

# Salvatore M Maggiore

## List of Publications by Year in descending order

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75  
papers

6,046  
citations

126708

33  
h-index

76769

74  
g-index

77  
all docs

77  
docs citations

77  
times ranked

4660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of Mortality over Time in Patients Receiving Mechanical Ventilation. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 220-230.	2.5	999
2	A multiple-center survey on the use in clinical practice of noninvasive ventilation as a first-line intervention for acute respiratory distress syndrome*. Critical Care Medicine, 2007, 35, 18-25.	0.4	476
3	The Application of Esophageal Pressure Measurement in Patients with Respiratory Failure. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 520-531.	2.5	443
4	Nasal High-Flow versus Venturi Mask Oxygen Therapy after Extubation. Effects on Oxygenation, Comfort, and Clinical Outcome. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 282-288.	2.5	440
5	Effect of Helmet Noninvasive Ventilation vs High-Flow Nasal Oxygen on Days Free of Respiratory Support in Patients With COVID-19 and Moderate to Severe Hypoxemic Respiratory Failure. JAMA - Journal of the American Medical Association, 2021, 325, 1731.	3.8	295
6	Effects of levosimendan on right ventricular afterload in patients with acute respiratory distress syndrome: A pilot study*. Critical Care Medicine, 2006, 34, 2287-2293.	0.4	283
7	Determinants of Procedural Pain Intensity in the Intensive Care Unit. The Europain® Study. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 39-47.	2.5	259
8	Use of high-flow nasal cannula oxygenation in ICU adults: a narrative review. Intensive Care Medicine, 2016, 42, 1336-1349.	3.9	237
9	The role for high flow nasal cannula as a respiratory support strategy in adults: a clinical practice guideline. Intensive Care Medicine, 2020, 46, 2226-2237.	3.9	185
10	Prevention of Endotracheal Suctioning-induced Alveolar Derecruitment in Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 1215-1224.	2.5	175
11	Effect of the humidification device on the work of breathing during noninvasive ventilation. Intensive Care Medicine, 2002, 28, 1582-1589.	3.9	135
12	Respiratory physiology of COVID-19-induced respiratory failure compared to ARDS of other etiologies. Critical Care, 2020, 24, 529.	2.5	128
13	Non-invasive ventilatory support and high-flow nasal oxygen as first-line treatment of acute hypoxemic respiratory failure and ARDS. Intensive Care Medicine, 2021, 47, 851-866.	3.9	115
14	Physiological Comparison of High-Flow Nasal Cannula and Helmet Noninvasive Ventilation in Acute Hypoxemic Respiratory Failure. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 303-312.	2.5	113
15	Research in ARDS. Gas Exchange in Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 964-984.	2.5	106
16	Influence of Ambient and Ventilator Output Temperatures on Performance of Heated-Wire Humidifiers. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 1073-1079.	2.5	97
17	Respective effects of end-expiratory and end-inspiratory pressures on alveolar recruitment in acute lung injury*. Critical Care Medicine, 2003, 31, 89-92.	0.4	96
18	A multicenter, randomized trial of noninvasive ventilation with helium-oxygen mixture in exacerbations of chronic obstructive lung disease*. Critical Care Medicine, 2010, 38, 145-151.	0.4	94

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19	Water content of delivered gases during non-invasive ventilation in healthy subjects. <i>Intensive Care Medicine</i> , 2009, 35, 987-995.	3.9	78
20	Alveolar Recruitment in Pulmonary and Extrapulmonary Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2007, 106, 212-217.	1.3	72
21	Decreasing the Adverse Effects of Endotracheal Suctioning During Mechanical Ventilation by Changing Practice. <i>Respiratory Care</i> , 2013, 58, 1588-1597.	0.8	67
22	Influence of respiratory rate on gas trapping during low volume ventilation of patients with acute lung injury. <i>Intensive Care Medicine</i> , 2002, 28, 1078-1083.	3.9	65
23	Humidification Performance of 48 Passive Airway Humidifiers. <i>Chest</i> , 2009, 135, 276-286.	0.4	65
24	Effects of vertical positioning on gas exchange and lung volumes in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2006, 32, 1623-1626.	3.9	63
25	Online vs live methods for teaching difficult airway management to anesthesiology residents. <i>Intensive Care Medicine</i> , 2005, 31, 547-552.	3.9	61
26	Noninvasive respiratory support in the hypoxaemic peri-operative/periprocedural patient: a joint ESA/ESICM guideline. <i>Intensive Care Medicine</i> , 2020, 46, 697-713.	3.9	43
27	Efficacy of ventilator waveform observation for detection of patientâ€™ ventilator asynchrony during NIV: a multicentre study. <i>ERJ Open Research</i> , 2017, 3, 00075-2017.	1.1	42
28	Impact of sedation and analgesia during noninvasive positive pressure ventilation on outcome: a marginal structural model causal analysis. <i>Intensive Care Medicine</i> , 2015, 41, 1586-1600.	3.9	41
29	The intensive care medicine research agenda for airways, invasive and noninvasive mechanical ventilation. <i>Intensive Care Medicine</i> , 2017, 43, 1352-1365.	3.9	41
30	Year in review in <i>Intensive Care Medicine</i> 2011. II. Cardiovascular, infections, pneumonia and sepsis, critical care organization and outcome, education, ultrasonography, metabolism and coagulation. <i>Intensive Care Medicine</i> , 2012, 38, 345-358.	3.9	40
31	Ventilatory support after extubation in critically ill patients. <i>Lancet Respiratory Medicine</i> , 2018, 6, 948-962.	5.2	39
32	High-Flow Nasal Cannula in the Immediate Postoperative Period. <i>Chest</i> , 2020, 158, 1934-1946.	0.4	39
33	Clinical review: bedside assessment of alveolar recruitment. <i>Critical Care</i> , 2003, 8, 163.	2.5	36
34	High Failure Rate of Noninvasive Oxygenation Strategies in Critically Ill Subjects With Acute Hypoxemic Respiratory Failure Due to COVID-19. <i>Respiratory Care</i> , 2021, 66, 705-714.	0.8	36
35	Physiological effects of high-flow oxygen in tracheostomized patients. <i>Annals of Intensive Care</i> , 2019, 9, 114.	2.2	36
36	Risk factors and outcome of <i>Acinetobacter baumannii</i> infection in severe trauma patients. <i>Intensive Care Medicine</i> , 2009, 35, 1964-1969.	3.9	33

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37	High-Flow Nasal Cannula Compared With Conventional Oxygen Therapy or Noninvasive Ventilation Immediately Postextubation: A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2020, 48, e1129-e1136.	0.4	32
38	Pressure-volume curves with and without muscle paralysis in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2006, 32, 1322-1328.	3.9	30
39	Moderate Certainty Evidence Suggests the Use of High-Flow Nasal Cannula Does Not Decrease Hypoxia When Compared With Conventional Oxygen Therapy in the Peri-Intubation Period: Results of a Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2020, 48, 571-578.	0.4	29
40	Influence of lung collapse distribution on the physiologic response to recruitment maneuvers during noninvasive continuous positive airway pressure. <i>Intensive Care Medicine</i> , 2011, 37, 1095-1102.	3.9	28
41	Endotracheal suctioning, ventilator-associated pneumonia, and costs: open or closed issue?. <i>Intensive Care Medicine</i> , 2006, 32, 485-487.	3.9	25
42	Short-Term Effects of Humidification Devices on Respiratory Pattern and Arterial Blood Gases During Noninvasive Ventilation. <i>Respiratory Care</i> , 2012, 57, 1879-1886.	0.8	24
43	Year in review in <i>Intensive Care Medicine</i> 2011: III. ARDS and ECMO, weaning, mechanical ventilation, noninvasive ventilation, pediatrics and miscellanea. <i>Intensive Care Medicine</i> , 2012, 38, 542-556.	3.9	24
44	Year in review in <i>Intensive Care Medicine</i> 2009: I. Pneumonia and infections, sepsis, outcome, acute renal failure and acid base, nutrition and glycaemic control. <i>Intensive Care Medicine</i> , 2010, 36, 196-209.	3.9	22
45	Year in review in <i>Intensive Care Medicine</i> , 2008: II. Experimental, acute respiratory failure and ARDS, mechanical ventilation and endotracheal intubation. <i>Intensive Care Medicine</i> , 2009, 35, 215-231.	3.9	19
46	Year in review in <i>Intensive Care Medicine</i> 2011: I. Nephrology, epidemiology, nutrition and therapeutics, neurology, ethical and legal issues, experimentals. <i>Intensive Care Medicine</i> , 2012, 38, 192-209.	3.9	19
47	High-Flow Versus VenturiMask Oxygen Therapy to Prevent Reintubation in Hypoxemic Patients after Extubation: A Multicenter Randomized Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 1452-1462.	2.5	19
48	Year in review in <i>Intensive Care Medicine</i> 2010: III. ARDS and ALI, mechanical ventilation, noninvasive ventilation, weaning, endotracheal intubation, lung ultrasound and paediatrics. <i>Intensive Care Medicine</i> , 2011, 37, 394-410.	3.9	16
49	Euthanasia, therapeutic obstinacy or something else? An Italian case. <i>Intensive Care Medicine</i> , 2005, 31, 997-998.	3.9	14
50	Year in review in <i>Intensive Care Medicine</i> 2012: III. Noninvasive ventilation, monitoring and patient-ventilator interactions, acute respiratory distress syndrome, sedation, paediatrics and miscellanea. <i>Intensive Care Medicine</i> , 2013, 39, 543-557.	3.9	14
51	Year in review in <i>Intensive Care Medicine</i> 2009. Part III: Mechanical ventilation, acute lung injury and respiratory distress syndrome, pediatrics, ethics, and miscellanea. <i>Intensive Care Medicine</i> , 2010, 36, 567-584.	3.9	13
52	Year in review in <i>Intensive Care Medicine</i> , 2008: I. Brain injury and neurology, renal failure and endocrinology, metabolism and nutrition, sepsis, infections and pneumonia. <i>Intensive Care Medicine</i> , 2009, 35, 30-44.	3.9	12
53	Tidal Volume Lowering by Instrumental Dead Space Reduction in Brain-Injured ARDS Patients: Effects on Respiratory Mechanics, Gas Exchange, and Cerebral Hemodynamics. <i>Neurocritical Care</i> , 2021, 34, 21-30.	1.2	11
54	Understanding left ventricular diastolic dysfunction in anesthesia and intensive care patients: a glass with progressive shape change. <i>Minerva Anestesiologica</i> , 2022, 88, .	0.6	11

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55	Year in review in Intensive Care Medicine 2012. II: Pneumonia and infection, sepsis, coagulation, hemodynamics, cardiovascular and microcirculation, critical care organization, imaging, ethics and legal issues. Intensive Care Medicine, 2013, 39, 345-364.	3.9	10
56	Year in review in Intensive Care Medicine 2012: I. Neurology and neurointensive care, epidemiology and nephrology, biomarkers and inflammation, nutrition, experimentals. Intensive Care Medicine, 2013, 39, 232-246.	3.9	10
57	Dyspnoea and clinical outcome in critically ill patients receiving noninvasive support for COVID-19 respiratory failure: <i>post hoc</i> analysis of a randomised clinical trial. ERJ Open Research, 2021, 7, 00418-2021.	1.1	10
58	Pressure-volume curve in the critically ill. Current Opinion in Critical Care, 2000, 6, 1-10.	1.6	9
59	Year in review in Intensive Care Medicine 2010: II. Pneumonia and infections, cardiovascular and haemodynamics, organization, education, haematology, nutrition, ethics and miscellanea. Intensive Care Medicine, 2011, 37, 196-213.	3.9	8
60	Patient-ventilator interaction with conventional and automated management of pressure support during difficult weaning from mechanical ventilation. Journal of Critical Care, 2018, 48, 203-210.	1.0	8
61	Easy prognostic assessment of concomitant organ failure in critically ill patients undergoing mechanical ventilation. European Journal of Internal Medicine, 2019, 70, 18-23.	1.0	8
62	Year in review in Intensive Care Medicine, 2007. III. Ethics and legislation, health services research, pharmacology and toxicology, nutrition and paediatrics. Intensive Care Medicine, 2008, 34, 598-609.	3.9	6
63	Year in review in Intensive Care Medicine, 2008: III. Paediatrics, Ethics, outcome research and critical care organization, sedation, pharmacology and miscellanea. Intensive Care Medicine, 2009, 35, 405-416.	3.9	6
64	Year in review in Intensive Care Medicine 2009: II. Neurology, cardiovascular, experimental, pharmacology and sedation, communication and teaching. Intensive Care Medicine, 2010, 36, 412-427.	3.9	6
65	Noninvasive oscillatory ventilation (NHFOV) in infants: Another brick in the wall of paediatric noninvasive ventilation?. Pediatric Pulmonology, 2016, 51, 663-664.	1.0	6
66	Driving Pressure Is a Risk Factor for ARDS in Mechanically Ventilated Subjects Without ARDS. Respiratory Care, 2021, 66, 1505-1513.	0.8	5
67	Year in review in Intensive Care Medicine 2010: I. Acute renal failure, outcome, risk assessment and ICU performance, sepsis, neuro intensive care and experimentals. Intensive Care Medicine, 2011, 37, 19-34.	3.9	4
68	Year in review in Intensive Care Medicine, 2007. I. Experimental studies. Clinical studies: brain injury and neurology, renal failure and endocrinology. Intensive Care Medicine, 2008, 34, 229-242.	3.9	3
69	Consensus statement of the ESICM task force on colloid volume therapy in critically ill patients: editorsâ€™ reply to Zacharowski et al.. Intensive Care Medicine, 2012, 38, 1560-1560.	3.9	3
70	Method and Interpretation of the Pressure Volume Curve in Patients With Acute Respiratory Distress Syndrome. Clinical Pulmonary Medicine, 2005, 12, 352-358.	0.3	2
71	ICU physicians, end-of-life care, and the law: authorsâ€™ reply. Intensive Care Medicine, 2005, 31, 1726-1726.	3.9	2
72	Expanding our horizons beyond the intensive care unit: does mechanism of lung injury influence the quality of life in ARDS survivors?. Intensive Care Medicine, 2006, 32, 1683-1685.	3.9	2

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73	Year in review in Intensive Care Medicine, 2007. II. Haemodynamics, pneumonia, infections and sepsis, invasive and non-invasive mechanical ventilation, acute respiratory distress syndrome. Intensive Care Medicine, 2008, 34, 405-422.	3.9	2
74	Individualized positive end-expiratory pressure guided by end-expiratory lung volume in early acute respiratory distress syndrome: study protocol for the multicenter, randomized IPERPEEP trial. Trials, 2022, 23, 63.	0.7	1
75	Spontaneous coronary artery dissection complicated by cardiac arrest in pregnancy. Minerva Anestesiologica, 2018, 84, 1326-1327.	0.6	0