

TOP ARTICLES FOR JANUARY: (Weblink and doi)

1. [Hospital Incidence and Outcomes of the Acute Respiratory Distress Syndrome Using the Kigali Modification of the Berlin Definition.](#) Riviello ED, Kiviri W, Twagirumugabe T, Mueller A, Banner-Goodspeed VM, Officer L, Novack V, Mutumwinka M, Talmor DS, Fowler RA. Am J Respir Crit Care Med. 2016 Jan 1;193(1):52-9. PMID: 26352116
doi: 10.1164/rccm.201503-0584OC.
2. [Randomized Trial of Communication Facilitators to Reduce Family Distress and Intensity of End-of-Life Care.](#) Curtis JR, Treece PD, Nielsen EL, Gold J, Ciechanowski PS, Shannon SE, Khandelwal N, Young JP, Engelberg RA. Am J Respir Crit Care Med. 2016 Jan 15;193(2):154-62. PMID: 26378963
doi: 10.1164/rccm.201505-0900OC.
3. [Conservative versus Liberal Oxygenation Targets for Mechanically Ventilated Patients. A Pilot Multicenter Randomized Controlled Trial.](#) Panwar R, Hardie M, Bellomo R, Barrot L, Eastwood GM, Young PJ, Capellier G, Harrigan PW, Bailey M; CLOSE Study Investigators and the ANZICS Clinical Trials Group. Am J Respir Crit Care Med. 2016 Jan 1;193(1):43-51. PMID: 26334785
doi: 10.1164/rccm.201505-1019OC.
4. [Electrical impedance tomography \(EIT\) for quantification of pulmonary edema in acute lung injury.](#) Trepte CJ, Phillips CR, Solà J, Adler A, Haas SA, Rapin M, Böhm SH, Reuter DA. Crit Care. 2016 Jan 22;20(1):18. PMID: 26796635
doi: 10.1186/s13054-015-1173-5.
5. [T cells from patients with Candida sepsis display a suppressive immunophenotype.](#) Spec A, Shindo Y, Burnham CA, Wilson S, Ablordeppey EA, Beiter ER, Chang K, Drewry AM, Hotchkiss RS Crit Care. 2016 Jan 20;20(1):15. PMID: 26786705
doi: 10.1186/s13054-016-1182-z.
6. [The leukocyte-stiffening property of plasma in early acute respiratory distress syndrome \(ARDS\) revealed by a microfluidic single-cell study: the role of cytokines and protection with antibodies.](#) Preira P, Forel JM, Robert P, Nègre P, Biarnes-Pelicot M, Xeridat F, Bongrand P, Papazian L, Theodoly O. Crit Care. 2016 Jan 12;20(1):8. PMID: 26757701
doi: 10.1186/s13054-015-1157-5.
7. [Rapid, comprehensive, and affordable mycobacterial diagnosis with whole-genome sequencing: a prospective study.](#) Pankhurst LJ, Del Ojo Elias C, Votintseva AA, Walker TM, Cole K, Davies J, Fermont JM, Gascoyne-Binzi DM, Kohl TA, Kong C, Lemaitre N, Niemann S, Paul J, Rogers TR, Roycroft E, Smith EG, Supply P, Tang P, Wilcox MH, Wordsworth S, Wyllie D, Xu L, Crook DW; COMPASS-TB Study

Group. *Lancet Respir Med*. 2016 Jan;4(1):49-58. Epub 2015 Dec 4.
doi: 10.1016/S2213-2600(15)00466-X.

8. [A randomised trial of hypertonic saline during hospitalisation for exacerbation of cystic fibrosis](#) Dentice RL, Elkins MR, Middleton PG, Bishop JR, Wark PA, Dorahy DJ, Harmer CJ, Hu H, Bye PT. *Thorax*. 2016 Feb;71(2):141-7. PMID: 26769016
doi: 10.1136/thoraxjnl-2014-206716.
9. [Validation of the DECAF score to predict hospital mortality in acute exacerbations of COPD](#). Echevarria C, Steer J, Heslop-Marshall K, Stenton SC, Hickey PM, Hughes R, Wijesinghe M, Harrison RN, Steen N, Simpson AJ, Gibson GJ, Bourke SC. *Thorax*. 2016 Feb;71(2):133-40. PMID: 26769015
doi: 10.1136/thoraxjnl-2015-207775.
10. [Effects of Nicotine Patch vs Varenicline vs Combination Nicotine Replacement Therapy on Smoking Cessation at 26 Weeks: A Randomized Clinical Trial](#). Baker TB, Piper ME, Stein JH, Smith SS, Bolt DM, Fraser DL, Fiore MC. *JAMA*. 2016 Jan 26;315(4):371-9. PMID: 26813210
doi: 10.1001/jama.2015.19284.
11. [Intensified Antituberculosis Therapy in Adults with Tuberculous Meningitis](#). Heemskerk AD, Bang ND, Mai NT, Chau TT, Phu NH, Loc PP, Chau NV, Hien TT, Dung NH, Lan NT, Lan NH, Lan NN, Phong le T, Vien NN, Hien NQ, Yen NT, Ha DT, Day JN, Caws M, Merson L, Thinh TT, Wolbers M, Thwaites GE, Farrar JJ. *N Engl J Med*. 2016 Jan 14;374(2):124-34.
doi: 10.1056/NEJMoa1507062.
12. [Effect of Opioids vs NSAIDs and Larger vs Smaller Chest Tube Size on Pain Control and Pleurodesis Efficacy Among Patients With Malignant Pleural Effusion: The TIME1 Randomized Clinical Trial](#). Rahman NM, Pepperell J, Rehal S, Saba T, Tang A, Ali N, West A, Hettiarachchi G, Mukherjee D, Samuel J, Bentley A, Dowson L, Miles J, Ryan CF, Yoneda KY, Chauhan A, Corcoran JP, Psallidas I, Wrightson JM, Hallifax R, Davies HE, Lee YC, Dobson M, Hedley EL, Seaton D, Russell N, Chapman M, McFadyen BM, Shaw RA, Davies RJ, Maskell NA, Nunn AJ, Miller RF. *JAMA*. 2015 Dec 22-29;314(24):2641-53. PMID: 26720026
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13. [Open Lung Approach for the Acute Respiratory Distress Syndrome: A Pilot, Randomized Controlled Trial](#). Kacmarek RM, Villar J, Sulemanji D, Montiel R, Ferrando C, Blanco J, Koh Y, Soler JA, Martínez D, Hernández M, Tucci M, Borges JB, Lubillo S, Santos A, Araujo JB, Amato MB, Suárez-Sipmann F; Open Lung Approach Network. *Crit Care Med*. 2016 Jan;44(1):32-42. PMID: 26672923
doi: 10.1097/CCM.0000000000001383.

14. [Timing of Intubation and Clinical Outcomes in Adults With Acute Respiratory Distress Syndrome.](#) Kangelaris KN, Ware LB, Wang CY, Janz DR, Zhuo H, Matthay MA, Calfee CS. Crit Care Med. 2016 Jan;44(1):120-9. PMID: 26474112
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15. [23.4% Saline Decreases Brain Tissue Volume in Severe Hepatic Encephalopathy as Assessed by a Quantitative CT Marker.](#) Liotta EM, Lizza BD, Romanova AL, Guth JC, Berman MD, Carroll TJ, Francis B, Ganger D, Ladner DP, Maas MB, Naidech AM. Crit Care Med. 2016 Jan;44(1):171-9. PMID: 26308431
doi: 10.1097/CCM.0000000000001276.
16. [Extracorporeal-Cardiopulmonary Resuscitation \(E-CPR\) During Pediatric In-Hospital Cardiopulmonary Arrest is Associated with Improved Survival to Discharge: A Report from the American Heart Association's Get With the Guidelines® - Resuscitation Registry \(GWTG-R\).](#) Lasa JJ, Rogers RS, Localio R, Shults J, Raymond T, Gaies M, Thiagarajan R, Laussen PC, Kilbaugh T, Berg RA, Nadkarni V, Topjian A. Circulation. 2015 Dec 3.[Epub ahead of print] PMID: 26635402
pii: CIRCULATIONAHA.115.016082.
17. [Risks of Death and Stroke in Patients Undergoing Hemodialysis With New-Onset Atrial Fibrillation: A Competing-Risk Analysis of a Nationwide Cohort.](#) Shih CJ, Ou SM, Chao PW, Kuo SC, Lee YJ, Yang CY, Tarng DC, Lin CC, Huang PH, Li SY, Chen YT. Circulation. 2016 Jan 19;133(3):265-72. Epub 2015 Dec 17. PMID: 26680239
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18. [Varenicline for Smoking Cessation in Hospitalized Patients With Acute Coronary Syndrome.](#) Eisenberg MJ, Windle SB, Roy N, Old W, Grondin FR, Bata I, Iskander A, Lauzon C, Srivastava N, Clarke A, Cassavar D, Dion D, Haught H, Mehta SR, Baril JF, Lambert C, Madan M, Abramson BL, Dehghani P; EVITA Investigators. Circulation. 2016 Jan 5;133(1):21-30. Epub 2015 Nov 9. PMID: 26553744
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19. [Acute respiratory distress syndrome mimickers lacking common risk factors of the Berlin definition.](#) Gibelin A, Parrot A, Maitre B, Brun-Buisson C, Mekontso Dessap A, Fartoukh M, de Prost N. Intensive Care Med. 2016 Feb;42(2):164-72. Epub 2015 Sep 25. PMID: 26408150
doi: 10.1007/s00134-015-4064-y.
20. [Fentanyl as pre-emptive treatment of pain associated with turning mechanically ventilated patients: a randomized controlled feasibility study.](#) Robleda G, Roche-Campo F, Sendra MÀ, Navarro M, Castillo A, Rodríguez-Arias A, Juanes-Borrego E, Gich I, Urrutia G, Nicolás-Arfelis JM, Puntillo K, Mancebo J, Baños JE. Intensive Care Med. 2016 Feb;42(2):183-91. PMID: 26556618
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21. [Can venous-to-arterial carbon dioxide differences reflect microcirculatory alterations in patients with septic shock?](#) Ospina-Tascón GA, Umaña M, Bermúdez WF, Bautista-Rincón DF, Valencia JD, Madriñán HJ, Hernandez G, Bruhn A, Arango-Dávila C, De Backer D. Intensive Care Med. 2016 Feb;42(2):211-21. Epub 2015 Nov 17. PMID: 26578172
doi: 10.1007/s00134-015-4133-2.
22. [Risk Stratification of Patients With Acute Symptomatic Pulmonary Embolism Based on Presence or Absence of Lower Extremity DVT: Systematic Review and Meta-analysis.](#) Becattini C, Cohen AT, Agnelli G, Howard L, Castejón B, Trujillo-Santos J, Monreal M, Perrier A, Yusen RD, Jiménez D. Chest. 2016 Jan;149(1):192-200. Epub 2016 Jan 6. PMID: 26204122
doi: 10.1378/chest.15-0808.
23. [Efficacy and Safety of Corticosteroids for Community-Acquired Pneumonia: A Systematic Review and Meta-Analysis.](#) Wan YD, Sun TW, Liu ZQ, Zhang SG, Wang LX, Kan QC. Chest. 2016 Jan;149(1):209-19. Epub 2016 Jan 6. PMID: 26501852
doi: 10.1378/chest.15-1733.
24. [Quantitative CT Scanning Analysis of Pure Ground-Glass Opacity Nodules Predicts Further CT Scanning Change.](#) Bak SH, Lee HY, Kim JH, Um SW, Kwon OJ, Han J, Kim HK, Kim J, Lee KS. Chest. 2016 Jan;149(1):180-91. Epub 2016 Jan 6. PMID: 26313232
doi: 10.1378/chest.15-0034.
25. [Multicenter validation of the Quality of Trauma Care Patient-Reported Experience Measure \(QTAC-PREM\).](#) Bobrovitz N, Santana MJ, Kline T, Kortbeek J, Widder S, Martin K, Stelfox HT. J Trauma Acute Care Surg. 2016 Jan;80(1):111-8. PMID: 26683397
doi: 10.1097/TA.0000000000000879.
26. [Presence of a dedicated trauma center physiatrist improves functional outcomes following traumatic brain injury.](#) Greiss C, Yonclas PP, Jasey N, Lequerica A, Ward I, Chiaravalloti N, Felix G, Dabaghian L, Livingston DH. J Trauma Acute Care Surg. 2016 Jan;80(1):70-5. PMID: 26491804
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