

Neil R Euliano

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

451
citations

1170033

9
h-index

993246

17
g-index

25
all docs

25
docs citations

25
times ranked

540
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. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 1035-1042.	0.7	1
2	Clinical decision support recommending ventilator settings during noninvasive ventilation. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 1043-1049.	0.7	2
3	Patients alter power of breathing as the primary response to changes in pressure support ventilation. <i>Journal of Critical Care</i> , 2020, 57, 208-213.	1.0	0
4	Evaluating Fundal Dominant Contractions on Spatiotemporal Electrohysterography as a Marker for Effective Labor Contractions. <i>American Journal of Perinatology</i> , 2019, 36, 924-929.	0.6	5
5	Photoplethysmography and Heart Rate Variability for the Diagnosis of Preeclampsia. <i>Anesthesia and Analgesia</i> , 2018, 126, 913-919.	1.1	9
6	Decision support system facilitates rapid decreases in pressure support and appropriate inspiratory muscle workloads in adults with respiratory failure. <i>Journal of Critical Care</i> , 2017, 42, 213-217.	1.0	6
7	Monitoring Fetal Heart Rate during Labor: A Comparison of Three Methods. <i>Journal of Pregnancy</i> , 2017, 2017, 1-5.	1.1	24
8	Monitoring Uterine Activity during Labor: Clinician Interpretation of Electrohysterography versus Intrauterine Pressure Catheter and Tocodynamometry. <i>American Journal of Perinatology</i> , 2016, 33, 831-838.	0.6	28
9	Real time noninvasive estimation of work of breathing using facemask leak-corrected tidal volume during noninvasive pressure support: validation study. <i>Journal of Clinical Monitoring and Computing</i> , 2016, 30, 285-294.	0.7	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. <i>Journal of Clinical Monitoring and Computing</i> , 2014, 28, 203-210.	0.7	3
13	Monitoring uterine activity during labor: a comparison of 3 methods. <i>American Journal of Obstetrics and Gynecology</i> , 2013, 208, 66.e1-66.e6.	0.7	138
14	Expiratory time constant for determinations of plateau pressure, respiratory system compliance, and total resistance. <i>Critical Care</i> , 2013, 17, R23.	2.5	46
15	Noninvasive work of breathing improves prediction of post-extubation outcome. <i>Intensive Care Medicine</i> , 2012, 38, 248-255.	3.9	21
16	Pressure Support Ventilation Advisory System Provides Valid Recommendations for Setting Ventilator. <i>Respiratory Care</i> , 2011, 56, 271-277.	0.8	9
17	A Tissue Equivalent Phantom of the Human Torso for in vivo Biocompatible Communications. <i>IFMBE Proceedings</i> , 2010, , 414-417.	0.2	0
18	Spatiotemporal electrohysterography patterns in normal and arrested labor. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 200, 54.e1-54.e7.	0.7	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.	0.4	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.	0.4	26
23	Principles and networks for self-organization in spaceâ“time. Neural Networks, 2002, 15, 1069-1083.	3.3	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