107, 169-175.	0.2	7
32	Preoperative Risk Management in Perioperative Medicine and Value-based Care: What the United States Needs to Understand, What the United Kingdom Knows. <i>Techniques in Orthopaedics</i> , 2020, 35, 31-34.	0.1	1
33	Acute high-altitude pathologies and their treatment. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2020, 11, 42-48.	0.6	2
34	CovEMERALD: Assessing the feasibility and preliminary effectiveness of remotely delivered Eye Movement Desensitisation and Reprocessing following Covid-19 related critical illness: A structured summary of a study protocol for a randomised controlled trial. <i>Trials</i> , 2020, 21, 929.	0.7	3
35	COVID-19: a complex multisystem disorder. <i>British Journal of Anaesthesia</i> , 2020, 125, 238-242.	1.5	108
36	Noninvasive ventilation for COVID-19-associated acute hypoxaemic respiratory failure: experience from a single centre. <i>British Journal of Anaesthesia</i> , 2020, 125, e368-e371.	1.5	51

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37	Goal-directed haemodynamic therapy (GDHT) in surgical patients: systematic review and meta-analysis of the impact of GDHT on post-operative pulmonary complications. Perioperative Medicine (London,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.5	8
38	Oxygen targets in the intensive care unit during mechanical ventilation for acute respiratory distress syndrome: a rapid review. The Cochrane Library, 2020, 2020, CD013708.	1.5	8
39	Nebulised surfactant for the treatment of severe COVID-19 in adults (COV-Surf): A structured summary of a study protocol for a randomized controlled trial. Trials, 2020, 21, 1014.	0.7	14
40	Advances in perioperative medicine. , 2020, , 203-232.		1
41	Multidisciplinary guidance for safe tracheostomy care during the COVID-19 pandemic: the NHS National Patient Safety Improvement Programme (NatPatSIP). Anaesthesia, 2020, 75, 1659-1670.	1.8	61
42	Application of the optimized carbon monoxide rebreathing method for the measurement of total haemoglobin mass in chronic liver disease. Physiological Reports, 2020, 8, e14402.	0.7	4
43	Cardiopulmonary Exercise Testing for Preoperative Evaluation: What Does the Future Hold?. Current Anesthesiology Reports, 2020, 10, 1-11.	0.9	16
44	Restoration of function: the holy grail of perioperative care. Anaesthesia, 2020, 75, e14-e17.	1.8	8
45	Perioperative Quality Initiative (POQI) consensus statement on fundamental concepts in perioperative fluid management: fluid responsiveness and venous capacitance. Perioperative Medicine (London,) Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	21
46	Hospital-level evaluation of the effect of a national quality improvement programme: time-series analysis of registry data. BMJ Quality and Safety, 2020, 29, 623-635.	1.8	21
47	Multiphasic Prehabilitation Across the Cancer Continuum: A Narrative Review and Conceptual Framework. Frontiers in Oncology, 2020, 10, 598425.	1.3	45
48	Extracorporeal Membrane Oxygenation for Respiratory Failure. Anesthesiology, 2020, 132, 1257-1276.	1.3	37
49	Conscious prone positioning during non-invasive ventilation in COVID-19 patients: experience from a single centre. F1000Research, 2020, 9, 859.	0.8	22
50	Fluid Management and Its Role in Enhanced Recovery. , 2020, , 339-363.		1
51	Feasibility of a cardiopulmonary exercise test (CPET) derived high-intensity interval training programme (HIIT) in idiopathic pulmonary fibrosis (IPF). , 2020, , .		0
52	Data integrity issues: catalyst for a more robust approach to research on perioperative oxygen therapy?. Perioperative Medicine (London, England), 2019, 8, 7.	0.6	6
53	Exercise physiology: exercise performance at altitude. Current Opinion in Physiology, 2019, 10, 210-218.	0.9	4
54	Economic evaluation of prehabilitation: a true return on investment?. British Journal of Anaesthesia, 2019, 123, 710-712.	1.5	11

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55	Enhanced flow-motion complexity of skin microvascular perfusion in Sherpas and lowlanders during ascent to high altitude. <i>Scientific Reports</i> , 2019, 9, 14391.	1.6	7
56	Insight into erythrocyte phospholipid molecular flux in healthy humans and in patients with acute respiratory distress syndrome. <i>PLoS ONE</i> , 2019, 14, e0221595.	1.1	16
57	Protocol for a feasibility randomised controlled trial of targeted oxygen therapy in mechanically ventilated critically ill patients. <i>BMJ Open</i> , 2019, 9, e021674.	0.8	4
58	Pushing arterial-venous plasma biomarkers to new heights: A model for personalised redox metabolomics?. <i>Redox Biology</i> , 2019, 21, 101113.	3.9	20
59	Systematic review and consensus definitions for the Standardised Endpoints in Perioperative Medicine initiative: clinical indicators. <i>British Journal of Anaesthesia</i> , 2019, 123, 228-237.	1.5	46
60	Myosteatosis is associated with poor physical fitness in patients undergoing hepatopancreatobiliary surgery. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 860-871.	2.9	42
61	Preoperative chronic beta-blocker prescription in elderly patients as a risk factor for postoperative mortality stratified by preoperative blood pressure: a cohort study. <i>British Journal of Anaesthesia</i> , 2019, 123, 118-125.	1.5	16
62	Perioperative oxygen therapy: meaningful outcomes and unintended consequences?. <i>British Journal of Anaesthesia</i> , 2019, 123, e6-e7.	1.5	4
63	Chronotropic incompetence and myocardial injury after noncardiac surgery: planned secondary analysis of a prospective observational international cohort study. <i>British Journal of Anaesthesia</i> , 2019, 123, 17-26.	1.5	11
64	Effectiveness of a national quality improvement programme to improve survival after emergency abdominal surgery (EPOCH): a stepped-wedge cluster-randomised trial. <i>Lancet</i> , The, 2019, 393, 2213-2221.	6.3	123
65	Perioperative Quality Initiative consensus statement on postoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 575-586.	1.5	68
66	Metabolomic and lipidomic plasma profile changes in human participants ascending to Everest Base Camp. <i>Scientific Reports</i> , 2019, 9, 2297.	1.6	31
67	Exercise prehabilitation may lead to augmented tumor regression following neoadjuvant chemoradiotherapy in locally advanced rectal cancer. <i>Acta Oncologica</i> , 2019, 58, 588-595.	0.8	55
68	Perioperative Quality Initiative consensus statement on intraoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 563-574.	1.5	342
69	Perioperative Quality Initiative consensus statement on preoperative blood pressure, risk and outcomes for elective surgery. <i>British Journal of Anaesthesia</i> , 2019, 122, 552-562.	1.5	127
70	Systematic review and consensus definitions for the Standardised Endpoints in Perioperative Medicine (StEP) initiative: infection and sepsis. <i>British Journal of Anaesthesia</i> , 2019, 122, 500-508.	1.5	34
71	Perioperative Quality Initiative consensus statement on the physiology of arterial blood pressure control in perioperative medicine. <i>British Journal of Anaesthesia</i> , 2019, 122, 542-551.	1.5	66
72	American Society for Enhanced Recovery and Perioperative Quality Initiative Joint Consensus Statement on Perioperative Management of Patients on Preoperative Opioid Therapy. <i>Anesthesia and Analgesia</i> , 2019, 129, 553-566.	1.1	64

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73	American Society for Enhanced Recovery and Perioperative Quality Initiative-4 Joint Consensus Statement on Persistent Postoperative Opioid Use: Definition, Incidence, Risk Factors, and Health Care System Initiatives. <i>Anesthesia and Analgesia</i> , 2019, 129, 543-552.	1.1	91
74	American Society for Enhanced Recovery and Perioperative Quality Initiative Joint Consensus Statement on Perioperative Opioid Minimization in Opioid-Naïve Patients. <i>Anesthesia and Analgesia</i> , 2019, 129, 567-577.	1.1	89
75	Patient optimisation before surgery: a clear and present challenge in perioperative care. <i>Anaesthesia</i> , 2019, 74, 3-6.	1.8	24
76	Perioperative care pathways: reengineering care to achieve the "triple aim"™. <i>Anaesthesia</i> , 2019, 74, 90-99.	1.8	52
77	Prospective observational cohort study on grading the severity of postoperative complications in global surgery research. <i>British Journal of Surgery</i> , 2019, 106, e73-e80.	0.1	13
78	Optimisation of Perioperative Cardiovascular Management to Improve Surgical Outcome II (OPTIMISE II) trial: study protocol for a multicentre international trial of cardiac output-guided fluid therapy with low-dose inotrope infusion compared with usual care in patients undergoing major elective gastrointestinal surgery. <i>BMJ Open</i> , 2019, 9, e023455.	0.8	35
79	Choosing Wisely: just because we can, does it mean we should?. <i>British Journal of Anaesthesia</i> , 2019, 122, 306-310.	1.5	22
80	Immunonutrition for acute respiratory distress syndrome (ARDS) in adults. <i>The Cochrane Library</i> , 2019, 2019, CD012041.	1.5	53
81	Pathway redesign: putting patients ahead of professionals. <i>Clinical Medicine</i> , 2019, 19, 468-472.	0.8	12
82	Permissive hypoxaemia versus normoxaemia for mechanically ventilated critically ill patients. <i>The Cochrane Library</i> , 2018, 2018, CD009931.	1.5	33
83	Exercise rehabilitation following intensive care unit discharge for recovery from critical illness. <i>The Cochrane Library</i> , 2018, 2018, CD008632.	1.5	93
84	Perioperative administration of buffered versus non-buffered crystalloid intravenous fluid to improve outcomes following adult surgical procedures. <i>The Cochrane Library</i> , 2018, 2018, CD004089.	1.5	29
85	Anesthetists (and Physicians) at Altitude. <i>International Anesthesiology Clinics</i> , 2018, 56, 47-64.	0.3	0
86	Metabolic adjustment to high-altitude hypoxia: from genetic signals to physiological implications. <i>Biochemical Society Transactions</i> , 2018, 46, 599-607.	1.6	61
87	Tricks of the trade: delivering reliable healthcare. <i>Anaesthesia</i> , 2018, 73, 671-674.	1.8	0
88	A systematic review and consensus definitions for standardised end-points in perioperative medicine: pulmonary complications. <i>British Journal of Anaesthesia</i> , 2018, 120, 1066-1079.	1.5	190
89	Systematic review and consensus definitions for the Standardised Endpoints in Perioperative Medicine (StEP) initiative: patient comfort. <i>British Journal of Anaesthesia</i> , 2018, 120, 705-711.	1.5	183
90	American Society for Enhanced Recovery and Perioperative Quality Initiative Joint Consensus Statement on Nutrition Screening and Therapy Within a Surgical Enhanced Recovery Pathway. <i>Anesthesia and Analgesia</i> , 2018, 126, 1883-1895.	1.1	270

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91	Perioperative structure and process quality and safety indicators: a systematic review. <i>British Journal of Anaesthesia</i> , 2018, 120, 51-66.	1.5	39
92	Inter-observer reliability of preoperative cardiopulmonary exercise test interpretation: a cross-sectional study. <i>British Journal of Anaesthesia</i> , 2018, 120, 475-483.	1.5	8
93	Perioperative cardiopulmonary exercise testing (CPET): consensus clinical guidelines on indications, organization, conduct, and physiological interpretation. <i>British Journal of Anaesthesia</i> , 2018, 120, 484-500.	1.5	313
94	The surgical safety checklist and patient outcomes after surgery: a prospective observational cohort study, systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2018, 120, 146-155.	1.5	92
95	American Society for Enhanced Recovery and Perioperative Quality Initiative Joint Consensus Statement on Postoperative Gastrointestinal Dysfunction Within an Enhanced Recovery Pathway for Elective Colorectal Surgery. <i>Anesthesia and Analgesia</i> , 2018, 126, 1896-1907.	1.1	84
96	American Society for Enhanced Recovery and Perioperative Quality Initiative Joint Consensus Statement on Patient-Reported Outcomes in an Enhanced Recovery Pathway. <i>Anesthesia and Analgesia</i> , 2018, 126, 1874-1882.	1.1	73
97	What are the optimum components in a care bundle aimed at reducing post-operative pulmonary complications in high-risk patients?. <i>Perioperative Medicine (London, England)</i> , 2018, 7, 7.	0.6	14
98	Systematic review and consensus definitions for standardised endpoints in perioperative medicine: postoperative cancer outcomes. <i>British Journal of Anaesthesia</i> , 2018, 121, 38-44.	1.5	44
99	Abnormal liver phosphatidylcholine synthesis revealed in patients with acute respiratory distress syndrome. <i>Journal of Lipid Research</i> , 2018, 59, 1034-1045.	2.0	10
100	The 2018 Lake Louise Acute Mountain Sickness Score. <i>High Altitude Medicine and Biology</i> , 2018, 19, 4-6.	0.5	324
101	Clinical indicators for reporting the effectiveness of patient quality and safety-related interventions: a protocol of a systematic review and Delphi consensus process as part of the international Standardised Endpoints for Perioperative Medicine initiative (StEP). <i>BMJ Open</i> , 2018, 8, e023427.	0.8	6
102	Perioperative antioxidants for adults undergoing elective non-cardiac surgery. <i>The Cochrane Library</i> , 2018, , .	1.5	0
103	Exercise interventions for people undergoing multimodal cancer treatment that includes surgery. <i>The Cochrane Library</i> , 2018, 2018, CD012280.	1.5	23
104	Surgical Prehabilitation. <i>Anesthesiology Clinics</i> , 2018, 36, 567-580.	0.6	42
105	Perioperative administration of buffered versus non-buffered crystalloid intravenous fluid to improve outcomes following adult surgical procedures: a Cochrane systematic review. <i>Perioperative Medicine (London, England)</i> , 2018, 7, 27.	0.6	15
106	Oxygenation targets in acutely ill patients: still a matter of debate. <i>Lancet, The</i> , 2018, 392, 2436.	6.3	2
107	Organisational factors and mortality after an emergency laparotomy: multilevel analysis of 39 903 National Emergency Laparotomy Audit patients. <i>British Journal of Anaesthesia</i> , 2018, 121, 1346-1356.	1.5	58
108	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.	0.7	10

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109	Sustained vasomotor control of skin microcirculation in Sherpas <i>versus</i> altitude-naïve lowlanders: Experimental evidence from Xtreme Everest 2. <i>Experimental Physiology</i> , 2018, 103, 1494-1504.	0.9	11
110	Cancelled operations: a 7-day cohort study of planned adult inpatient surgery in 245 UK National Health Service hospitals. <i>British Journal of Anaesthesia</i> , 2018, 121, 730-738.	1.5	84
111	The Smell of Hypoxia: using an electronic nose at altitude and proof of concept of its role in the prediction and diagnosis of acute mountain sickness. <i>Physiological Reports</i> , 2018, 6, e13854.	0.7	4
112	Intraoperative oxygenation in adult patients undergoing surgery (iOPS): a retrospective observational study across 29 UK hospitals. <i>Perioperative Medicine (London, England)</i> , 2018, 7, 17.	0.6	27
113	Assessment of functional capacity before major non-cardiac surgery: an international, prospective cohort study. <i>Lancet, The</i> , 2018, 391, 2631-2640.	6.3	317
114	A systematic review of the safety and efficacy of aerobic exercise during cytotoxic chemotherapy treatment. <i>Supportive Care in Cancer</i> , 2018, 26, 3337-3351.	1.0	44
115	Development and internal validation of a novel risk adjustment model for adult patients undergoing emergency laparotomy surgery: the National Emergency Laparotomy Audit risk model. <i>British Journal of Anaesthesia</i> , 2018, 121, 739-748.	1.5	102
116	Conservative versus liberal oxygenation targets in critically ill children: the randomised multiple-centre pilot Oxy-PICU trial. <i>Intensive Care Medicine</i> , 2018, 44, 1240-1248.	3.9	41
117	The effects of exercise on pain, fatigue, insomnia, and health perceptions in patients with operable advanced stage rectal cancer prior to surgery: a pilot trial. <i>BMC Cancer</i> , 2017, 17, 153.	1.1	26
118	Physical activity levels in locally advanced rectal cancer patients following neoadjuvant chemoradiotherapy and an exercise training programme before surgery: a pilot study. <i>Perioperative Medicine (London, England)</i> , 2017, 6, 3.	0.6	28
119	Transfusion in critical care – a UK regional audit of current practice. <i>Anaesthesia</i> , 2017, 72, 633-640.	1.8	6
120	Changes in acute pulmonary vascular responsiveness to hypoxia during a progressive ascent to high altitude (5300m). <i>Experimental Physiology</i> , 2017, 102, 711-724.	0.9	28
121	Sublingual microcirculatory blood flow and vessel density in Sherpas at high altitude. <i>Journal of Applied Physiology</i> , 2017, 122, 1011-1018.	1.2	36
122	National audits in the UK: fancy acronyms or real patient benefit?. <i>British Journal of Anaesthesia</i> , 2017, 118, 479-482.	1.5	9
123	The future of UK healthcare: problems and potential solutions to a system in crisis. <i>Annals of Oncology</i> , 2017, 28, 1751-1755.	0.6	25
124	Critical care admission following elective surgery was not associated with survival benefit: prospective analysis of data from 27 countries. <i>Intensive Care Medicine</i> , 2017, 43, 971-979.	3.9	108
125	Cohort study of preoperative blood pressure and risk of 30-day mortality after elective non-cardiac surgery. <i>British Journal of Anaesthesia</i> , 2017, 119, 65-77.	1.5	44
126	Keratinocyte growth factor for the treatment of the acute respiratory distress syndrome (KARE): a randomised, double-blind, placebo-controlled phase 2 trial. <i>Lancet Respiratory Medicine</i> , 2017, 5, 484-491.	5.2	70

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127	Exercise Testing, Supplemental Oxygen, and Hypoxia. <i>Annals of the American Thoracic Society</i> , 2017, 14, S140-S148.	1.5	9
128	Muscle mass and physical recovery in ICU: innovations for targeting of nutrition and exercise. <i>Current Opinion in Critical Care</i> , 2017, 23, 269-278.	1.6	50
129	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.	3.3	162
130	American Society for Enhanced Recovery (ASER) and Perioperative Quality Initiative (POQI) joint consensus statement on optimal analgesia within an enhanced recovery pathway for colorectal surgery: part 1 "from the preoperative period to PACU. <i>Perioperative Medicine (London, England)</i> , 2017, 6, 8.	0.6	81
131	Current research priorities in perioperative intensive care medicine. <i>Intensive Care Medicine</i> , 2017, 43, 1173-1186.	3.9	25
132	Hemoglobin concentration, total hemoglobin mass and plasma volume in patients: implications for anemia. <i>Haematologica</i> , 2017, 102, 1477-1485.	1.7	67
133	American Society for Enhanced Recovery (ASER) and Perioperative Quality Initiative (POQI) joint consensus statement on prevention of postoperative infection within an enhanced recovery pathway for elective colorectal surgery. <i>Perioperative Medicine (London, England)</i> , 2017, 6, 4.	0.6	65
134	Effects of dietary nitrate on respiratory physiology at high altitude - Results from the Xtreme Alps study. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 71, 57-68.	1.2	14
135	Differences between patients' and clinicians' research priorities from the Anaesthesia and Peri-operative Care Priority Setting Partnership. <i>Anaesthesia</i> , 2017, 72, 1134-1138.	1.8	15
136	The role of nutritional support in the physical and functional recovery of critically ill patients: a narrative review. <i>Critical Care</i> , 2017, 21, 226.	2.5	69
137	TCA cycle rewiring fosters metabolic adaptation to oxygen restriction in skeletal muscle from rodents and humans. <i>Scientific Reports</i> , 2017, 7, 9723.	1.6	35
138	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.	3.9	30
139	Fit for surgery? Perspectives on preoperative exercise testing and training. <i>British Journal of Anaesthesia</i> , 2017, 119, i34-i43.	1.5	65
140	Prehabilitation and Nutritional Support to Improve Perioperative Outcomes. <i>Current Anesthesiology Reports</i> , 2017, 7, 340-349.	0.9	109
141	Oxygen therapy and the Goldilocks principle. <i>Journal of the Intensive Care Society</i> , 2017, 18, 279-281.	1.1	6
142	Total haemoglobin mass, but not haemoglobin concentration, is associated with preoperative cardiopulmonary exercise testing-derived oxygen-consumption variables. <i>British Journal of Anaesthesia</i> , 2017, 118, 747-754.	1.5	22
143	American Society for Enhanced Recovery (ASER) and Perioperative Quality Initiative (POQI) joint consensus statement on measurement to maintain and improve quality of enhanced recovery pathways for elective colorectal surgery. <i>Perioperative Medicine (London, England)</i> , 2017, 6, 6.	0.6	29
144	Re-designing the pathway to surgery: better care and added value. <i>Perioperative Medicine (London, England)</i> , 2017, 6, 6.	0.6	90

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145	Facing acute hypoxia: from the mountains to critical care medicine. <i>British Journal of Anaesthesia</i> , 2017, 118, 283-286.	1.5	22
146	Protocol for a randomised pilot multiple centre trial of conservative versus liberal oxygenation targets in critically ill children (Oxy-PICU). <i>BMJ Open</i> , 2017, 7, e019253.	0.8	7
147	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.	1.5	15
148	Caudwell Xtreme Everest: A prospective study of the effects of environmental hypoxia on cognitive functioning. <i>PLoS ONE</i> , 2017, 12, e0174277.	1.1	26
149	The Princes of Serendip. <i>British Journal of Anaesthesia</i> , 2017, 119, 344.	1.5	0
150	Abstract 1488: Altered skeletal muscle mitochondrial function and redox biology with chemotherapy and exercise in a colorectal cancer mouse model. , 2017, , .		0
151	Perioperative increase in global blood flow to explicit defined goals and outcomes following surgery. <i>The Cochrane Library</i> , 2016, 2016, CD004082.	1.5	81
152	Effects of five preoperative cardiovascular drugs on mortality after coronary artery bypass surgery. <i>European Journal of Anaesthesiology</i> , 2016, 33, 49-57.	0.7	7
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