

Robert T Arntfield

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,058
citations

516710

16
h-index

434195

31
g-index

46
all docs

46
docs citations

46
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	Point of Care Cardiac Ultrasound Applications in the Emergency Department and Intensive Care Unit - A Review. <i>Current Cardiology Reviews</i> , 2012, 8, 98-108.	1.5	121
2	Focused Transesophageal Echocardiography by Emergency Physicians is Feasible and Clinically Influential: Observational Results from a Novel Ultrasound Program. <i>Journal of Emergency Medicine</i> , 2016, 50, 286-294.	0.7	92
3	Basic ultrasound head-to-toe skills for intensivists in the general and neuro intensive care unit population: consensus and expert recommendations of the European Society of Intensive Care Medicine. <i>Intensive Care Medicine</i> , 2021, 47, 1347-1367.	8.2	83
4	Canadian Recommendations for Critical Care Ultrasound Training and Competency. <i>Canadian Respiratory Journal</i> , 2014, 21, 341-345.	1.6	72
5	Development of a fluid resuscitation protocol using inferior vena cava and lung ultrasound. <i>Journal of Critical Care</i> , 2016, 31, 96-100.	2.2	62
6	Focused transesophageal echocardiography for emergency physicians—description and results from simulation training of a structured four-view examination. <i>The Ultrasound Journal</i> , 2015, 7, 27.	2.0	57
7	Transesophageal Echocardiography: Guidelines for Point-of-Care Applications in Cardiac Arrest—Resuscitation. <i>Annals of Emergency Medicine</i> , 2018, 71, 201-207.	0.6	55
8	Development of a convolutional neural network to differentiate among the etiology of similar appearing pathological B lines on lung ultrasound: a deep learning study. <i>BMJ Open</i> , 2021, 11, e045120.	1.9	44
9	The Rapid Assessment of Competency in Echocardiography Scale. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 1457-1463.	1.7	38
10	Focused Transesophageal Echocardiography During Cardiac Arrest—Resuscitation. <i>Journal of the American College of Cardiology</i> , 2020, 76, 745-754.	2.8	35
11	The utility of remote supervision with feedback as a method to deliver high-volume critical care ultrasound training. <i>Journal of Critical Care</i> , 2015, 30, 441.e1-441.e6.	2.2	31
12	Critical Care Ultrasonography. <i>Emergency Medicine Clinics of North America</i> , 2014, 32, 907-926.	1.2	27
13	Critical Care Transesophageal Echocardiography in Patients during the COVID-19 Pandemic. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1040-1047.	2.8	27
14	Outcomes from extensive training in critical care echocardiography: Identifying the optimal number of practice studies required to achieve competency. <i>Journal of Critical Care</i> , 2017, 40, 99-102.	2.2	26
15	Impact of Critical Care Transesophageal Echocardiography in Medical—Surgical ICU Patients: Characteristics and Results From 274 Consecutive Examinations. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 896-902.	2.8	26
16	Diagnostic Accuracy of Critical Care Transesophageal Echocardiography vs Cardiology-Led Echocardiography in ICU—Patients. <i>Chest</i> , 2019, 155, 491-501.	0.8	24
17	Better With Ultrasound. <i>Chest</i> , 2020, 157, 142-150.	0.8	20
18	Expert Agreement in the Interpretation of Lung Ultrasound Studies Performed on Mechanically Ventilated Patients. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 2659-2665.	1.7	17

#	ARTICLE	IF	CITATIONS
19	Évaluation ciblée avec l'échographie en cas de traumatisme: révision des considérations et concepts pertinents à l'anesthésiologie. Canadian Journal of Anaesthesia, 2018, 65, 360-370.	1.6	17
20	Extracorporeal membrane oxygenation in the acute treatment of cardiovascular collapse immediately post-partum. Interactive Cardiovascular and Thoracic Surgery, 2013, 17, 898-899.	1.1	15
21	Critical care echocardiography: a certification pathway for advanced users. Canadian Journal of Anaesthesia, 2018, 65, 345-349.	1.6	15
22	Assessing Competence in Critical Care Echocardiography: Development and Initial Results of an Examination and Certification Processes*. Critical Care Medicine, 2021, 49, 1285-1292.	0.9	15
23	Stroke Volume Determination by Echocardiography. Chest, 2022, 161, 1598-1605.	0.8	15
24	The introduction of basic critical care echocardiography reduces the use of diagnostic echocardiography in the intensive care unit. Journal of Critical Care, 2015, 30, 1419.e7-1419.e11.	2.2	14
25	Better With Ultrasound. Chest, 2019, 155, 194-201.	0.8	14
26	Criteria, Processes, and Determination of Competence in Basic Critical Care Echocardiography Training. Chest, 2022, 161, 492-503.	0.8	14
27	Automation of Lung Ultrasound Interpretation via Deep Learning for the Classification of Normal versus Abnormal Lung Parenchyma: A Multicenter Study. Diagnostics, 2021, 11, 2049.	2.6	12
28	DIY AI, deep learning network development for automated image classification in a point-of-care ultrasound quality assurance program. Journal of the American College of Emergency Physicians Open, 2020, 1, 124-131.	0.7	10
29	Advanced Point-of-Care Cardiac Ultrasound Examination: Doppler Applications, Valvular Assessment, and Advanced Right Heart Examination. Global Heart, 2013, 8, 305.	2.3	8
30	An Elderly Woman That Presents With Absent Vital Signs. Chest, 2014, 146, e156-e159.	0.8	7
31	Bedside identification of blunt thoracic aortic injury with point-of-care transesophageal echocardiography. Trauma, 2016, 18, 287-290.	0.5	7
32	Creation and Testing of a Deep Learning Algorithm to Automatically Identify and Label Vessels, Nerves, Tendons, and Bones on Cross-sectional Point-of-Care Ultrasound Scans for Peripheral Intravenous Catheter Placement by Novices. Journal of Ultrasound in Medicine, 2020, 39, 1721-1727.	1.7	6
33	Acute allergic reaction due to the administration of fibrinolytic therapy for ST-segment elevation myocardial infarction: case report and discussion. Canadian Journal of Emergency Medicine, 2003, 5, 421-423.	1.1	3
34	Fellowship training in critical care ultrasound. Canadian Journal of Anaesthesia, 2018, 65, 847-849.	1.6	3
35	Transesophageal lung ultrasound in the intensive care unit. Canadian Journal of Anaesthesia, 2021, 68, 1268-1270.	1.6	3
36	Training strategies for point of care ultrasound in the ICU. Current Opinion in Anaesthesiology, 2021, 34, 654-658.	2.0	3

#	ARTICLE	IF	CITATIONS
37	Ten Influential Point-of-Care Ultrasound Papers: 2021 in Review. <i>Journal of Intensive Care Medicine</i> , 2022, 37, 1535-1539.	2.8	3
38	Critical care ultrasonography in shock management: the elephant in Canadian intensive care units. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1119-1123.	1.6	2
39	A Call for Point-of-Care Ultrasound Fellowship Training Programs for General Internal Medicine in Canada. <i>Canadian Journal of General Internal Medicine</i> , 2021, 16, 31-33.	0.2	2
40	A 48-Year-Old Man With Refractory Hypoxic Respiratory Failure. <i>Chest</i> , 2019, 156, e91-e94.	0.8	1
41	Sudden Hypotension in a Medical Patient. <i>Chest</i> , 2014, 146, e78-e80.	0.8	0
42	A Man in His 40s With Fever and Hypotension. <i>Chest</i> , 2014, 145, e17-e19.	0.8	0
43	Pneumocardium Captured on Bedside Transesophageal Echocardiography—An Unreported Complication of Needle Thoracostomy. <i>Journal of Medical Ultrasound</i> , 2016, 24, 159-161.	0.4	0
44	A Woman in Her 30s With Acute Refractory Hypoxemia and a History of Intravenous Drug Use. <i>Chest</i> , 2016, 150, e129-e131.	0.8	0