

Rebecca M Baron

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,303
citations

147566

31
h-index

123241

61
g-index

72
all docs

72
docs citations

72
times ranked

8830
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammasome activation in neutrophils of patients with severe COVID-19. <i>Blood Advances</i> , 2022, 6, 2001-2013.	2.5	59
2	A targetable "rogue"™ neutrophil-subset, [CD11b+DEspR+] immunotype, is associated with severity and mortality in acute respiratory distress syndrome (ARDS) and COVID-19-ARDS. <i>Scientific Reports</i> , 2022, 12, 5583.	1.6	9
3	Surfactant Protein D Influences Mortality During Abdominal Sepsis by Facilitating <i>Escherichia coli</i> Colonization in the Gut. , 2022, 4, e0699.		3
4	Endotoxemia Accelerates Atherosclerosis Through Electrostatic Charge-Mediated Monocyte Adhesion. <i>Circulation</i> , 2021, 143, 254-266.	1.6	266
5	COVID-19-induced endotheliitis: emerging evidence and possible therapeutic strategies. <i>British Journal of Haematology</i> , 2021, 193, 43-51.	1.2	49
6	Attributable mortality of acute respiratory distress syndrome: a systematic review, meta-analysis and survival analysis using targeted minimum loss-based estimation. <i>Thorax</i> , 2021, 76, 1176-1185.	2.7	16
7	Plasma from patients with bacterial sepsis or severe COVID-19 induces suppressive myeloid cell production from hematopoietic progenitors in vitro. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	64
8	Defibrotide: potential for treating endothelial dysfunction related to viral and post-infectious syndromes. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 423-433.	1.5	6
9	Intermediate versus standard dose heparin prophylaxis in COVID-19 ICU patients: A propensity score-matched analysis. <i>Thrombosis Research</i> , 2021, 203, 57-60.	0.8	8
10	Empirical Assessment of U.S. Coronavirus Disease 2019 Crisis Standards of Care Guidelines. , 2021, 3, e0496.		2
11	Initial antimicrobial management of sepsis. <i>Critical Care</i> , 2021, 25, 307.	2.5	58
12	Dynamic Monitoring of Systemic Biomarkers with Gastric Sensors. <i>Advanced Science</i> , 2021, 8, e2102861.	5.6	5
13	A woman presenting with an unusual cause of fulminant liver failure and sepsis. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2021, 46, 101836.	0.7	1
14	VTE in ICU Patients With COVID-19. <i>Chest</i> , 2020, 158, 2130-2135.	0.4	76
15	SARS-CoV-2 viral load is associated with increased disease severity and mortality. <i>Nature Communications</i> , 2020, 11, 5493.	5.8	702
16	Increased Odds of Death for Patients with Interstitial Lung Disease and COVID-19: A Case-Control Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1710-1713.	2.5	108
17	A rapidly deployable individualized system for augmenting ventilator capacity. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	23
18	Monitoring Research Blood Sampling in Critically Ill Patients: Avoiding Iatrogenic Anemia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 885-887.	2.5	3

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19	An immune-cell signature of bacterial sepsis. <i>Nature Medicine</i> , 2020, 26, 333-340.	15.2	261
20	Gender Differences in Authorship of Critical Care Literature. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 840-847.	2.5	44
21	Soluble Urokinase Receptor and Acute Kidney Injury. <i>New England Journal of Medicine</i> , 2020, 382, 416-426.	13.9	149
22	Post-sepsis immunosuppression depends on NKT cell regulation of mTOR/IFN- γ in NK cells. <i>Journal of Clinical Investigation</i> , 2020, 130, 3238-3252.	3.9	52
23	Defibrotide for the Treatment of Endotheliitis Complicating Sars-Cov-2 Infection: Rationale and Ongoing Studies As Part of the International Defacovid Study Group. <i>Blood</i> , 2020, 136, 6-8.	0.6	1
24	A current appraisal of evidence for the approach to sepsis and septic shock. <i>Therapeutic Advances in Infectious Disease</i> , 2019, 6, 204993611985651.	1.1	5
25	Semi-quantitative visual assessment of chest radiography is associated with clinical outcomes in critically ill patients. <i>Respiratory Research</i> , 2019, 20, 218.	1.4	12
26	1830. Single-cell Transcriptional Profiling Reveals an Immune Cell State Signature of Bacterial Sepsis. <i>Open Forum Infectious Diseases</i> , 2019, 6, S42-S42.	0.4	1
27	Whole blood RNA sequencing reveals a unique transcriptomic profile in patients with ARDS following hematopoietic stem cell transplantation. <i>Respiratory Research</i> , 2019, 20, 15.	1.4	16
28	Integrating molecular pathogenesis and clinical translation in sepsis-induced acute respiratory distress syndrome. <i>JCI Insight</i> , 2019, 4, .	2.3	122
29	Uric Acid and Acute Kidney Injury in the Critically Ill. <i>Kidney Medicine</i> , 2019, 1, 21-30.	1.0	6
30	Association of Elevated Plasma Interleukin-18 Level With Increased Mortality in a Clinical Trial of Statin Treatment for Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2019, 47, 1089-1096.	0.4	70
31	Circulating cell death biomarker TRAIL is associated with increased organ dysfunction in sepsis. <i>JCI Insight</i> , 2019, 4, .	2.3	38
32	Phospholipase D isoforms differentially regulate leukocyte responses to acute lung injury. <i>Journal of Leukocyte Biology</i> , 2018, 103, 919-932.	1.5	24
33	Plasma mitochondrial DNA and metabolomic alterations in severe critical illness. <i>Critical Care</i> , 2018, 22, 360.	2.5	31
34	Deterioration of Regional Lung Strain and Inflammation during Early Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 891-902.	2.5	55
35	<i>MUC5B</i> Promoter Polymorphism and Development of Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1342-1345.	2.5	9
36	Trends in β -lactam use for septic shock. <i>Infection Control and Hospital Epidemiology</i> , 2018, 39, 1125-1126.	1.0	5

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37	A phase I trial of low-dose inhaled carbon monoxide in sepsis-induced ARDS. JCI Insight, 2018, 3, .	2.3	78
38	Training the physician-scientist: views from program directors and aspiring young investigators. JCI Insight, 2018, 3, .	2.3	32
39	RIPK3 mediates pathogenesis of experimental ventilator-induced lung injury. JCI Insight, 2018, 3, .	2.3	57
40	Circulating RIPK3 levels are associated with mortality and organ failure during critical illness. JCI Insight, 2018, 3, .	2.3	32
41	Interstitial Lung Abnormalities Are Associated with Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 138-141.	2.5	44
42	Ventilator-induced lung injury increases expression of endothelial inflammatory mediators in the kidney. American Journal of Physiology - Renal Physiology, 2017, 312, F654-F660.	1.3	42
43	Hypoxia decreases creatine uptake in cardiomyocytes, while creatine supplementation enhances HIF activation. Physiological Reports, 2017, 5, e13382.	0.7	16
44	Metabolites Associated With Malnutrition in the Intensive Care Unit Are Also Associated With 28â€­Day Mortality. Journal of Parenteral and Enteral Nutrition, 2017, 41, 188-197.	1.3	26
45	Plasma surfactant protein-D as a diagnostic biomarker for acute respiratory distress syndrome: validation in US and Korean cohorts. BMC Pulmonary Medicine, 2017, 17, 204.	0.8	45
46	Metabolome alterations in severe critical illness and vitamin D status. Critical Care, 2017, 21, 193.	2.5	40
47	Zinc deficiency primes the lung for ventilator-induced injury. JCI Insight, 2017, 2, .	2.3	48
48	Magnetic resonance imaging provides sensitive in vivo assessment of experimental ventilator-induced lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L208-L218.	1.3	16
49	Monitoring sepsis using electrical cell profiling. Lab on A Chip, 2016, 16, 4333-4340.	3.1	35
50	The relationship between RUVBL1 (Pontin, TIP49, NMP238) and BCL6 in benign and malignant human lymphoid tissues. Biochemistry and Biophysics Reports, 2016, 6, 1-8.	0.7	8
51	Time-Limited Trials of Intensive Care for Critically Ill Patients With Cancer. JAMA Oncology, 2016, 2, 76.	3.4	83
52	Recent advances in understanding and treating ARDS. F1000Research, 2016, 5, 725.	0.8	31
53	NOS-2 Inhibition in Phosgene-Induced Acute Lung Injury. Toxicological Sciences, 2015, 146, 89-100.	1.4	28
54	The ITM2B (BRI2) gene is a target of BCL6 repression: Implications for lymphomas and neurodegenerative diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 742-748.	1.8	9

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55	Effects of inhaled CO administration on acute lung injury in baboons with pneumococcal pneumonia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L834-L846.	1.3	31
56	Repression of the Pontin (RUVBL1, TIP49) Gene By BCL6: Implications for the Pathogenesis of Human B and T Cell Lymphomas. Blood, 2015, 126, 4821-4821.	0.6	0
57	Folliculin regulates cell-cell adhesion, AMPK, and mTORC1 in a cell-type-specific manner in lung-derived cells. Physiological Reports, 2014, 2, e12107.	0.7	53
58	Metabolomic Derangements Are Associated with Mortality in Critically Ill Adult Patients. PLoS ONE, 2014, 9, e87538.	1.1	127
59	Circulating Mitochondrial DNA in Patients in the ICU as a Marker of Mortality: Derivation and Validation. PLoS Medicine, 2013, 10, e1001577.	3.9	354
60	Pulmonary Clinicopathological Correlation In Long Term Survivors Following Allogeneic Hematopoietic Stem Cell Transplantation: An Autopsy Series. Blood, 2013, 122, 2070-2070.	0.6	1
61	Genetically manipulated mouse models of lung disease: potential and pitfalls. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L485-L497.	1.3	54
62	Point: Should Coagulopathy Be Repaired Prior to Central Venous Line Insertion? Yes. Chest, 2012, 141, 1139-1142.	0.4	9
63	Inflammasome-regulated Cytokines Are Critical Mediators of Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 1225-1234.	2.5	469
64	Distamycin A Inhibits HMGA1-Binding to the P-Selectin Promoter and Attenuates Lung and Liver Inflammation during Murine Endotoxemia. PLoS ONE, 2010, 5, e10656.	1.1	23
65	Pathobiology of Sepsis. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 129-134.	1.4	36
66	Reduction of Nitric Oxide Synthase 2 Expression by Distamycin A Improves Survival from Endotoxemia. Journal of Immunology, 2004, 173, 4147-4153.	0.4	28
67	Nitric oxide synthase α 2 down α regulates surfactant protein α B expression and enhances endotoxin α induced lung injury in mice. FASEB Journal, 2004, 18, 1276-1278.	0.2	32
68	DNA Sequence Variants in Epithelium-Specific ETS-2 and ETS-3 Are Not Associated with Asthma. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 927-932.	2.5	23
69	Deep venous thrombosis: early discharge strategies and outpatient management. , 1999, 7, 113-122.		13
70	Deep Venous Thrombosis: Early Discharge Strategies and Outpatient Management. , 1997, 4, 365-374.		1