Brendon P Scicluna

List of Publications by Year
in descending order

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118	7,004	101543	64796
papers	citations	36 h-index	79 g-index

125	125	125	10483
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bacterial and Viral Respiratory Tract Microbiota and Host Characteristics in Adults With Lower Respiratory Tract Infections: A Case-Control Study. Clinical Infectious Diseases, 2022, 74, 776-784.	5.8	14
2	Blood leukocyte transcriptomes in Gram-positive and Gram-negative community-acquired pneumonia. European Respiratory Journal, 2022, 59, 2101856.	6.7	3
3	Distinct DNA Methylation Patterns of Subependymal Giant Cell Astrocytomas in Tuberous Sclerosis Complex. Cellular and Molecular Neurobiology, 2022, 42, 2863-2892.	3.3	1
4	Etiology of Myocardial Injury in Critically Ill Patients with Sepsis: A Cohort Study. Annals of the American Thoracic Society, 2022, 19, 773-780.	3.2	5
5	Association of Hyperferritinemia With Distinct Host Response Aberrations in Patients With Community-Acquired Pneumonia. Journal of Infectious Diseases, 2022, 225, 2023-2032.	4.0	5
6	Source-specific host response and outcomes in critically ill patients with sepsis: a prospective cohort study. Intensive Care Medicine, 2022, 48, 92-102.	8.2	35
7	DNA Methyltransferase 3b in Myeloid Cells Does Not Affect the Acute Immune Response in the Airways during Pseudomonas Pneumonia. Cells, 2022, 11, 787.	4.1	1
8	Resolving patient heterogeneity in critical illness requires multi-scale approaches. EBioMedicine, 2022, 77, 103918.	6.1	1
9	Patients with hypothermic sepsis have a unique gene expression profile compared to patients with fever and sepsis. Journal of Cellular and Molecular Medicine, 2022, 26, 1896-1904.	3.6	1
10	Myeloid cell tet methylcytosine dioxygenase 2 does not affect the host response during gram-negative bacterial pneumonia and sepsis. Cytokine, 2022, 154, 155876.	3.2	0
11	Role of Myeloid Tet Methylcytosine Dioxygenase 2 in Pulmonary and Peritoneal Inflammation Induced by Lipopolysaccharide and Peritonitis Induced by Escherichia coli. Cells, 2022, 11, 82.	4.1	6
12	The host response in different aetiologies of community-acquired pneumonia. EBioMedicine, 2022, 81, 104082.	6.1	10
13	Myeloid DNA methyltransferase3b deficiency aggravates pulmonary fibrosis by enhancing profibrotic macrophage activation. Respiratory Research, 2022, 23, .	3.6	6
14	Effect of intravenous clarithromycin in patients with sepsis, respiratory and multiple organ dysfunction syndrome: a randomized clinical trial. Critical Care, 2022, 26, .	5.8	14
15	Steroid-resistant human inflammatory ILC2s are marked by CD45RO and elevated in type 2 respiratory diseases. Science Immunology, 2021, 6, .	11.9	65
16	Adherence Affects Monocyte Innate Immune Function and Metabolic Reprogramming after Lipopolysaccharide Stimulation In Vitro. Journal of Immunology, 2021, 206, 827-838.	0.8	15
17	Consumptive coagulopathy is associated with a disturbed host response in patients with sepsis. Journal of Thrombosis and Haemostasis, 2021, 19, 1049-1063.	3.8	10
18	Sepsis Subclasses: A Framework for Development and Interpretation*. Critical Care Medicine, 2021, 49, 748-759.	0.9	81

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19	Tenascin-C Deficiency Is Associated With Reduced Bacterial Outgrowth During Klebsiella pneumoniae-Evoked Pneumosepsis in Mice. Frontiers in Immunology, 2021, 12, 600979.	4.8	10
20	Bronchial epithelial DNA methyltransferase 3b dampens pulmonary immune responses during Pseudomonas aeruginosa infection. PLoS Pathogens, 2021, 17, e1009491.	4.7	10
21	Alveolar epithelial TET2 is not involved in the development of bleomycinâ€induced pulmonary fibrosis. FASEB Journal, 2021, 35, e21599.	0.5	1
22	Flagellin induces innate immune genes in bronchial epithelial cells in vivo: Role of TET2. Scandinavian Journal of Immunology, 2021, 94, e13046.	2.7	3
23	Proteaseâ€activated receptor 1 drives and maintains ductal cell fates in the premalignant pancreas and ductal adenocarcinoma. Molecular Oncology, 2021, 15, 3091-3108.	4.6	2
24	Plasma Ferritin as Marker of Macrophage Activation-Like Syndrome in Critically Ill Patients With Community-Acquired Pneumonia. Critical Care Medicine, 2021, 49, 1901-1911.	0.9	7
25	Apc-mutant cells act as supercompetitors in intestinal tumour initiation. Nature, 2021, 594, 436-441.	27.8	108
26	Biological Subphenotypes of Acute Respiratory Distress Syndrome Show Prognostic Enrichment in Mechanically Ventilated Patients without Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1503-1511.	5.6	43
27	The circulatory small nonâ€coding RNA landscape in communityâ€acquired pneumonia on intensive care unit admission. Journal of Cellular and Molecular Medicine, 2021, 25, 7621-7630.	3.6	3
28	The Role of Host Cell DNA Methylation in the Immune Response to Bacterial Infection. Frontiers in Immunology, 2021, 12, 696280.	4.8	28
29	An epigenetic and transcriptomic signature of immune tolerance in human monocytes through multi-omics integration. Genome Medicine, 2021, 13, 131.	8.2	15
30	Integrated single-cell analysis unveils diverging immune features of COVID-19, influenza, and other community-acquired pneumonia. ELife, 2021, 10, .	6.0	12
31	Rectal bacteriome and virome signatures and clinical outcomes in community-acquired pneumonia: An exploratory study. EClinicalMedicine, 2021, 39, 101074.	7.1	5
32	Tenascin C Has a Modest Protective Effect on Acute Lung Pathology during Methicillin-Resistant Staphylococcus aureus-Induced Pneumonia in Mice. Microbiology Spectrum, 2021, 9, e0020721.	3.0	8
33	Association between delay in intensive care unit admission and the host response in patients with community-acquired pneumonia. Annals of Intensive Care, 2021, 11, 142.	4.6	7
34	Combined Transcriptome and Proteome Leukocyteâ€™s Profiling Reveals Up-Regulated Module of Genes/Proteins Related to Low Density Neutrophils and Impaired Transcription and Translation Processes in Clinical Sepsis. Frontiers in Immunology, 2021, 12, 744799.	4.8	15
35	Transcriptional changes in alveolar macrophages from adults with asthma after allergen challenge. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2218-2222.	5.7	4
36	HIVEP1 Is a Negative Regulator of NF-ÎºB That Inhibits Systemic Inflammation in Sepsis. Frontiers in Immunology, 2021, 12, 744358.	4.8	5

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37	Prekallikrein inhibits innate immune signaling in the lung and impairs host defense during pneumosepsis in mice. Journal of Pathology, 2020, 250, 95-106.	4.5	10
38	The coding and non-coding transcriptional landscape of subependymal giant cell astrocytomas. Brain, 2020, 143, 131-149.	7.6	24
39	The circular RNA landscape in specific peripheral blood mononuclear cells of critically ill patients with sepsis. Critical Care, 2020, 24, 423.	5.8	11
40	Bronchial Epithelial Tet2 Maintains Epithelial Integrity during Acute Pseudomonas aeruginosa Pneumonia. Infection and Immunity, 2020, 89, .	2.2	13
41	Dysregulation of the MMP/TIMP Proteolytic System in Subependymal Giant Cell Astrocytomas in Patients With Tuberous Sclerosis Complex: Modulation of MMP by MicroRNA-320d In Vitro. Journal of Neuropathology and Experimental Neurology, 2020, 79, 777-790.	1.7	12
42	Concurrent Immune Suppression and Hyperinflammation in Patients With Community-Acquired Pneumonia. Frontiers in Immunology, 2020, 11, 796.	4.8	21
43	Mortality and host response aberrations associated with transient and persistent acute kidney injury in critically ill patients with sepsis: a prospective cohort study. Intensive Care Medicine, 2020, 46, 1576-1589.	8.2	30
44	Elevated trefoil factor 3 plasma levels in critically ill patients with abdominal sepsis or non-infectious abdominal illness. Cytokine, 2020, 133, 155181.	3.2	4
45	The leukocyte non-coding RNA landscape in critically ill patients with sepsis. ELife, 2020, 9, .	6.0	36
46	Genetic signature related to heme-hemoglobin metabolism pathway in sepsis secondary to pneumonia. Npj Systems Biology and Applications, 2019, 5, 26.	3.0	18
47	Leukocyte transcriptional signatures dependent on LPS dosage in human endotoxemia. Journal of Leukocyte Biology, 2019, 106, 1153-1160.	3.3	15
48	A pilot study of a novel molecular host response assay to diagnose infection in patients after high-risk gastro-intestinal surgery. Journal of Critical Care, 2019, 54, 83-87.	2.2	3
49	Age-dependent differences in pulmonary host responses in ARDS: a prospective observational cohort study. Annals of Intensive Care, 2019, 9, 55.	4.6	92
50	Role of tissue factor in the procoagulant and antibacterial effects of human adipose-derived mesenchymal stem cells during pneumosepsis in mice. Stem Cell Research and Therapy, 2019, 10, 286.	5.5	16
51	Matrix metalloproteinase-8: a useful biomarker to refine the diagnosis of community-acquired pneumonia upon intensive care unit admission?. Critical Care, 2019, 23, 226.	5.8	4
52	Human Adipose-Derived Mesenchymal Stem Cells Modify Lung Immunity and Improve Antibacterial Defense in Pneumosepsis Caused by Klebsiella pneumoniae. Stem Cells Translational Medicine, 2019, 8, 785-796.	3.3	30
53	Understanding Heterogeneity in Biologic Phenotypes of Acute Respiratory Distress Syndrome by Leukocyte Expression Profiles. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 42-50.	5.6	89
54	Myocardial Injury in Critically Ill Patients with Community-acquired Pneumonia. A Cohort Study. Annals of the American Thoracic Society, 2019, 16, 606-612.	3.2	40

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55	The Search for Efficacious New Therapies in Sepsis Needs to Embrace Heterogeneity. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 936-938.	5.6	17
56	Kinase activity is impaired in neutrophils of sepsis patients. Haematologica, 2019, 104, e233-e235.	3.5	10
57	The Itaconate Pathway Is a Central Regulatory Node Linking Innate Immune Tolerance and Trained Immunity. Cell Metabolism, 2019, 29, 211-220.e5.	16.2	232
58	Estimated dead space fraction and the ventilatory ratio are associated with mortality in early ARDS. Annals of Intensive Care, 2019, 9, 128.	4.6	52
59	Validation of a Novel Molecular Host Response Assay to Diagnose Infection in Hospitalized Patients Admitted to the ICU With Acute Respiratory Failure. Critical Care Medicine, 2018, 46, 368-374.	0.9	11
60	Validation of a Host Response Assay, SeptiCyte LAB, for Discriminating Sepsis from Systemic Inflammatory Response Syndrome in the ICU. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 903-913.	5.6	87
61	Are histones real pathogenic agents in sepsis?. Nature Reviews Immunology, 2018, 18, 148-148.	22.7	1
62	Biomarkers in Sepsis. Critical Care Clinics, 2018, 34, 139-152.	2.6	123
63	Molecular Biomarker to Assist in Diagnosing Abdominal Sepsis upon ICU Admission. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1070-1073.	5.6	23
64	The Adhesion G Protein-Coupled Receptor GPR97/ADGRG3 Is Expressed in Human Granulocytes and Triggers Antimicrobial Effector Functions. Frontiers in Immunology, 2018, 9, 2830.	4.8	27
65	Classification of patients with septic shock: Are we there yet?. Journal of Critical Care, 2018, 47, 320-321.	2.2	1
66	Intravenous Infusion of Human Adipose Mesenchymal Stem Cells Modifies the Host Response to Lipopolysaccharide in Humans: A Randomized, Single-Blind, Parallel Group, Placebo Controlled Trial. Stem Cells, 2018, 36, 1778-1788.	3.2	70
67	The host response in critically ill sepsis patients on statin therapy: a prospective observational study. Annals of Intensive Care, 2018, 8, 9.	4.6	8
68	Iron metabolism in critically ill patients developing anemia of inflammation: a case control study. Annals of Intensive Care, 2018, 8, 56.	4.6	20
69	The Host Response in Patients with Sepsis Developing Intensive Care Unitâ€“acquired Secondary Infections. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 458-470.	5.6	61
70	The immunopathology of sepsis and potential therapeutic targets. Nature Reviews Immunology, 2017, 17, 407-420.	22.7	1,183
71	Sepsis Patients Display a Reduced Capacity to Activate Nuclear Factor-ÎºB in Multiple Cell Types*. Critical Care Medicine, 2017, 45, e524-e531.	0.9	30
72	Increased Early Systemic Inflammation in ICU-Acquired Weakness; A Prospective Observational Cohort Study*. Critical Care Medicine, 2017, 45, 972-979.	0.9	50

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73	Turning a New Page in Sepsis Molecular Diagnostics Necessitates Context-Specific Biomarkers. Critical Care Medicine, 2017, 45, e457.	0.9	3
74	Prior Use of Calcium Channel Blockers Is Associated With Decreased Mortality in Critically Ill Patients With Sepsis: A Prospective Observational Study. Critical Care Medicine, 2017, 45, 454-463.	0.9	23
75	Coding and small non-coding transcriptional landscape of tuberous sclerosis complex cortical tubers: implications for pathophysiology and treatment. Scientific Reports, 2017, 7, 8089.	3.3	47
76	Classification of patients with sepsis according to blood genomic endotype: a prospective cohort study. Lancet Respiratory Medicine,the, 2017, 5, 816-826.	10.7	381
77	Association of Gender With Outcome and Host Response in Critically Ill Sepsis Patients*. Critical Care Medicine, 2017, 45, 1854-1862.	0.9	36
78	Risk stratification using SpO2/FiO2 and PEEP at initial ARDS diagnosis and after 24Âh in patients with moderate or severe ARDS. Annals of Intensive Care, 2017, 7, 108.	4.6	28
79	The gut microbiota as a modulator of innate immunity during melioidosis. PLoS Neglected Tropical Diseases, 2017, 11, e0005548.	3.0	36
80	Thrombocytopenia is associated with a dysregulated host response in critically ill sepsis patients. Blood, 2016, 127, 3062-3072.	1.4	224
81	Association of diabetes and diabetes treatment with the host response in critically ill sepsis patients. Critical Care, 2016, 20, 252.	5.8	36
82	Impact of HIV infection on the presentation, outcome and host response in patients admitted to the intensive care unit with sepsis; a case control study. Critical Care, 2016, 20, 322.	5.8	15
83	Risk factors, host response and outcome of hypothermic sepsis. Critical Care, 2016, 20, 328.	5.8	46
84	Sepsis 2016 Paris. Critical Care, 2016, 20, .	5.8	0
85	Comparative Analysis of the Host Response to Community-acquired and Hospital-acquired Pneumonia in Critically Ill Patients. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1366-1374.	5.6	48
86	Reply:FAIM3:PLAC8Ratio Compared with Existing Biomarkers for Diagnosis of Severe Community-acquired Pneumonia: Comparing Apples to Oranges?. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 102-103.	5.6	1
87	Admission Hyperglycemia in Critically Ill Sepsis Patients: Association With Outcome and Host Response*. Critical Care Medicine, 2016, 44, 1338-1346.	0.9	90
88	Incidence, Risk Factors, and Attributable Mortality of Secondary Infections in the Intensive Care Unit After Admission for Sepsis. JAMA - Journal of the American Medical Association, 2016, 315, 1469.	7.4	367
89	Broad defects in the energy metabolism of leukocytes underlie immunoparalysis in sepsis. Nature Immunology, 2016, 17, 406-413.	14.5	437
90	The gut microbiota plays a protective role in the host defence against pneumococcal pneumonia. Gut, 2016, 65, 575-583.	12.1	601

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91	The Impact of HIV Co-Infection on the Genomic Response to Sepsis. PLoS ONE, 2016, 11, e0148955.	2.5	9
92	Chemokine ligand 9 modulates cardiac repolarization via Cxcr3 receptor binding. International Journal of Cardiology, 2015, 201, 49-52.	1.7	2
93	Plasma fractalkine is a sustained marker of disease severity and outcome in sepsis patients. Critical Care, 2015, 19, 412.	5.8	24
94	Reply: Comprehensive Validation of the FAIM3:PLAC8 Ratio in Time-matched Public Gene Expression Data. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1261-1262.	5.6	1
95	Reduced Responsiveness of Blood Leukocytes to Lipopolysaccharide Does not Predict Nosocomial Infections in Critically Ill Patients. Shock, 2015, 44, 110-114.	2.1	16
96	Modular Transcriptional Networks of the Host Pulmonary Response during Early and Late Pneumococcal Pneumonia. Molecular Medicine, 2015, 21, 430-441.	4.4	12
97	A Molecular Host Response Assay to Discriminate Between Sepsis and Infection-Negative Systemic Inflammation in Critically Ill Patients: Discovery and Validation in Independent Cohorts. PLoS Medicine, 2015, 12, e1001916.	8.4	163
98	The Selective Sirtuin 1 Activator SRT2104 Reduces Endotoxin-Induced Cytokine Release and Coagulation Activation in Humans*. Critical Care Medicine, 2015, 43, e199-e202.	0.9	49
99	A Molecular Biomarker to Diagnose Community-acquired Pneumonia on Intensive Care Unit Admission. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 826-835.	5.6	171
100	IFN-Î³ Priming of Macrophages Represses a Part of the Inflammatory Program and Attenuates Neutrophil Recruitment. Journal of Immunology, 2015, 194, 3909-3916.	0.8	56
101	Integrative Genomic Approach Identifies Multiple Genes Involved in Cardiac Collagen Deposition. Circulation: Cardiovascular Genetics, 2014, 7, 790-798.	5.1	10
102	The effect of age on the systemic inflammatory response in patients with community-acquired pneumonia. Clinical Microbiology and Infection, 2014, 20, 1183-1188.	6.0	26
103	NLRP3 and ASC Differentially Affect the Lung Transcriptome during Pneumococcal Pneumonia. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 699-712.	2.9	29
104	Role of Tumor Necrosis Factor-Î± in the Human Systemic Endotoxin-Induced Transcriptome. PLoS ONE, 2013, 8, e79051.	2.5	14
105	Dissection of a Quantitative Trait Locus for PR Interval Duration Identifies Tnni3k as a Novel Modulator of Cardiac Conduction. PLoS Genetics, 2012, 8, e1003113.	3.5	45
106	Interleukin-27: a potential new sepsis biomarker exposed through genome-wide transcriptional profiling. Critical Care, 2012, 16, 188.	5.8	19
107	Functional Na _V 1.8 Channels in Intracardiac Neurons. Circulation Research, 2012, 111, 333-343.	4.5	131
108	The Selective Nav1.8 Sodium Channel Blocker A-803467 Affects Electrical Activity in Intracardiac Neurons, but not in Cardiomyocytes. Biophysical Journal, 2011, 100, 421a-422a.	0.5	0

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109	Load-Reducing Therapy Prevents Development of Arrhythmogenic Right Ventricular Cardiomyopathy in Plakoglobin-Deficient Mice. Journal of the American College of Cardiology, 2011, 57, 740-750.	2.8	103
110	Quantitative trait loci for electrocardiographic parameters and arrhythmia in the mouse. Journal of Molecular and Cellular Cardiology, 2011, 50, 380-389.	1.9	22
111	Genome-wide association study identifies a susceptibility locus at 21q21 for ventricular fibrillation in acute myocardial infarction. Nature Genetics, 2010, 42, 688-691.	21.4	170
112	Tubulin polymerization modifies cardiac sodium channel expression and gating. Cardiovascular Research, 2010, 85, 691-700.	3.8	68
113	Genetically Determined Differences in Sodium Current Characteristics Modulate Conduction Disease Severity in Mice With Cardiac Sodium Channelopathy. Circulation Research, 2009, 104, 1283-1292.	4.5	86
114	Myocyte necrosis underlies progressive myocardial dystrophy in mouse dsg2-related arrhythmogenic right ventricular cardiomyopathy. Journal of Experimental Medicine, 2009, 206, 1787-1802.	8.5	184
115	The cardiac sodium channel displays differential distribution in the conduction system and transmural heterogeneity in the murine ventricular myocardium. Basic Research in Cardiology, 2009, 104, 511-522.	5.9	103
116	Myocyte necrosis underlies progressive myocardial dystrophy in mouse dsg2-related arrhythmogenic right ventricular cardiomyopathy. Journal of Cell Biology, 2009, 186, i5-i5.	5.2	0
117	The Primary Arrhythmia Syndromes: Same Mutation, Different Manifestations. Are We Starting to Understand Why?. Journal of Cardiovascular Electrophysiology, 2008, 19, 445-452.	1.7	33
118	The Long Non-Coding Antisense RNA JHDM1D-AS1 Regulates Inflammatory Responses in Human Monocytes. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	3