

Neil R Euliano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4855750/publications.pdf>

Version: 2024-02-01

25
papers

451
citations

1040056
9
h-index

888059
17
g-index

25
all docs

25
docs citations

25
times ranked

504
citing authors

#	ARTICLE	IF	CITATIONS
1	Breathing variability predicts the suggested need for corrective intervention due to the perceived severity of patient-ventilator asynchrony during NIV. Journal of Clinical Monitoring and Computing, 2020, 34, 1035-1042.	1.6	1
2	Clinical decision support recommending ventilator settings during noninvasive ventilation. Journal of Clinical Monitoring and Computing, 2020, 34, 1043-1049.	1.6	2
3	Patients alter power of breathing as the primary response to changes in pressure support ventilation. Journal of Critical Care, 2020, 57, 208-213.	2.2	0
4	Evaluating Fundal Dominant Contractions on Spatiotemporal Electrohysterography as a Marker for Effective Labor Contractions. American Journal of Perinatology, 2019, 36, 924-929.	1.4	5
5	Photoplethysmography and Heart Rate Variability for the Diagnosis of Preeclampsia. Anesthesia and Analgesia, 2018, 126, 913-919.	2.2	9
6	Decision support system facilitates rapid decreases in pressure support and appropriate inspiratory muscle workloads in adults with respiratory failure. Journal of Critical Care, 2017, 42, 213-217.	2.2	6
7	Monitoring Fetal Heart Rate during Labor: A Comparison of Three Methods. Journal of Pregnancy, 2017, 2017, 1-5.	2.4	24
8	Monitoring Uterine Activity during Labor: Clinician Interpretation of Electrohysterography versus Intrauterine Pressure Catheter and Tocodynamometry. American Journal of Perinatology, 2016, 33, 831-838.	1.4	28
9	Real time noninvasive estimation of work of breathing using facemask leak-corrected tidal volume during noninvasive pressure support: validation study. Journal of Clinical Monitoring and Computing, 2016, 30, 285-294.	1.6	8
10	Creating clinical decision support systems for respiratory medicine. , 2015, 2015, 5335-8.		2
11	Pulse based signal processing for systolic peak recognition. , 2015, , .		3
12	Oxygenation advisor recommends appropriate positive end expiratory pressure and FIO2 settings: retrospective validation study. Journal of Clinical Monitoring and Computing, 2014, 28, 203-210.	1.6	3
13	Monitoring uterine activity during labor: a comparison of 3 methods. American Journal of Obstetrics and Gynecology, 2013, 208, 66.e1-66.e6.	1.3	138
14	Expiratory time constant for determinations of plateau pressure, respiratory system compliance, and total resistance. Critical Care, 2013, 17, R23.	5.8	46
15	Noninvasive work of breathing improves prediction of post-extubation outcome. Intensive Care Medicine, 2012, 38, 248-255.	8.2	21
16	Pressure Support Ventilation Advisory System Provides Valid Recommendations for Setting Ventilator. Respiratory Care, 2011, 56, 271-277.	1.6	9
17	A Tissue Equivalent Phantom of the Human Torso for in vivo Biocompatible Communications. IFMBE Proceedings, 2010, , 414-417.	0.3	0
18	Spatiotemporal electrohysterography patterns in normal and arrested labor. American Journal of Obstetrics and Gynecology, 2009, 200, 54.e1-54.e7.	1.3	65

#	ARTICLE	IF	CITATIONS
19	Capsule antennas for medication compliance monitoring. , 2009, , .		3
20	Ventilator Advisory System Employing Load and Tolerance Strategy Recommends Appropriate Pressure Support Ventilation Settings. Chest, 2008, 133, 697-703.	0.8	12
21	Feasibility Study of Printed Capsule Antennas for Medication Compliance Monitoring. , 2007, , .		1
22	Power of breathing determined noninvasively with use of an artificial neural network in patients with respiratory failure*. Critical Care Medicine, 2006, 34, 1052-1059.	0.9	26
23	Principles and networks for self-organization in spaceâ€time. Neural Networks, 2002, 15, 1069-1083.	5.9	24
24	A Spatio-Temporal Memory Based on SOMs with Activity Diffusion. , 1999, , 253-265.		15
25	<title>Word spotting with the gamma neural model</title>. , 1995, , .		0