Nuttapol Rittayamai

List of Publications by Year
in descending order

52	3,684	218592	223716
papers	citations	26 h-index	46 g-index

54	54	54	3182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Number of attempts required by emergency physicians to achieve competency in diaphragmatic ultrasound imaging. Journal of Clinical Ultrasound, 2022, 50, 256-262.	0.4	1
2	Noninvasive respiratory support in intensive care medicine. Intensive Care Medicine, 2022, 48, 1211-1214.	3.9	7
3	Automated detection and quantification of reverse triggering effort under mechanical ventilation. Critical Care, 2021, 25, 60.	2.5	27
4	High-Flow Oxygen Therapy in Tracheostomized Subjects With Prolonged Mechanical Ventilation: A Randomized Crossover Physiologic Study. Respiratory Care, 2021, 66, 806-813.	0.8	4
5	Death in hospital following ICU discharge: insights from the LUNG SAFE study. Critical Care, 2021, 25, 144.	2.5	12
6	Duration of diaphragmatic inactivity after endotracheal intubation of critically ill patients. Critical Care, 2021, 25, 26.	2.5	14
7	Validation of rapid shallow breathing index displayed by the ventilator compared to the standard technique in patients with readiness for weaning. BMC Pulmonary Medicine, 2021, 21, 310.	0.8	4
8	Potential for Lung Recruitment Estimated by the Recruitment-to-Inflation Ratio in Acute Respiratory Distress Syndrome. A Clinical Trial. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 178-187.	2.5	197
9	Comparison of immunogenicity between intradermal and intramuscular injections of repeated annual identical influenza virus strains post-pandemic (2011-2012) in COPD patients. Human Vaccines and Immunotherapeutics, 2020, 16, 1371-1379.	1.4	4
10	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
11	Use of nasal high flow oxygen during acute respiratory failure. Intensive Care Medicine, 2020, 46, 2238-2247.	3.9	109
12	Effectiveness of a chest physiotherapy care map in hospitalized patients. Heart and Lung: Journal of Acute and Critical Care, 2020, 49, 616-621.	0.8	3
13	Ultrasound Evaluation of Diaphragm Force Reserve in Patients with Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2020, 17, 1222-1230.	1.5	18
14	Airway Occlusion Pressure As an Estimate of Respiratory Drive and Inspiratory Effort during Assisted Ventilation. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1086-1098.	2.5	91
15	Association of Low Baseline Diaphragm Muscle Mass With Prolonged Mechanical Ventilation and Mortality Among Critically Ill Adults. JAMA Network Open, 2020, 3, e1921520.	2.8	52
16	Hyperoxemia and excess oxygen use in early acute respiratory distress syndrome: insights from the LUNG SAFE study. Critical Care, 2020, 24, 125.	2.5	29
17	Decreased Baseline Diaphragm Thickness Independently Predicts Increased Risk of Morbidity and Mortality in Mechanically Ventilated Patients. , 2019, , .		0
18	Sleep and Pathological Wakefulness at the Time of Liberation from Mechanical Ventilation (SLEEWE). A Prospective Multicenter Physiological Study. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1106-1115.	2.5	46

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19	NONINVASIVE VENTILATION IN ACUTE HYPOXEMIC RESPIRATORY FAILURE: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS. Chest, 2019, 155, 93A.	0.4	0
20	The evolution of diaphragm activity and function determined by ultrasound during spontaneous breathing trials. Journal of Critical Care, 2019, 51, 133-138.	1.0	14
21	Effects of high-flow nasal cannula and non-invasive ventilation on inspiratory effort in hypercapnic patients with chronic obstructive pulmonary disease: a preliminary study. Annals of Intensive Care, 2019, 9, 122.	2.2	52
22	Outcomes of Patients Presenting with Mild Acute Respiratory Distress Syndrome. Anesthesiology, 2019, 130, 263-283.	1.3	28
23	Resolved versus confirmed ARDS after 24Âh: insights from the LUNG SAFE study. Intensive Care Medicine, 2018, 44, 564-577.	3.9	48
24	Mechanical Ventilationâ€“induced Diaphragm Atrophy Strongly Impacts Clinical Outcomes. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 204-213.	2.5	441
25	High-flow nasal oxygen versus noninvasive ventilation in adult patients with cystic fibrosis: a randomized crossover physiological study. Annals of Intensive Care, 2018, 8, 85.	2.2	32
26	Identifying associations between diabetes and acute respiratory distress syndrome in patients with acute hypoxemic respiratory failure: an analysis of the LUNG SAFE database. Critical Care, 2018, 22, 268.	2.5	28
27	Immunocompromised patients with acute respiratory distress syndrome: secondary analysis of the LUNG SAFE database. Critical Care, 2018, 22, 157.	2.5	84
28	Epidemiology and patterns of tracheostomy practice in patients with acute respiratory distress syndrome in ICUs across 50 countries. Critical Care, 2018, 22, 195.	2.5	91
29	A diaphragmatic electrical activity-based optimization strategy during pressure support ventilation improves synchronization but does not impact work of breathing. Critical Care, 2017, 21, 21.	2.5	20
30	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. Lancet Respiratory Medicine,the, 2017, 5, 627-638.	5.2	93
31	Trials directly comparing alternative spontaneous breathing trial techniques: a systematic review and meta-analysis. Critical Care, 2017, 21, 127.	2.5	67
32	Noninvasive Ventilation of Patients with Acute Respiratory Distress Syndrome. Insights from the LUNG SAFE Study. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 67-77.	2.5	456
33	Effort to Breathe with Various Spontaneous Breathing Trial Techniques. A Physiologic Meta-analysis. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1477-1485.	2.5	107
34	Effect of inspiratory synchronization during pressure-controlled ventilation on lung distension and inspiratory effort. Annals of Intensive Care, 2017, 7, 100.	2.2	52
35	Monitoring patientâ€“ventilator asynchrony. Current Opinion in Critical Care, 2016, 22, 246-253.	1.6	52
36	Accuracy of delivered airway pressure and work of breathing estimation during proportional assist ventilation: a bench study. Annals of Intensive Care, 2016, 6, 30.	2.2	21

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37	The immunogenicity of the intradermal injection of seasonal trivalent influenza vaccine containing influenza A(H1N1)pdm09 in COPD patients soon after a pandemic. Human Vaccines and Immunotherapeutics, 2016, 12, 1-10.	1.4	5
38	Esophageal and transpulmonary pressure in the clinical setting: meaning, usefulness and perspectives. Intensive Care Medicine, 2016, 42, 1360-1373.	3.9	352
39	Positive and negative effects of mechanical ventilation on sleep in the ICU: a review with clinical recommendations. Intensive Care Medicine, 2016, 42, 531-541.	3.9	27
40	Effect of different pressure-targeted modes of ventilation on transpulmonary pressure and inspiratory effort. Intensive Care Medicine Experimental, 2015, 3, .	0.9	0
41	CAN THEORETICAL VALUES FOR CHEST WALL COMPLIANCE BE USED IN ARDS PATIENTS?. Intensive Care Medicine Experimental, 2015, 3, A999.	0.9	1
42	Use of High-Flow Nasal Cannula for Acute Dyspnea and Hypoxemia in the Emergency Department. Respiratory Care, 2015, 60, 1377-1382.	0.8	113
43	Pressure-Controlled vs Volume-Controlled Ventilation in Acute Respiratory Failure. Chest, 2015, 148, 340-355.	0.4	111
44	Evolution of Diaphragm Thickness during Mechanical Ventilation. Impact of Inspiratory Effort. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1080-1088.	2.5	391
45	Recent advances in mechanical ventilation in patients with acute respiratory distress syndrome. European Respiratory Review, 2015, 24, 132-140.	3.0	50
46	High-Flow Nasal Cannula Versus Conventional Oxygen Therapy After Endotracheal Extubation: A Randomized Crossover Physiologic Study. Respiratory Care, 2014, 59, 485-490.	0.8	134
47	Extensive pulmonary alveolar microlithiasis. Respirology Case Reports, 2014, 2, 4-6.	0.3	1
48	Whatâ€™s new in ARDS (clinical studies). Intensive Care Medicine, 2014, 40, 1731-1733.	3.9	1
49	0989. Accuracy of delivered airway pressure during proportional assist ventilation +. A bench study. Intensive Care Medicine Experimental, 2014, 2, .	0.9	0
50	714. Critical Care Medicine, 2014, 42, A1532.	0.4	0
51	Prevalence of osteoporosis and osteopenia in Thai COPD patients. Journal of the Medical Association of Thailand = Chotmaihet Thangphaet, 2012, 95, 1021-7.	0.4	9
52	Amyloidosis and respiratory tract involvement: report of two cases. Journal of the Medical Association of Thailand = Chotmaihet Thangphaet, 2011, 94, 1150-3.	0.4	0