Carlos Ferrando

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Intraoperative open lung condition and postoperative pulmonary complications. A secondary analysis of iPROVE and iPROVEa€O2 trials. Acta Anaesthesiologica Scandinavica, 2022, 66, 30-39.	1.6	7
2	Early procalcitonin to predict mortality in critically ill COVID-19 patients: a multicentric cohort study. Minerva Anestesiologica, 2022, , .	1.0	2
3	Characteristics and influence on quality of life of newâ€onset pain in critical COVIDâ€19 survivors. European Journal of Pain, 2022, 26, 680-694.	2.8	23
4	Association between use of enhanced recovery after surgery protocols and postoperative complications in colorectal surgery in Europe: The EuroPOWER international observational study. Journal of Clinical Anesthesia, 2022, 80, 110752.	1.6	15
5	Intraoperative positive end-expiratory pressure and postoperative pulmonary complications: a patient-level meta-analysis of three randomised clinical trials. British Journal of Anaesthesia, 2022, 128, 1040-1051.	3.4	22
6	Implementing a Rapid Response System in a tertiary-care hospital. A cost-effectiveness study. Journal of Clinical Monitoring and Computing, 2022, 36, 1263-1269.	1.6	3
7	Preliminary Analysis of Biotrauma and Organ Dysfunction Caused by Driving Pressure, Mechanical Power and Other Ventilator-Induced Lung Injury Parameters. , 2022, , .		0
8	Clinical guide to perioperative management for videothoracoscopy lung resection (Section of) Tj ETQq0 0 0 rg	BT /Overloc 0.1	k 10 Tf 50 46 1
9	Major candidate variables to guide personalised treatment with steroids in critically ill patients with COVID-19: CIBERESUCICOVID study. Intensive Care Medicine, 2022, 48, 850-864.	8.2	17
10	Detailed stratified GWAS analysis for severe COVID-19 in four European populations. Human Molecular Genetics, 2022, 31, 3945-3966.	2.9	46
11	High D dimers and low global fibrinolysis coexist in COVID19 patients: what is going on in there?. Journal of Thrombosis and Thrombolysis, 2021, 51, 308-312.	2.1	80
12	Stroke units could be a valid alternative to intensive care units for patients with lowâ€grade aneurysmal subarachnoid haemorrhage. European Journal of Neurology, 2021, 28, 500-508.	3.3	2
13	Early corticosteroids are associated with lower mortality in critically ill patients with COVID-19: a cohort study. Critical Care, 2021, 25, 2.	5.8	58
14	High-flow nasal oxygen in patients with COVID-19-associated acute respiratory failure. Critical Care, 2021, 25, 58.	5.8	138
15	Predictors of failure with high-flow nasal oxygen therapy in COVID-19 patients with acute respiratory failure: a multicenter observational study. Journal of Intensive Care, 2021, 9, 23.	2.9	37
16	Rationale and study design of an early care, therapeutic education, and psychological intervention program for the management of post-intensive care syndrome and chronic pain after COVID-19 infection (PAIN-COVID): study protocol for a randomized controlled trial. Trials, 2021, 22, 486.	1.6	11
17	Multimodal non-invasive monitoring to apply an open lung approach strategy in morbidly obese patients during bariatric surgery. Journal of Clinical Monitoring and Computing, 2020, 34, 1015-1024.	1.6	6
18	Effects of oxygen on post-surgical infections during an individualised perioperative open-lung ventilatory strategy: a randomised controlled trial. British Journal of Anaesthesia, 2020, 124, 110-120.	3.4	28

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19	Awake prone positioning does not reduce the risk of intubation in COVID-19 treated with high-flow nasal oxygen therapy: a multicenter, adjusted cohort study. Critical Care, 2020, 24, 597.	5.8	133
20	Patient characteristics, clinical course and factors associated to ICU mortality in critically ill patients infected with SARS-CoV-2 in Spain: A prospective, cohort, multicentre study. Revista Española De AnestesiologÃa Y Reanimación (English Edition), 2020, 67, 425-437.	0.1	17
21	Clinical features, ventilatory management, and outcome of ARDS caused by COVID-19 are similar to other causes of ARDS. Intensive Care Medicine, 2020, 46, 2200-2211.	8.2	295
22	CaracterÃsticas, evoluciÃ3n clÃnica y factores asociados a la mortalidad en UCI de los pacientes crÃticos infectados por SARS-CoV-2 en España: estudio prospectivo, de cohorte y multicéntrico. Revista Española De AnestesiologÃa Y ReanimaciÃ3n, 2020, 67, 425-437.	0.3	104
23	Neurally adjusted ventilatory assist in acute respiratory failure: a randomized controlled trial. Intensive Care Medicine, 2020, 46, 2327-2337.	8.2	33
24	Characteristics and Outcomes in Patients with Ventilator-Associated Pneumonia Who Do or Do Not Develop Acute Respiratory Distress Syndrome. An Observational Study. Journal of Clinical Medicine, 2020, 9, 3508.	2.4	1
25	SARS-CoV-2–induced Acute Respiratory Distress Syndrome: Pulmonary Mechanics and Gas-Exchange Abnormalities. Annals of the American Thoracic Society, 2020, 17, 1164-1168.	3.2	28
26	Spontaneous recovery of neuromuscular blockade is an independent risk factor for postoperative pulmonary complications after abdominal surgery. European Journal of Anaesthesiology, 2020, 37, 203-211.	1.7	10
27	Dexamethasone treatment for the acute respiratory distress syndrome: a multicentre, randomised controlled trial. Lancet Respiratory Medicine,the, 2020, 8, 267-276.	10.7	789
28	Re–evaluation of the effects of high PEEP with recruitment manoeuvres versus low PEEP without recruitment manoeuvres during general anaesthesia for surgery – Protocol and statistical analysis plan for an individual patient data meta–analysis of PROVHILO, iPROVE and PROBESE. Revista Española De AnestesiologÃa Y Reanimación (English Edition), 2020, 67, 76-89.	0.1	0
29	Dos terapias conocidas podrÃan ser efectivas como adyuvantes en el paciente crÃtico infectado por COVID-19. Revista EspaA±ola De AnestesiologÃa Y Reanimación, 2020, 67, 245-252.	0.3	55
30	ReevaluaciÃ ³ n de los efectos de PEEP alta con maniobras de reclutamiento vs. PEEP baja sin maniobras de reclutamiento durante la anestesia general para cirugÃa: protocolo y plan de análisis estadÃstico para un metaanálisis de los datos de pacientes individuales de PROVHILO, iPROVE y PROBESE. Revista Española De AnestesiologÃa Y Reanimación, 2020, 67, 76-89.	0.3	7
31	A noninvasive postoperative clinical score to identify patients at risk for postoperative pulmonary complications: the Air-Test Score. Minerva Anestesiologica, 2020, 86, 404-415.	1.0	8
32	Publicación en la Revista Española de AnestesiologÃa y Reanimación de protocolos de estudios. Revista Española De AnestesiologÃa Y Reanimación, 2020, 67, 361-363.	0.3	0
33	Changes in Ventilation Strategies During Thoracic Surgery: Do We Have to Focus "Only―in Oxygenation?. , 2020, , 153-164.		0
34	Estudio de validación de los parámetros dinámicos de onda de pulso en cirugÃa de resección pulmonar. Revista Española De AnestesiologÃa Y Reanimación, 2020, 67, 55-62.	0.3	2
35	Intraoperative Ventilation Strategies to Reduce Pulmonary Complications in Obese Patients. JAMA - Journal of the American Medical Association, 2019, 322, 1828.	7.4	2
36	PEEP titration guided by transpulmonary pressure: lessons from a negative trial. Journal of Thoracic Disease, 2019, 11, S1957-S1962.	1.4	3

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37	Association Between Use of Enhanced Recovery After Surgery Protocol and Postoperative Complications in Colorectal Surgery. JAMA Surgery, 2019, 154, 725.	4.3	227
38	Rationale and Study Design for an Individualized Perioperative Open Lung Ventilatory Strategy in Patients on One-Lung Ventilation (iPROVE-OLV). Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 2492-2502.	1.3	20
39	A Prognostic Enrichment Strategy for Selection of Patients With Acute Respiratory Distress Syndrome in Clinical Trials. Critical Care Medicine, 2019, 47, 377-385.	0.9	11
40	Post-anaesthesia pulmonary complications after use of muscle relaxants (POPULAR): a multicentre, prospective observational study. Lancet Respiratory Medicine,the, 2019, 7, 129-140.	10.7	241
41	High-flow nasal cannula oxygenation reduces postoperative hypoxemia in morbidly obese patients: a randomized controlled trial. Minerva Anestesiologica, 2019, 85, 1062-1070.	1.0	19
42	The quest for the perfect Weaning Index. Minerva Anestesiologica, 2019, 85, 336-337.	1.0	1
43	Ser o no ser. Revista Española De AnestesiologÃa Y Reanimación, 2019, 66, 353-354.	0.3	2
44	Big data techniques for the secondary use of clinical data in the generation of medical knowledge. The MIMIC solution. Revista Española De AnestesiologÃa Y Reanimación, 2019, 66, 555-558.	0.3	0
45	Individualized lung recruitment maneuver guided by pulseâ€oximetry in anesthetized patients undergoing laparoscopy: a feasibility study. Acta Anaesthesiologica Scandinavica, 2018, 62, 608-619.	1.6	22
46	Is Overall Mortality the Right Composite Endpoint in Clinical Trials of Acute Respiratory Distress Syndrome?*. Critical Care Medicine, 2018, 46, 892-899.	0.9	26
47	Individualised perioperative open-lung approach versus standard protective ventilation in abdominal surgery (iPROVE): a randomised controlled trial. Lancet Respiratory Medicine,the, 2018, 6, 193-203.	10.7	155
48	The hip fracture surgery in elderly patients (HIPELD) study to evaluate xenon anaesthesia for the prevention of postoperative delirium: a multicentre, randomized clinical trial. British Journal of Anaesthesia, 2018, 120, 127-137.	3.4	40
49	The Effects of an Open-Lung Approach During One-Lung Ventilation on Postoperative Pulmonary Complications and Driving Pressure: A Descriptive, Multicenter National Study. Journal of Cardiothoracic and Vascular Anesthesia, 2018, 32, 2665-2672.	1.3	45
50	Hiperoxia perioperatoria: mitos y realidades. Revista Española De AnestesiologÃa Y Reanimación, 2018, 65, 183-187.	0.3	0
51	Perioperative hyperoxia: Myths and realities. Revista Española De AnestesiologÃa Y Reanimación (English Edition), 2018, 65, 183-187.	0.1	1
52	Personalized intraoperative positive end-expiratory pressure: a further step in protective ventilation. Minerva Anestesiologica, 2018, 84, 147-149.	1.0	3
53	The accuracy of postoperative, non-invasive Air-Test to diagnose atelectasis in healthy patients after surgery: a prospective, diagnostic pilot study. BMJ Open, 2017, 7, e015560.	1.9	35
54	A Quantile Analysis of Plateau and Driving Pressures: Effects on Mortality in Patients With Acute Respiratory Distress Syndrome Receiving Lung-Protective Ventilation*. Critical Care Medicine, 2017, 45, 843-850.	0.9	88

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55	Performance of the New Turbine Mid-Level Critical Care Ventilators. Respiratory Care, 2017, 62, 34-41.	1.6	11
56	Rationale and study design for an individualised perioperative open-lung ventilatory strategy with a high versus conventional inspiratory oxygen fraction (iPROVE-O2) and its effects on surgical site infection: study protocol for a randomised controlled trial. BMJ Open, 2017, 7, e016765.	1.9	7
57	WHO Needs High FIO2?. Turkish Journal of Anaesthesiology and Reanimation, 2017, 45, 181-192.	0.8	28
58	New frontiers: art and innovation for intraoperative ventilatory management. Minerva Anestesiologica, 2017, 83, 1007-1009.	1.0	0
59	Open lung approach versus standard protective strategies: Effects on driving pressure and ventilatory efficiency during anesthesia - A pilot, randomized controlled trial. PLoS ONE, 2017, 12, e0177399.	2.5	45
60	Postural lung recruitment assessed by lung ultrasound in mechanically ventilated children. The Ultrasound Journal, 2017, 9, 22.	2.0	16
61	Managing Persistent Hypoxemia: what is new?. F1000Research, 2017, 6, 1993.	1.6	0
62	Open Lung Approach for the Acute Respiratory Distress Syndrome. Critical Care Medicine, 2016, 44, 32-42.	0.9	215
63	Age, Pao 2/Fio 2, and Plateau Pressure Score: A Proposal for a Simple Outcome Score in Patients With the Acute Respiratory Distress Syndrome*. Critical Care Medicine, 2016, 44, 1361-1369.	0.9	82
64	Neurally adjusted ventilatory assist in patients with acute respiratory failure: study protocol for a randomized controlled trial. Trials, 2016, 17, 500.	1.6	6
65	Evaluating the efficacy of dexamethasone in the treatment of patients with persistent acute respiratory distress syndrome: study protocol for a randomized controlled trial. Trials, 2016, 17, 342.	1.6	38
66	Epidemiology of invasive candidiasis in a surgical intensive care unit: an observational study. BMC Research Notes, 2015, 8, 491.	1.4	27
67	Accuracy of an autocalibrated pulse contour analysis in cardiac surgery patients: a bi-center clinical trial. BMC Anesthesiology, 2015, 15, 171.	1.8	15
68	Rationale and study design for an individualized perioperative open lung ventilatory strategy (iPROVE): study protocol for a randomized controlled trial. Trials, 2015, 16, 193.	1.6	36
69	The Effects of Flow Waveform on Oxygenation in Pediatric Patients. Anesthesia and Analgesia, 2015, 121, 1111.	2.2	2
70	Inverse Ratio Ventilation. Critical Care Medicine, 2015, 43, 724-725.	0.9	1
71	Adjusting tidal volume to stress index in an open lung condition optimizes ventilation and prevents overdistension in an experimental model of lung injury and reduced chest wall compliance. Critical Care, 2015, 19, 9.	5.8	20
72	Protection strategies during cardiopulmonary bypass. Current Opinion in Anaesthesiology, 2015, 28, 73-80.	2.0	23

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73	Effects of different flow patterns and end-inspiratory pause on oxygenation and ventilation in newborn piglets: an experimental study. BMC Anesthesiology, 2014, 14, 96.	1.8	4
74	Anidulafungin dosing in critically ill patients with continuous venovenous haemodiafiltration. Journal of Antimicrobial Chemotherapy, 2014, 69, 1620-1623.	3.0	34
75	Paraganglioma review: A clinical case. Trends in Anaesthesia and Critical Care, 2014, 4, 159-164.	0.9	1
76	Pharmacokinetics of anidulafungin during albumin dialysis. Critical Care, 2014, 18, 422.	5.8	11
77	Setting Individualized Positive End-Expiratory Pressure Level with a Positive End-Expiratory Pressure Decrement Trial After a Recruitment Maneuver Improves Oxygenation and Lung Mechanics During One-Lung Ventilation. Anesthesia and Analgesia, 2014, 118, 657-665.	2.2	122
78	In Response. Anesthesia and Analgesia, 2014, 119, 1222-1223.	2.2	0
79	Pathophysiology of respiratory failure. Trends in Anaesthesia and Critical Care, 2013, 3, 265-269.	0.9	4
80	Sevoflurane, but not propofol, reduces the lung inflammatory response and improves oxygenation in an acute respiratory distress syndrome model. European Journal of Anaesthesiology, 2013, 30, 455-463.	1.7	59
81	Extravascular Lung Water Does Not Increase in Hypovolemic Patients after a Fluid-Loading Protocol Guided by the Stroke Volume Variation. Critical Care Research and Practice, 2012, 2012, 1-7.	1.1	3
82	Mechanical ventilation in the operating room: Adjusting VT, PEEP, and FiO2. Trends in Anaesthesia and Critical Care, 2012, 2, 269-273.	0.9	1
83	Comparison of the Laryngeal View during Tracheal Intubation Using Airtraq and Macintosh Laryngoscopes by Unskillful Anesthesiology Residents: A Clinical Study. Anesthesiology Research and Practice, 2011, 2011, 1-5.	0.7	9
84	Assessing the Left Ventricular Systolic Function at the Bedside: The Role of Transpulmonary Thermodilution-Derived Indices. Anesthesiology Research and Practice, 2011, 2011, 1-4.	0.7	3
85	Variation in Extravascular Lung Water in ALI/ARDS Patients using Open Lung Strategy. , 2009, , 424-432.		Ο