

Ewan C Goligher

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125
papers

5,495
citations

37
h-index

72
g-index

143
ext. papers

8,281
ext. citations

9.5
avg, IF

5.95
L-index

#	Paper	IF	Citations
125	An Official American Thoracic Society/European Society of Intensive Care Medicine/Society of Critical Care Medicine Clinical Practice Guideline: Mechanical Ventilation in Adult Patients with Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 127-132	10.2	674
124	Effect of Hydrocortisone on Mortality and Organ Support in Patients With Severe COVID-19: The REMAP-CAP COVID-19 Corticosteroid Domain Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 1317-1329	27.4	386
123	Evolution of Diaphragm Thickness during Mechanical Ventilation. Impact of Inspiratory Effort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 1080-8	10.2	263
122	Mechanical Ventilation-induced Diaphragm Atrophy Strongly Impacts Clinical Outcomes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 204-213	10.2	263
121	Esophageal and transpulmonary pressure in the clinical setting: meaning, usefulness and perspectives. <i>Intensive Care Medicine</i> , 2016, 42, 1360-73	14.5	234
120	Therapeutic Anticoagulation with Heparin in Critically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021, 385, 777-789	59.2	227
119	Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome and Posterior Probability of Mortality Benefit in a Post Hoc Bayesian Analysis of a Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 2251-2259	27.4	208
118	Therapeutic Anticoagulation with Heparin in Noncritically Ill Patients with Covid-19. <i>New England Journal of Medicine</i> , 2021, 385, 790-802	59.2	203
117	Measuring diaphragm thickness with ultrasound in mechanically ventilated patients: feasibility, reproducibility and validity. <i>Intensive Care Medicine</i> , 2015, 41, 642-9	14.5	176
116	Venovenous extracorporeal membrane oxygenation for acute respiratory distress syndrome: a systematic review and meta-analysis. <i>Lancet Respiratory Medicine</i> , 2019, 7, 163-172	35.1	163
115	Critical illness-associated diaphragm weakness. <i>Intensive Care Medicine</i> , 2017, 43, 1441-1452	14.5	127
114	Oxygenation response to positive end-expiratory pressure predicts mortality in acute respiratory distress syndrome. A secondary analysis of the LOVS and ExPress trials. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 70-6	10.2	124
113	Fifty Years of Research in ARDS. Setting Positive End-Expiratory Pressure in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1429-1438	10.2	101
112	Respiratory Drive in Critically Ill Patients. Pathophysiology and Clinical Implications. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 20-32	10.2	76
111	Diaphragmatic myotrauma: a mediator of prolonged ventilation and poor patient outcomes in acute respiratory failure. <i>Lancet Respiratory Medicine</i> , 2019, 7, 90-98	35.1	74
110	Clinical challenges in mechanical ventilation. <i>Lancet, The</i> , 2016, 387, 1856-66	40	71
109	Anticoagulant interventions in hospitalized patients with COVID-19: A scoping review of randomized controlled trials and call for international collaboration. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 2958-2967	15.4	69

108	Minimal clinically important difference for 7 measures of fatigue in patients with systemic lupus erythematosus. <i>Journal of Rheumatology</i> , 2008 , 35, 635-42	4.1	66
107	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	10.2	65
106	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	35.1	63
105	Lung- and Diaphragm-Protective Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 950-961	10.2	61
104	Inspiratory Muscle Rehabilitation in Critically Ill Adults. A Systematic Review and Meta-Analysis. <i>Annals of the American Thoracic Society</i> , 2018 , 15, 735-744	4.7	58
103	Lung Recruitment Maneuvers for Adult Patients with Acute Respiratory Distress Syndrome. A Systematic Review and Meta-Analysis. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S304-S311	4.7	57
102	Utility and safety of draining pleural effusions in mechanically ventilated patients: a systematic review and meta-analysis. <i>Critical Care</i> , 2011 , 15, R46	10.8	56
101	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	14.5	55
100	Respiratory muscle ultrasonography: methodology, basic and advanced principles and clinical applications in ICU and ED patients-a narrative review. <i>Intensive Care Medicine</i> , 2020 , 46, 594-605	14.5	53
99	Low Tidal Volume versus Non-Volume-Limited Strategies for Patients with Acute Respiratory Distress Syndrome. A Systematic Review and Meta-Analysis. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S271-S279	4.7	52
98	Not Just Oxygen? Mechanisms of Benefit from High-Flow Nasal Cannula in Hypoxemic Respiratory Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1128-1131	10.2	51
97	Mechanical Ventilation for Acute Respiratory Distress Syndrome during Extracorporeal Life Support. Research and Practice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 514-525	10.2	50
96	A Review of the Ultrasound Assessment of Diaphragmatic Function in Clinical Practice. <i>Respiration</i> , 2016 , 91, 403-11	3.7	49
95	A novel non-invasive method to detect excessively high respiratory effort and dynamic transpulmonary driving pressure during mechanical ventilation. <i>Critical Care</i> , 2019 , 23, 346	10.8	48
94	Clinical strategies for implementing lung and diaphragm-protective ventilation: avoiding insufficient and excessive effort. <i>Intensive Care Medicine</i> , 2020 , 46, 2314-2326	14.5	44
93	Diaphragm function and weaning from mechanical ventilation: an ultrasound and phrenic nerve stimulation clinical study. <i>Annals of Intensive Care</i> , 2018 , 8, 53	8.9	44
92	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	10.2	39
91	Spontaneous Breathing in Early Acute Respiratory Distress Syndrome: Insights From the Large Observational Study to UNderstand the Global Impact of Severe Acute Respiratory Failure Study. <i>Critical Care Medicine</i> , 2019 , 47, 229-238	1.4	38

90	Electrical impedance tomography in adult patients undergoing mechanical ventilation: A systematic review. <i>Journal of Critical Care</i> , 2016 , 35, 33-50	4	38
89	Personalized medicine for ARDS: the 2035 research agenda. <i>Intensive Care Medicine</i> , 2016 , 42, 756-767	14.5	37
88	Is my patient's respiratory drive (too) high?. <i>Intensive Care Medicine</i> , 2018 , 44, 1936-1939	14.5	36
87	Recruitment manoeuvres for adults with acute respiratory distress syndrome receiving mechanical ventilation. <i>The Cochrane Library</i> , 2016 , 11, CD006667	5.2	35
86	Applying Precision Medicine to Trial Design Using Physiology. Extracorporeal CO Removal for Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 558-568	10.2	35
85	Physiologic Responsiveness Should Guide Entry into Randomized Controlled Trials. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 1416-9	10.2	34
84	High-Frequency Oscillatory Ventilation in Adults With ARDS: Past, Present, and Future. <i>Chest</i> , 2017 , 152, 1306-1317	5.3	34
83	Effect of inspiratory synchronization during pressure-controlled ventilation on lung distension and inspiratory effort. <i>Annals of Intensive Care</i> , 2017 , 7, 100	8.9	33
82	Management of Acute Respiratory Distress Syndrome and Refractory Hypoxemia. A Multicenter Observational Study. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 1818-1826	4.7	33
81	Anti-Thrombotic Therapy to Ameliorate Complications of COVID-19 (ATTACC): Study design and methodology for an international, adaptive Bayesian randomized controlled trial. <i>Clinical Trials</i> , 2020 , 17, 491-500	2.2	33
80	Effect of Lowering Vt on Mortality in Acute Respiratory Distress Syndrome Varies with Respiratory System Elastance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 1378-1385	10.2	33
79	Diaphragm-protective mechanical ventilation. <i>Current Opinion in Critical Care</i> , 2019 , 25, 77-85	3.5	31
78	Usefulness of Parasternal Intercostal Muscle Ultrasound during Weaning from Mechanical Ventilation. <i>Anesthesiology</i> , 2020 , 132, 1114-1125	4.3	30
77	Ventilatory Variables and Mechanical Power in Patients with Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 303-311	10.2	30
76	Monitoring Patient Respiratory Effort During Mechanical Ventilation: Lung and Diaphragm-Protective Ventilation. <i>Critical Care</i> , 2020 , 24, 106	10.8	29
75	Mechanical Ventilation in Adults with Acute Respiratory Distress Syndrome. Summary of the Experimental Evidence for the Clinical Practice Guideline. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S261-S270	4.7	27
74	Physician-Assisted Suicide and Euthanasia in the ICU: A Dialogue on Core Ethical Issues. <i>Critical Care Medicine</i> , 2017 , 45, 149-155	1.4	26
73	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	10.4	21

72	Outcomes of Patients Presenting with Mild Acute Respiratory Distress Syndrome: Insights from the LUNG SAFE Study. <i>Anesthesiology</i> , 2019 , 130, 263-283	4.3	21
71	Lopinavir-ritonavir and hydroxychloroquine for critically ill patients with COVID-19: REMAP-CAP randomized controlled trial. <i>Intensive Care Medicine</i> , 2021 , 47, 867-886	14.5	20
70	Determinants of the effect of extracorporeal carbon dioxide removal in the SUPERNOVA trial: implications for trial design. <i>Intensive Care Medicine</i> , 2019 , 45, 1219-1230	14.5	19
69	Radiographic joint space width in the fingers of patients with rheumatoid arthritis of less than one year's duration. <i>Arthritis and Rheumatism</i> , 2006 , 54, 1440-3		19
68	Anticipating and managing coagulopathy and thrombotic manifestations of severe COVID-19. <i>Cmaj</i> , 2020 , 192, E1156-E1161	3.5	19
67	High-Frequency Oscillation for Adult Patients with Acute Respiratory Distress Syndrome. A Systematic Review and Meta-Analysis. <i>Annals of the American Thoracic Society</i> , 2017 , 14, S289-S296	4.7	18
66	Effect of P2Y12 Inhibitors on Survival Free of Organ Support Among Non-Critically Ill Hospitalized Patients With COVID-19: A Randomized Clinical Trial.. <i>JAMA - Journal of the American Medical Association</i> , 2022 , 327, 227-236	27.4	18
65	Core competency in mechanical ventilation: development of educational objectives using the Delphi technique. <i>Critical Care Medicine</i> , 2012 , 40, 2828-32	1.4	16
64	Mechanical ventilation: epidemiological insights into current practices. <i>Current Opinion in Critical Care</i> , 2009 , 15, 44-51	3.5	16
63	Lung- and Diaphragm-protective Ventilation in Acute Respiratory Distress Syndrome: Rationale and Challenges. <i>Anesthesiology</i> , 2019 , 130, 620-633	4.3	16
62	High-Flow Nasal Cannula Compared With Conventional Oxygen Therapy or Noninvasive Ventilation Immediately Postextubation: A Systematic Review and Meta-Analysis. <i>Critical Care Medicine</i> , 2020 , 48, e1129-e1136	1.4	14
61	Update in Mechanical Ventilation, Sedation, and Outcomes 2014. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 1367-73	10.2	12
60	Effect of Driving Pressure Change During Extracorporeal Membrane Oxygenation in Adults With Acute Respiratory Distress Syndrome: A Randomized Crossover Physiologic Study. <i>Critical Care Medicine</i> , 2020 , 48, 1771-1778	1.4	12
59	Avoiding Respiratory and Peripheral Muscle Injury During Mechanical Ventilation: Diaphragm-Protective Ventilation and Early Mobilization. <i>Critical Care Clinics</i> , 2018 , 34, 357-381	4.5	12
58	Assessing Diaphragmatic Function. <i>Respiratory Care</i> , 2020 , 65, 807-819	2.1	11
57	Acute lung injury during antithymocyte globulin therapy for aplastic anemia. <i>Canadian Respiratory Journal</i> , 2009 , 16, e3-5	2.1	11
56	High-Flow Nasal Cannula in the Immediate Postoperative Period: A Systematic Review and Meta-analysis. <i>Chest</i> , 2020 , 158, 1934-1946	5.3	10
55	Utility of draining pleural effusions in mechanically ventilated patients. <i>Current Opinion in Pulmonary Medicine</i> , 2012 , 18, 359-65	3	10

54	Deoxygenation of inspiratory muscles during cycling, hyperpnoea and loaded breathing in health and disease: a systematic review. <i>Clinical Physiology and Functional Imaging</i> , 2018 , 38, 554-565	2.4	9
53	Personalized Ventilation to Multiple Patients Using a Single Ventilator: Description and Proof of Concept 2020 , 2, e0118		9
52	Clinical trials in critical care: can a Bayesian approach enhance clinical and scientific decision making?. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 207-216	35.1	9
51	Computer-administered bath ankylosing spondylitis and Quebec Scale outcome questionnaires for low back pain: agreement with traditional paper format. <i>Journal of Rheumatology</i> , 2005 , 32, 669-72	4.1	9
50	Myotrauma in mechanically ventilated patients. <i>Intensive Care Medicine</i> , 2019 , 45, 881-884	14.5	8
49	Comparing the Effects of Tidal Volume, Driving Pressure, and Mechanical Power on Mortality in Trials of Lung-Protective Mechanical Ventilation. <i>Respiratory Care</i> , 2021 , 66, 221-227	2.1	8
48	Monitoring patient-ventilator interaction by an end-expiratory occlusion maneuver. <i>Intensive Care Medicine</i> , 2020 , 46, 2338-2341	14.5	7
47	Diaphragm echodensity in mechanically ventilated patients: a description of technique and outcomes. <i>Critical Care</i> , 2021 , 25, 64	10.8	7
46	Duration of diaphragmatic inactivity after endotracheal intubation of critically ill patients. <i>Critical Care</i> , 2021 , 25, 26	10.8	7
45	Optimal Ventilator Strategies in Acute Respiratory Distress Syndrome. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2019 , 40, 81-93	3.9	6
44	Neck and Inspiratory Muscle Recruitment during Inspiratory Loading and Neck Flexion. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1610-1616	1.2	6
43	Outcome Predictors of Stroke Mortality in the Neurocritical Care Unit. <i>Frontiers in Neurology</i> , 2020 , 11, 579733	4.1	6
42	Reverse Triggering Dyssynchrony 24 h after Initiation of Mechanical Ventilation. <i>Anesthesiology</i> , 2021 , 134, 760-769	4.3	6
41	Dyspnoea and respiratory muscle ultrasound to predict extubation failure. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	6
40	Response to Ventilator Adjustments for Predicting Acute Respiratory Distress Syndrome Mortality. Driving Pressure versus Oxygenation. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 857-864	4.7	6
39	Rethinking Inspiratory Pressure Augmentation in Spontaneous Breathing Trials. <i>Chest</i> , 2017 , 151, 1399-1400	14.0	5
38	Identifying Subjects at Risk for Diaphragm Atrophy During Mechanical Ventilation Using Routinely Available Clinical Data. <i>Respiratory Care</i> , 2021 , 66, 551-558	2.1	5
37	Helmet non-invasive ventilation compared to facemask non-invasive ventilation and high flow nasal cannula in acute respiratory failure: a systematic review and meta-analysis. <i>European Respiratory Journal</i> , 2021 ,	13.6	5

36	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	4.7	4
35	Different Definitions of Lung Recruitment by Computed Tomography Scan. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 1314-5	10.2	4
34	Complications of critical COVID-19: Diagnostic and therapeutic considerations for the mechanically ventilated patient. <i>Chest</i> , 2021 ,	5.3	4
33	Association of Mortality with Neuromuscular Blockade Differs according to Baseline Diaphragm Thickness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1717-1720	10.2	3
32	Abdominal Muscle Use During Spontaneous Breathing and Cough in Patients Who Are Mechanically Ventilated: A Bi-center Ultrasound Study. <i>Chest</i> , 2021 , 160, 1316-1325	5.3	3
31	Withholding or withdrawing life support versus physician-assisted death: a distinction with a difference?. <i>Current Opinion in Anaesthesiology</i> , 2019 , 32, 184-189	2.9	3
30	Association of PEEP and Lung Recruitment Selection Strategies with Mortality in Acute Respiratory Distress Syndrome: A Systematic Review and Network Meta-Analysis.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022 ,	10.2	3
29	EXpert consensus On Diaphragm UltraSonography in the critically ill (EXODUS): a Delphi consensus statement on the measurement of diaphragm ultrasound-derived parameters in a critical care setting.. <i>Critical Care</i> , 2022 , 26, 99	10.8	3
28	Re-evaluating high-frequency oscillation for ARDS: Would a targeted approach be successful?. <i>Critical Care</i> , 2013 , 17, 133	10.8	2
27	Helmet interface increases lung volumes at equivalent ventilator pressures compared to the face mask interface during non-invasive ventilation. <i>Critical Care</i> , 2020 , 24, 504	10.8	2
26	Why conscientious objection merits respect. <i>Cmaj</i> , 2016 , 188, 822-3	3.5	2
25	Association of Thoracic Computed Tomographic Measurements and Outcomes in Patients with Hematologic Malignancies Requiring Mechanical Ventilation. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 1219-1226	4.7	2
24	Six questions about physician-assisted death from a conscientious objector. <i>Linacre quarterly, The</i> , 2017 , 84, 105-107	0.4	1
23	Optimum positive end-expiratory pressure 40 years later. <i>Indian Journal of Critical Care Medicine</i> , 2014 , 18, 494-6	1.3	1
22	Migratory pulmonary infiltrates. Goodpasture syndrome. <i>Cmaj</i> , 2009 , 180, 75-7	3.5	1
21	Mechanical Ventilation in Adults with Acute Respiratory Distress Syndrome An Official Clinical Guideline of American Thoracic Society/European Society of Intensive Care Medicine/Society of Critical Care Medicine. <i>Pulmonologiya</i> , 2018 , 28, 399-410	0.8	1
20	What Can We Learn From Monitoring Diaphragm Activity in Infants?. <i>Pediatric Critical Care Medicine</i> , 2021 , 22, 1003-1005	3	1
19	Prefrontal cortex activation during incremental inspiratory loading in healthy participants. <i>Respiratory Physiology and Neurobiology</i> , 2021 , 296, 103827	2.8	1

18	Noninvasive respiratory support following extubation in critically ill adults: a systematic review and network meta-analysis. <i>Intensive Care Medicine</i> , 2021 , 1	14.5	1
17	Diaphragm function in acute respiratory failure and the potential role of phrenic nerve stimulation. <i>Current Opinion in Critical Care</i> , 2021 , 27, 282-289	3.5	1
16	Reply to Tobin. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 869-870	10.2	1
15	A physiology-based mathematical model for the selection of appropriate ventilator controls for lung and diaphragm protection. <i>Journal of Clinical Monitoring and Computing</i> , 2021 , 35, 363-378	2	1
14	Association of different positive end-expiratory pressure selection strategies with all-cause mortality in adult patients with acute respiratory distress syndrome. <i>Systematic Reviews</i> , 2021 , 10, 225	3	1
13	Visualizing Heterogeneous Pulmonary Ventilation. Respiratory Failure due to an Anterior Mediastinal Mass. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, e88-e89	10.2	0
12	Sustained Abdominal Exercises Affect Abdominal Muscle Activation and Maximal Expiratory Pressures Differently in Healthy Men and Women. <i>Cardiopulmonary Physical Therapy Journal</i> , 2021 , 32, 147-155	1	0
11	Validity of Empirical Estimates of the Ratio of Dead Space to Tidal Volume in ARDS. <i>Respiratory Care</i> , 2021 , 66, 559-565	2.1	0
10	How cutting-edge trial design can assess outcomes. <i>Current Opinion in Critical Care</i> , 2021 , 27, 520-526	3.5	0
9	The authors reply. <i>Critical Care Medicine</i> , 2017 , 45, e628-e629	1.4	
8	Post Hoc Bayesian Analyses-Reply. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 1632-1633	16.3	
7	Is diaphragmatic dysfunction a major problem following mechanical ventilation? 2020 , 82-89.e1		
6	Strategies to Adjust Positive End-Expiratory Pressure in Patients With ARDS. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 580-582	27.4	
5	Spontaneous Breathing Trials and Successful Extubation. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 1716-1717	27.4	
4	Year in review 2012: Critical Care--Respirology. <i>Critical Care</i> , 2013 , 17, 249	10.8	
3	Association between ROTEM Hypercoagulable Profile and Outcome in a Cohort of Severely Ill COVID-19 Patients Under Mechanical Ventilation. <i>Blood</i> , 2020 , 136, 12-13	2.2	
2	Reply to Morales-Quinteros et al.: Precision Medicine for Extracorporeal CO Removal for Acute Respiratory Distress Syndrome: CO Physiological Considerations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 1091-1092	10.2	
1	Diaphragm Ultrasound: Physiology and Applications 2021 , 521-532		

