

# Rosanna R Vaschetto

## List of Publications by Citations

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66

papers

1,899

citations

24

h-index

42

g-index

76

ext. papers

2,455

ext. citations

6.7

avg, IF

4.4

L-index

#	Paper	IF	Citations
66	Nasal high-flow versus Venturi mask oxygen therapy after extubation. Effects on oxygenation, comfort, and clinical outcome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 190, 282-8	10.2	312
65	Efficacy of ventilator waveforms observation in detecting patient-ventilator asynchrony. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 2452-7	1.4	148
64	Human neutrophil peptides induce interleukin-8 production through the P2Y6 signaling pathway. <i>Blood</i> , <b>2006</b> , 107, 2936-42	2.2	98
63	Osteopontin at the Crossroads of Inflammation and Tumor Progression. <i>Mediators of Inflammation</i> , <b>2017</b> , 2017, 4049098	4.3	92
62	Effects of propofol on patient-ventilator synchrony and interaction during pressure support ventilation and neurally adjusted ventilatory assist. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 74-82	1.4	92
61	A new setting to improve noninvasive neurally adjusted ventilatory assist by helmet. <i>Critical Care</i> , <b>2014</b> , 18, P269	10.8	78
60	Noninvasive ventilation through a helmet in postextubation hypoxemic patients: physiologic comparison between neurally adjusted ventilatory assist and pressure support ventilation. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1943-50	14.5	66
59	Neurally adjusted ventilatory assist decreases ventilator-induced lung injury and non-pulmonary organ dysfunction in rabbits with acute lung injury. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 1979-89	14.5	55
58	Serum levels of osteopontin are increased in SIRS and sepsis. <i>Intensive Care Medicine</i> , <b>2008</b> , 34, 2176-84	14.5	53
57	Circulating Exosomes Are Strongly Involved in SARS-CoV-2 Infection. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 632290	5.6	49
56	Inhibition of poly(adenosine diphosphate-ribose) polymerase attenuates ventilator-induced lung injury. <i>Anesthesiology</i> , <b>2008</b> , 108, 261-8	4.3	48
55	Noninvasive ventilation after early extubation in patients recovering from hypoxemic acute respiratory failure: a single-centre feasibility study. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 1599-606	14.5	47
54	Fatality rate and predictors of mortality in an Italian cohort of hospitalized COVID-19 patients. <i>Scientific Reports</i> , <b>2020</b> , 10, 20731	4.9	42
53	Oronasal mask versus helmet in acute hypercapnic respiratory failure. <i>European Respiratory Journal</i> , <b>2015</b> , 45, 691-9	13.6	38
52	Circulating Platelet-Derived Extracellular Vesicles Are a Hallmark of Sars-Cov-2 Infection. <i>Cells</i> , <b>2021</b> , 10,	7.9	38
51	Early extubation followed by immediate noninvasive ventilation vs. standard extubation in hypoxemic patients: a randomized clinical trial. <i>Intensive Care Medicine</i> , <b>2019</b> , 45, 62-71	14.5	36
50	The T cell activation molecule H4 and the CD28-like molecule ICOS are identical. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 3463-7	6.1	35

49	Mechanisms of H4/ICOS costimulation: effects on proximal TCR signals and MAP kinase pathways. <i>European Journal of Immunology</i> , <b>2003</b> , 33, 204-14	6.1	33
48	New Setting of Neurally Adjusted Ventilatory Assist during Noninvasive Ventilation through a Helmet. <i>Anesthesiology</i> , <b>2016</b> , 125, 1181-1189	4.3	32
47	New versus Conventional Helmet for Delivering Noninvasive Ventilation: A Physiologic, Crossover Randomized Study in Critically Ill Patients. <i>Anesthesiology</i> , <b>2016</b> , 124, 101-8	4.3	31
46	Role of human neutrophil peptides in the initial interaction between lung epithelial cells and CD4+ lymphocytes. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 81, 1022-31	6.5	28
45	Cerebral nervous system vasculitis in a Covid-19 patient with pneumonia. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 79, 71-73	2.2	28
44	"War to the knife" against thromboinflammation to protect endothelial function of COVID-19 patients. <i>Critical Care</i> , <b>2020</b> , 24, 365	10.8	26
43	Spontaneous breathing trial and post-extubation work of breathing in morbidly obese critically ill patients. <i>Critical Care</i> , <b>2016</b> , 20, 346	10.8	25
42	Diaphragmatic Ultrasound Assessment in Subjects With Acute Hypercapnic Respiratory Failure Admitted to the Emergency Department. <i>Respiratory Care</i> , <b>2019</b> , 64, 1469-1477	2.1	24
41	Renal hypoperfusion and impaired endothelium-dependent vasodilation in an animal model of VILI: the role of the peroxynitrite-PARP pathway. <i>Critical Care</i> , <b>2010</b> , 14, R45	10.8	24
40	High tidal volume mechanical ventilation-induced lung injury in rats is greater after acid instillation than after sepsis-induced acute lung injury, but does not increase systemic inflammation: an experimental study. <i>BMC Anesthesiology</i> , <b>2011</b> , 11, 26	2.4	23
39	Comparative evaluation of three interfaces for non-invasive ventilation: a randomized cross-over design physiologic study on healthy volunteers. <i>Critical Care</i> , <b>2014</b> , 18, R2	10.8	22
38	Bench-to-bedside review: Ventilation-induced renal injury through systemic mediator release--just theory or a causal relationship?. <i>Critical Care</i> , <b>2011</b> , 15, 228	10.8	22
37	Influence of lung collapse distribution on the physiologic response to recruitment maneuvers during noninvasive continuous positive airway pressure. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1095-102	14.5	21
36	Outcomes of COVID-19 patients treated with continuous positive airway pressure outside the intensive care unit. <i>ERJ Open Research</i> , <b>2021</b> , 7,	3.5	21
35	Thoracic epidural analgesia in post-thoracotomy patients: comparison of three different concentrations of levobupivacaine and sufentanil. <i>British Journal of Anaesthesia</i> , <b>2009</b> , 102, 418-23	5.4	18
34	Ventilator-induced coagulopathy in experimental Streptococcus pneumoniae pneumonia. <i>European Respiratory Journal</i> , <b>2008</b> , 32, 1599-606	13.6	18
33	The Role of Osteopontin as a Diagnostic and Prognostic Biomarker in Sepsis and Septic Shock. <i>Cells</i> , <b>2019</b> , 8,	7.9	17
32	Noninvasive respiratory support outside the intensive care unit for acute respiratory failure related to coronavirus-19 disease: a systematic review and meta-analysis. <i>Critical Care</i> , <b>2021</b> , 25, 268	10.8	15

31	Inhalational anesthetics in acute severe asthma. <i>Current Drug Targets</i> , <b>2009</b> , 10, 826-32	3	14
30	Critical Care Surge Capacity to Respond to the COVID-19 Pandemic in Italy: A Rapid and Affordable Solution in the Novara Hospital. <i>Prehospital and Disaster Medicine</i> , <b>2020</b> , 35, 431-433	0.8	11
29	A double blind randomized experimental study on the use of IgM-enriched polyclonal immunoglobulins in an animal model of pneumonia developing shock. <i>Immunobiology</i> , <b>2017</b> , 222, 1074-1080	3.1	11
28	Predictors of intubation in COVID-19 patients treated with out-of-ICU continuous positive airway pressure. <i>Pulmonology</i> , <b>2021</b> ,	3.7	11
27	Sampling and analyzing alveolar exhaled breath condensate in mechanically ventilated patients: a feasibility study. <i>Journal of Breath Research</i> , <b>2015</b> , 9, 047106	3.1	9
26	Production of endothelin-1 and reduced blood flow in the rat kidney during lung-injurious mechanical ventilation. <i>Anesthesia and Analgesia</i> , <b>2008</b> , 107, 1276-83	3.9	9
25	Simple Parameters from Complete Blood Count Predict In-Hospital Mortality in COVID-19. <i>Disease Markers</i> , <b>2021</b> , 2021, 8863053	3.2	9
24	Evaluation of a systematic approach to weaning of tracheotomized neurological patients: an early interrupted randomized controlled trial. <i>Annals of Intensive Care</i> , <b>2015</b> , 5, 54	8.9	7
23	Predicted Effects of Stopping COVID-19 Lockdown on Italian Hospital Demand. <i>Disaster Medicine and Public Health Preparedness</i> , <b>2020</b> , 14, 638-642	2.8	6
22	Osteopontin induces soluble urokinase-type plasminogen activator receptor production and release. <i>Minerva Anestesiologica</i> , <b>2015</b> , 81, 157-65	1.9	6
21	Metabolomics Diagnosis of COVID-19 from Exhaled Breath Condensate.. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	5
20	Ten tips to optimize weaning and extubation success in the critically ill. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2461-2463	14.5	5
19	Esophageal Pressure Versus Gas Exchange to Set PEEP During Intraoperative Ventilation. <i>Respiratory Care</i> , <b>2020</b> , 65, 625-635	2.1	4
18	High levels of circulating osteopontin in inflammatory lung disease regardless of Sars-CoV-2 infection. <i>EMBO Molecular Medicine</i> , <b>2021</b> , 13, e14124	12	4
17	Osteopontin in the Cerebrospinal Fluid of Patients with Severe Aneurysmal Subarachnoid Hemorrhage. <i>Cells</i> , <b>2019</b> , 8,	7.9	3
16	Injurious mechanical ventilation causes kidney apoptosis and dysfunction during sepsis but not after intra-tracheal acid instillation: an experimental study. <i>BMC Nephrology</i> , <b>2014</b> , 15, 126	2.7	3
15	An update on acute kidney injury after cardiac surgery. <i>Acta Clinica Belgica</i> , <b>2007</b> , 62 Suppl 2, 380-4	1.8	3
14	Oesophageal balloon calibration during pressure support ventilation: a proof of concept study. <i>Journal of Clinical Monitoring and Computing</i> , <b>2020</b> , 34, 1223-1231	2	3

13	Personalised mechanical ventilation in acute respiratory distress syndrome: the right idea with the wrong tools?. <i>Lancet Respiratory Medicine</i> , <b>2019</b> , 7, e38	35.1	3
12	Neurally adjusted ventilatory assist <b>2012</b> , 116-123		2
11	Diaphragmatic Kinetics Assessment by Tissue Doppler Imaging and Extubation Outcome. <i>Respiratory Care</i> , <b>2021</b> , 66, 983-993	2.1	2
10	Early extubation with immediate non-invasive ventilation versus standard weaning in intubated patients for coronavirus disease 2019: a retrospective multicenter study. <i>Scientific Reports</i> , <b>2021</b> , 11, 13418	4.9	2
9	Esophageal balloon calibration during Sigh: A physiologic, randomized, cross-over study. <i>Journal of Critical Care</i> , <b>2021</b> , 61, 125-132	4	2
8	Diaphragmatic excursion tissue Doppler sonographic assessment. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1759-1760	14.5	1
7	Effects of early extubation followed by noninvasive ventilation versus standard extubation on the duration of invasive mechanical ventilation in hypoxemic non-hypercapnic patients: a systematic review and individual patient data meta-analysis of randomized controlled trials. <i>Critical Care</i> , <b>2021</b> , 25, 189	10.8	1
6	Cheyne-Stokes breathing pattern and neurally adjusted ventilatory assist in a neuro-critical patient. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 540-541	14.5	1
5	Neurally adjusted ventilatory assist preserves cerebral blood flow velocity in patients recovering from acute brain injury. <i>Journal of Clinical Monitoring and Computing</i> , <b>2021</b> , 35, 627-636	2	1
4	Effects of Varying Levels of Inspiratory Assistance with Pressure Support Ventilation and Neurally Adjusted Ventilatory Assist on Driving Pressure in Patients Recovering from Hypoxemic Respiratory Failure. <i>Journal of Clinical Monitoring and Computing</i> , <b>2021</b> , 1	2	1
3	The Role of Lung Ultrasound Monitoring in Early Detection of Ventilator-Associated Pneumonia in COVID-19 Patients: A Retrospective Observational Study. <i>Journal of Clinical Medicine</i> , <b>2022</b> , 11, 3001	5.1	0
2	Acute noninvasive ventilation 186-199		
1	Delayed Neurological Sequelae Successfully Treated with Adjuvant, Prolonged Hyperbaric Oxygen Therapy: Review and Case Report.. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19,	4.6	