

# Nuttapol Rittayamai

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

3,684  
citations

218677

26  
h-index

223800

46  
g-index

54  
all docs

54  
docs citations

54  
times ranked

3182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Noninvasive Ventilation of Patients with Acute Respiratory Distress Syndrome. Insights from the LUNG SAFE Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 67-77.	5.6	456
2	Mechanical Ventilation-induced Diaphragm Atrophy Strongly Impacts Clinical Outcomes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 204-213.	5.6	441
3	Evolution of Diaphragm Thickness during Mechanical Ventilation. Impact of Inspiratory Effort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1080-1088.	5.6	391
4	Esophageal and transpulmonary pressure in the clinical setting: meaning, usefulness and perspectives. <i>Intensive Care Medicine</i> , 2016, 42, 1360-1373.	8.2	352
5	Potential for Lung Recruitment Estimated by the Recruitment-to-Inflation Ratio in Acute Respiratory Distress Syndrome. A Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 178-187.	5.6	197
6	The role for high flow nasal cannula as a respiratory support strategy in adults: a clinical practice guideline. <i>Intensive Care Medicine</i> , 2020, 46, 2226-2237.	8.2	185
7	High-Flow Nasal Cannula Versus Conventional Oxygen Therapy After Endotracheal Extubation: A Randomized Crossover Physiologic Study. <i>Respiratory Care</i> , 2014, 59, 485-490.	1.6	134
8	Use of High-Flow Nasal Cannula for Acute Dyspnea and Hypoxemia in the Emergency Department. <i>Respiratory Care</i> , 2015, 60, 1377-1382.	1.6	113
9	Pressure-Controlled vs Volume-Controlled Ventilation in Acute Respiratory Failure. <i>Chest</i> , 2015, 148, 340-355.	0.8	111
10	Use of nasal high flow oxygen during acute respiratory failure. <i>Intensive Care Medicine</i> , 2020, 46, 2238-2247.	8.2	109
11	Effort to Breathe with Various Spontaneous Breathing Trial Techniques. A Physiologic Meta-analysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1477-1485.	5.6	107
12	Geo-economic variations in epidemiology, patterns of care, and outcomes in patients with acute respiratory distress syndrome: insights from the LUNG SAFE prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2017, 5, 627-638.	10.7	93
13	Epidemiology and patterns of tracheostomy practice in patients with acute respiratory distress syndrome in ICUs across 50 countries. <i>Critical Care</i> , 2018, 22, 195.	5.8	91
14	Airway Occlusion Pressure As an Estimate of Respiratory Drive and Inspiratory Effort during Assisted Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1086-1098.	5.6	91
15	Immunocompromised patients with acute respiratory distress syndrome: secondary analysis of the LUNG SAFE database. <i>Critical Care</i> , 2018, 22, 157.	5.8	84
16	Trials directly comparing alternative spontaneous breathing trial techniques: a systematic review and meta-analysis. <i>Critical Care</i> , 2017, 21, 127.	5.8	67
17	Monitoring patient-ventilator asynchrony. <i>Current Opinion in Critical Care</i> , 2016, 22, 246-253.	3.2	52
18	Effect of inspiratory synchronization during pressure-controlled ventilation on lung distension and inspiratory effort. <i>Annals of Intensive Care</i> , 2017, 7, 100.	4.6	52

#	ARTICLE	IF	CITATIONS
19	Effects of high-flow nasal cannula and non-invasive ventilation on inspiratory effort in hypercapnic patients with chronic obstructive pulmonary disease: a preliminary study. <i>Annals of Intensive Care</i> , 2019, 9, 122.	4.6	52
20	Association of Low Baseline Diaphragm Muscle Mass With Prolonged Mechanical Ventilation and Mortality Among Critically Ill Adults. <i>JAMA Network Open</i> , 2020, 3, e1921520.	5.9	52
21	Recent advances in mechanical ventilation in patients with acute respiratory distress syndrome. <i>European Respiratory Review</i> , 2015, 24, 132-140.	7.1	50
22	Resolved versus confirmed ARDS after 24h: insights from the LUNG SAFE study. <i>Intensive Care Medicine</i> , 2018, 44, 564-577.	8.2	48
23	Sleep and Pathological Wakefulness at the Time of Liberation from Mechanical Ventilation (SLEEWE). A Prospective Multicenter Physiological Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1106-1115.	5.6	46
24	High-flow nasal oxygen versus noninvasive ventilation in adult patients with cystic fibrosis: a randomized crossover physiological study. <i>Annals of Intensive Care</i> , 2018, 8, 85.	4.6	32
25	Hyperoxemia and excess oxygen use in early acute respiratory distress syndrome: insights from the LUNG SAFE study. <i>Critical Care</i> , 2020, 24, 125.	5.8	29
26	Identifying associations between diabetes and acute respiratory distress syndrome in patients with acute hypoxemic respiratory failure: an analysis of the LUNG SAFE database. <i>Critical Care</i> , 2018, 22, 268.	5.8	28
27	Outcomes of Patients Presenting with Mild Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2019, 130, 263-283.	2.5	28
28	Positive and negative effects of mechanical ventilation on sleep in the ICU: a review with clinical recommendations. <i>Intensive Care Medicine</i> , 2016, 42, 531-541.	8.2	27
29	Automated detection and quantification of reverse triggering effort under mechanical ventilation. <i>Critical Care</i> , 2021, 25, 60.	5.8	27
30	Accuracy of delivered airway pressure and work of breathing estimation during proportional assist ventilation: a bench study. <i>Annals of Intensive Care</i> , 2016, 6, 30.	4.6	21
31	A diaphragmatic electrical activity-based optimization strategy during pressure support ventilation improves synchronization but does not impact work of breathing. <i>Critical Care</i> , 2017, 21, 21.	5.8	20
32	Ultrasound Evaluation of Diaphragm Force Reserve in Patients with Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2020, 17, 1222-1230.	3.2	18
33	The evolution of diaphragm activity and function determined by ultrasound during spontaneous breathing trials. <i>Journal of Critical Care</i> , 2019, 51, 133-138.	2.2	14
34	Duration of diaphragmatic inactivity after endotracheal intubation of critically ill patients. <i>Critical Care</i> , 2021, 25, 26.	5.8	14
35	Death in hospital following ICU discharge: insights from the LUNG SAFE study. <i>Critical Care</i> , 2021, 25, 144.	5.8	12
36	Prevalence of osteoporosis and osteopenia in Thai COPD patients. <i>Journal of the Medical Association of Thailand = Chotmaihet Thangphaet</i> , 2012, 95, 1021-7.	0.1	9

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37	Noninvasive respiratory support in intensive care medicine. <i>Intensive Care Medicine</i> , 2022, 48, 1211-1214.	8.2	7
38	The immunogenicity of the intradermal injection of seasonal trivalent influenza vaccine containing influenza A(H1N1)pdm09 in COPD patients soon after a pandemic. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 1-10.	3.3	5
39	Comparison of immunogenicity between intradermal and intramuscular injections of repeated annual identical influenza virus strains post-pandemic (2011-2012) in COPD patients. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 1371-1379.	3.3	4
40	High-Flow Oxygen Therapy in Tracheostomized Subjects With Prolonged Mechanical Ventilation: A Randomized Crossover Physiologic Study. <i>Respiratory Care</i> , 2021, 66, 806-813.	1.6	4
41	Validation of rapid shallow breathing index displayed by the ventilator compared to the standard technique in patients with readiness for weaning. <i>BMC Pulmonary Medicine</i> , 2021, 21, 310.	2.0	4
42	Effectiveness of a chest physiotherapy care map in hospitalized patients. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2020, 49, 616-621.	1.6	3
43	Extensive pulmonary alveolar microlithiasis. <i>Respirology Case Reports</i> , 2014, 2, 4-6.	0.6	1
44	What's new in ARDS (clinical studies). <i>Intensive Care Medicine</i> , 2014, 40, 1731-1733.	8.2	1
45	CAN THEORETICAL VALUES FOR CHEST WALL COMPLIANCE BE USED IN ARDS PATIENTS?. <i>Intensive Care Medicine Experimental</i> , 2015, 3, A999.	1.9	1
46	Number of attempts required by emergency physicians to achieve competency in diaphragmatic ultrasound imaging. <i>Journal of Clinical Ultrasound</i> , 2022, 50, 256-262.	0.8	1
47	0989. Accuracy of delivered airway pressure during proportional assist ventilation +. A bench study. <i>Intensive Care Medicine Experimental</i> , 2014, 2, .	1.9	0
48	714. <i>Critical Care Medicine</i> , 2014, 42, A1532.	0.9	0
49	Effect of different pressure-targeted modes of ventilation on transpulmonary pressure and inspiratory effort. <i>Intensive Care Medicine Experimental</i> , 2015, 3, .	1.9	0
50	Decreased Baseline Diaphragm Thickness Independently Predicts Increased Risk of Morbidity and Mortality in Mechanically Ventilated Patients. , 2019, , .		0
51	NONINVASIVE VENTILATION IN ACUTE HYPOXEMIC RESPIRATORY FAILURE: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS. <i>Chest</i> , 2019, 155, 93A.	0.8	0
52	Amyloidosis and respiratory tract involvement: report of two cases. <i>Journal of the Medical Association of Thailand = Chotmai-het Thangphaet</i> , 2011, 94, 1150-3.	0.1	0