

# David H Dockrell

## List of Publications by Year in descending order

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121  
papers

7,948  
citations

36203

51  
h-index

53109

85  
g-index

132  
all docs

132  
docs citations

132  
times ranked

11420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil HIF-1 $\beta$ stabilization is augmented by mitochondrial ROS produced via the glycerol 3-phosphate shuttle. <i>Blood</i> , 2022, 139, 281-286.	0.6	56
2	Randomised controlled trial of intravenous nafamostat mesylate in COVID pneumonitis: Phase 1b/2a experimental study to investigate safety, Pharmacokinetics and Pharmacodynamics. <i>EBioMedicine</i> , 2022, 76, 103856.	2.7	38
3	Hypoxia shapes the immune landscape in lung injury and promotes the persistence of inflammation. <i>Nature Immunology</i> , 2022, 23, 927-939.	7.0	21
4	Phagosomal Acidification Is Required to Kill <i>Streptococcus pneumoniae</i> in a Zebrafish Model. <i>Cellular Microbiology</i> , 2022, 2022, 1-13.	1.1	0
5	Neutrophils Fuel Effective Immune Responses through Gluconeogenesis and Glycogenesis. <i>Cell Metabolism</i> , 2021, 33, 411-423.e4.	7.2	84
6	AAAAAA type I IFN, prothrombotic hyperinflammatory neutrophil signature is distinct for COVID-19 ARDSAAA. Wellcome Open Research, 2021, 6, 38.	0.9	29
7	AAAAAA type I IFN, prothrombotic hyperinflammatory neutrophil signature is distinct for COVID-19 ARDSAAA. Wellcome Open Research, 2021, 6, 38.	0.9	35
8	Pneumolysin Is Responsible for Differential Gene Expression and Modifications in the Epigenetic Landscape of Primary Monocyte Derived Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 573266.	2.2	6
9	The long-term sequelae of COVID-19: an international consensus on research priorities for patients with pre-existing and new-onset airways disease. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1467-1478.	5.2	84
10	The histone methyltransferase <i>Ezh2</i> restrains macrophage inflammatory responses. <i>FASEB Journal</i> , 2021, 35, e21843.	0.2	15
11	The effect of live attenuated influenza vaccine on pneumococcal colonisation densities among children aged 24-59 months in The Gambia: a phase 4, open label, randomised, controlled trial. <i>Lancet Microbe</i> , 2021, 2, e656-e665.	3.4	7
12	The transcription factor EGR2 is indispensable for tissue-specific imprinting of alveolar macrophages in health and tissue repair. <i>Science Immunology</i> , 2021, 6, eabj2132.	5.6	23
13	Pellino-1 Regulates the Responses of the Airway to Viral Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 456.	1.8	12
14	Glycan-glycan interactions determine <i>Leishmania</i> attachment to the midgut of permissive sand fly vectors. <i>Chemical Science</i> , 2020, 11, 10973-10983.	3.7	4
15	Polymersomes Eradicating Intracellular Bacteria. <i>ACS Nano</i> , 2020, 14, 8287-8298.	7.3	47
16	Developing Novel Host-Based Therapies Targeting Microbicidal Responses in Macrophages and Neutrophils to Combat Bacterial Antimicrobial Resistance. <i>Frontiers in Immunology</i> , 2020, 11, 786.	2.2	10
17	The clock gene <i>Bmal1</i> inhibits macrophage motility, phagocytosis, and impairs defense against pneumonia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1543-1551.	3.3	89
18	A mathematical model shows macrophages delay <i>Staphylococcus aureus</i> replication, but limitations in microbicidal capacity restrict bacterial clearance. <i>Journal of Theoretical Biology</i> , 2020, 497, 110256.	0.8	4

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19	Pellino-1 Regulates Immune Responses to Haemophilus influenzae in Models of Inflammatory Lung Disease. <i>Frontiers in Immunology</i> , 2019, 10, 1721.	2.2	17
20	Defective bacterial phagocytosis is associated with dysfunctional mitochondria in COPD macrophages. <i>European Respiratory Journal</i> , 2019, 54, 1802244.	3.1	86
21	Comparison of data acquisition methods for the identification and quantification of histone post-translational modifications on a Q Exactive HF hybrid quadrupole Orbitrap mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 897-906.	0.7	13
22	Human Rhinovirus Inhibits Macrophage Phagocytosis of Bacteria in Chronic Obstructive Pulmonary Disease. More Than a Common Cold. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1451-1452.	2.5	2
23	Alveolar Macrophage Apoptosis-associated Bacterial Killing Helps Prevent Murine Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 84-97.	2.5	41
24	Inhibition of ErbB kinase signalling promotes resolution of neutrophilic inflammation. <i>ELife</i> , 2019, 8, .	2.8	20
25	HIV gp120 in the Lungs of Antiretroviral Therapy-treated Individuals Impairs Alveolar Macrophage Responses to Pneumococci. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1604-1615.	2.5	33
26	Oponic Phagocytosis in Chronic Obstructive Pulmonary Disease Is Enhanced by Nrf2 Agonists. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 739-750.	2.5	53
27	Management of MDR-TB in HIV co-infected patients in Eastern Europe: Results from the TB:HIV study. <i>Journal of Infection</i> , 2018, 76, 44-54.	1.7	16
28	Human skin commensals augment Staphylococcus aureus pathogenesis. <i>Nature Microbiology</i> , 2018, 3, 881-890.	5.9	80
29	Hypoxia determines survival outcomes of bacterial infection through HIF-1-dependent reprogramming of leukocyte metabolism. <i>Science Immunology</i> , 2017, 2, .	5.6	61
30	Impaired Mitochondrial Microbicidal Responses in Chronic Obstructive Pulmonary Disease Macrophages. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 845-855.	2.5	70
31	Fixed-dose combination dolutegravir, abacavir, and lamivudine versus ritonavir-boosted atazanavir plus tenofovir disoproxil fumarate and emtricitabine in previously untreated women with HIV-1 infection (ARIA): week 48 results from a randomised, open-label, non-inferiority, phase 3b study. <i>Lancet HIV</i> , 2017, 4, e536-e546.	2.1	101
32	Facing new challenges to promote long-term health for people living with HIV. <i>Current Opinion in Infectious Diseases</i> , 2017, 30, 1-3.	1.3	12
33	Bacterial size matters: Multiple mechanisms controlling septum cleavage and diplococcus formation are critical for the virulence of the opportunistic pathogen Enterococcus faecalis. <i>PLoS Pathogens</i> , 2017, 13, e1006526.	2.1	18
34	Prolyl hydroxylase 2 inactivation enhances glycogen storage and promotes excessive neutrophilic responses. <i>Journal of Clinical Investigation</i> , 2017, 127, 3407-3420.	3.9	71
35	Analysis of histone post translational modifications in primary monocyte derived macrophages using reverse phase—reverse phase chromatography in conjunction with porous graphitic carbon stationary phase. <i>Journal of Chromatography A</i> , 2016, 1453, 43-53.	1.8	6
36	The therapeutic potential of epigenetic manipulation during infectious diseases. , 2016, 167, 85-99.		35

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37	Inability to sustain intraphagolysosomal killing of <i>Staphylococcus aureus</i> predisposes to bacterial persistence in macrophages. <i>Cellular Microbiology</i> , 2016, 18, 80-96.	1.1	105
38	Differential Effects of p38, MAPK, PI3K or Rho Kinase Inhibitors on Bacterial Phagocytosis and Efferocytosis by Macrophages in COPD. <i>PLoS ONE</i> , 2016, 11, e0163139.	1.1	49
39	<i>Streptococcus pneumoniae</i> Interactions with Macrophages and Mechanisms of Immune Evasion. , 2015, , 401-422.		5
40	Platelet P2Y <sub>12</sub> Inhibitors Reduce Systemic Inflammation and Its Prothrombotic Effects in an Experimental Human Model. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2562-2570.	1.1	105
41	Pneumolysin Activates Macrophage Lysosomal Membrane Permeabilization and Executes Apoptosis by Distinct Mechanisms without Membrane Pore Formation. <i>MBio</i> , 2014, 5, e01710-14.	1.8	50
42	<i>Streptococcus pneumoniae</i> worsens cerebral ischemia via interleukin 1 and platelet glycoprotein I $\beta$ . <i>Annals of Neurology</i> , 2014, 75, 670-683.	2.8	50
43	Editorial: RSV: a new box of delights for an old enemy. <i>Journal of Leukocyte Biology</i> , 2014, 96, 945-947.	1.5	0
44	Successful use of Fendrix in HIV-infected non-responders to standard hepatitis B vaccines. <i>Journal of Infection</i> , 2014, 68, 397-399.	1.7	17
45	Hypoxia-inducible factor 2 $\beta$ regulates key neutrophil functions in humans, mice, and zebrafish. <i>Blood</i> , 2014, 123, 366-376.	0.6	124
46	The Role of Macrophages in the Innate Immune Response to <i>Streptococcus pneumoniae</i> and <i>Staphylococcus aureus</i> . <i>Advances in Microbial Physiology</i> , 2014, 65, 125-202.	1.0	56
47	Macrophage Phenotype Is Associated with Disease Severity in Preterm Infants with Chronic Lung Disease. <i>PLoS ONE</i> , 2014, 9, e103059.	1.1	24
48	<i>Clostridium Difficile</i> Infection in Patients with HIV/AIDS. <i>Current HIV/AIDS Reports</i> , 2013, 10, 273-282.	1.1	31
49	Mechanistic links between acute respiratory tract infections and acute coronary syndromes. <i>Journal of Infection</i> , 2013, 66, 1-17.	1.7	31
50	The yin and the yang of immunosuppression with inhaled corticosteroids. <i>Thorax</i> , 2013, 68, 1085-1087.	2.7	39
51	Low concordance with HIV testing guidelines in a retrospective review of intensive care practice. <i>Thorax</i> , 2013, 68, 1072-1074.	2.7	5
52	Alveolar macrophages in pulmonary host defence—the unrecognized role of apoptosis as a mechanism of intracellular bacterial killing. <i>Clinical and Experimental Immunology</i> , 2013, 174, 193-202.	1.1	112
53	Roles of neutrophils in the regulation of the extent of human inflammation through delivery of IL-1 and clearance of chemokines. <i>Journal of Leukocyte Biology</i> , 2013, 93, 7-19.	1.5	21
54	Alveolar Macrophages. , 2013, , 1-48.		1

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55	Deficiency of tumour necrosis factor-related apoptosis-inducing ligand exacerbates lung injury and fibrosis. <i>Thorax</i> , 2012, 67, 796-803.	2.7	31
56	Monocytes Regulate the Mechanism of T-cell Death by Inducing Fas-Mediated Apoptosis during Bacterial Infection. <i>PLoS Pathogens</i> , 2012, 8, e1002814.	2.1	25
57	A decoy receptor 3 analogue reduces localised defects in phagocyte function in pneumococcal pneumonia. <i>Thorax</i> , 2012, 67, 985-992.	2.7	10
58	Interleukin-1 $\beta$ Regulates CXCL8 Release and Influences Disease Outcome in Response to <i>Streptococcus pneumoniae</i> , Defining Intercellular Cooperation between Pulmonary Epithelial Cells and Macrophages. <i>Infection and Immunity</i> , 2012, 80, 1140-1149.	1.0	85
59	Pneumococcal Pneumonia. <i>Chest</i> , 2012, 142, 482-491.	0.4	116
60	Diesel Exhaust Particle Exposure In Vitro Alters Monocyte Differentiation and Function. <i>PLoS ONE</i> , 2012, 7, e51107.	1.1	24
61	<i>Clostridium difficile</i> infection in HIV-seropositive individuals and transplant recipients. <i>Journal of Infection</i> , 2012, 64, 131-147.	1.7	52
62	British HIV Association and British Infection Association guidelines for the treatment of opportunistic infection in HIV-seropositive individuals 2011. <i>HIV Medicine</i> , 2011, 12, 1-5.	1.0	99
63	Evolving controversies and challenges in the management of opportunistic infections in HIV-seropositive individuals. <i>Journal of Infection</i> , 2011, 63, 177-186.	1.7	7
64	Proteomic Evaluation and Validation of Cathepsin D Regulated Proteins in Macrophages Exposed to <i>Streptococcus pneumoniae</i> . <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.008193.	2.5	39
65	TNF-related apoptosis-inducing ligand (TRAIL) regulates inflammatory neutrophil apoptosis and enhances resolution of inflammation. <i>Journal of Leukocyte Biology</i> , 2011, 90, 855-865.	1.5	126
66	A Cardinal Role for Cathepsin D in Co-Ordinating the Host-Mediated Apoptosis of Macrophages and Killing of Pneumococci. <i>PLoS Pathogens</i> , 2011, 7, e1001262.	2.1	85
67	Prolyl hydroxylase 3 (PHD3) is essential for hypoxic regulation of neutrophilic inflammation in humans and mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 1053-1063.	3.9	147
68	Eosinophilia in returning travellers and migrants from the tropics: UK recommendations for investigation and initial management. <i>Journal of Infection</i> , 2010, 60, 1-20.	1.7	109
69	Distinct Cell Death Programs in Monocytes Regulate Innate Responses Following Challenge with Common Causes of Invasive Bacterial Disease. <i>Journal of Immunology</i> , 2010, 185, 2968-2979.	0.4	84
70	The Identification of Markers of Macrophage Differentiation in PMA-Stimulated THP-1 Cells and Monocyte-Derived Macrophages. <i>PLoS ONE</i> , 2010, 5, e8668.	1.1	897
71	HIV and bone disease. <i>Archives of Biochemistry and Biophysics</i> , 2010, 503, 66-77.	1.4	68
72	Fever in returned travellers presenting in the United Kingdom: Recommendations for investigation and initial management. <i>Journal of Infection</i> , 2009, 59, 1-18.	1.7	96

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73	Virulence factors in pneumococcal respiratory pathogenesis. <i>Future Microbiology</i> , 2008, 3, 205-221.	1.0	24
74	Reactive Oxygen Species Regulate Neutrophil Recruitment and Survival in Pneumococcal Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 887-895.	2.5	76
75	Impairment of Apoptotic Cell Engulfment by Pyocyanin, a Toxic Metabolite of <i>Pseudomonas aeruginosa</i> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 35-43.	2.5	100
76	Pneumolysin: A Double-Edged Sword During the Host-Pathogen Interaction. <i>Current Molecular Medicine</i> , 2008, 8, 497-509.	0.6	154
77	Subversion of a Lysosomal Pathway Regulating Neutrophil Apoptosis by a Major Bacterial Toxin, Pyocyanin. <i>Journal of Immunology</i> , 2008, 180, 3502-3511.	0.4	67
78	Targeting the Networks that Underpin Contiguous Immunity in Asthma and Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 306-311.	2.5	51
79	Contrasting roles for reactive oxygen species and nitric oxide in the innate response to pulmonary infection with <i>Streptococcus pneumoniae</i> . <i>Vaccine</i> , 2007, 25, 2485-2490.	1.7	20
80	HIV-1 Infection and the Kidney: An Evolving Challenge in HIV Medicine. <i>Mayo Clinic Proceedings</i> , 2007, 82, 1103-1116.	1.4	53
81	THE ROLE OF THE MACROPHAGE IN LUNG DISEASE MEDIATED BY BACTERIA. <i>Experimental Lung Research</i> , 2007, 33, 493-505.	0.5	87
82	Improved outcomes associated with advances in therapy for invasive fungal infections in immunocompromised hosts. <i>Journal of Infection</i> , 2007, 55, 287-299.	1.7	46
83	Identifying and hurdling obstacles to translational research. <i>Nature Reviews Immunology</i> , 2007, 7, 77-82.	10.6	46
84	The Neutrophil. , 2007, , 51-73.		0
85	<i>Streptococcus pneumoniae</i> : The role of apoptosis in host defense and pathogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 1848-1854.	1.2	45
86	Granulocyte apoptosis in the pathogenesis and resolution of lung disease. <i>Clinical Science</i> , 2006, 110, 293-304.	1.8	55
87	Phagocytosis of <i>Streptococcus pneumoniae</i> , 2006, , 135-180.		0
88	Regulation of phagocyte lifespan in the lung during bacterial infection. <i>Journal of Leukocyte Biology</i> , 2006, 79, 904-908.	1.5	23
89	Inhibition of Macrophage Apoptosis by <i>Neisseria meningitidis</i> Requires Nitric Oxide Detoxification Mechanisms. <i>Infection and Immunity</i> , 2006, 74, 729-733.	1.0	45
90	Decreased Alveolar Macrophage Apoptosis Is Associated with Increased Pulmonary Inflammation in a Murine Model of Pneumococcal Pneumonia. <i>Journal of Immunology</i> , 2006, 177, 6480-6488.	0.4	89

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91	Gamma Interferon Enhances Internalization and Early Nonoxidative Killing of <i>Salmonella enterica</i> Serovar Typhimurium by Human Macrophages and Modifies Cytokine Responses. <i>Infection and Immunity</i> , 2005, 73, 3445-3452.	1.0	50
92	Pyocyanin Production by <i>Pseudomonas aeruginosa</i> Induces Neutrophil Apoptosis and Impairs Neutrophil-Mediated Host Defenses In Vivo. <i>Journal of Immunology</i> , 2005, 174, 3643-3649.	0.4	219
93	Dynamic changes in Mcl-1 expression regulate macrophage viability or commitment to apoptosis during bacterial clearance. <i>Journal of Clinical Investigation</i> , 2005, 115, 359-368.	3.9	88
94	Dynamic changes in Mcl-1 expression regulate macrophage viability or commitment to apoptosis during bacterial clearance. <i>Journal of Clinical Investigation</i> , 2005, 115, 359-368.	3.9	62
95	Nitric oxide levels regulate macrophage commitment to apoptosis or necrosis during pneumococcal infection. <i>FASEB Journal</i> , 2004, 18, 1126-1128.	0.2	112
96	The multiple roles of Fas ligand in the pathogenesis of infectious diseases. <i>Clinical Microbiology and Infection</i> , 2003, 9, 766-779.	2.8	39
97	Toll-Like Receptors in Health and Disease: Complex Questions Remain. <i>Journal of Immunology</i> , 2003, 171, 1630-1635.	0.4	198
98	Human herpesvirus 6: molecular biology and clinical features. <i>Journal of Medical Microbiology</i> , 2003, 52, 5-18.	0.7	95
99	<i>Streptococcus pneumoniae</i> Associated Human Macrophage Apoptosis after Bacterial Internalization via Complement and Fc $\gamma$ Receptors Correlates with Intracellular Bacterial Load. <i>Journal of Infectious Diseases</i> , 2003, 188, 1119-1131.	1.9	86
100	Acceleration of Human Neutrophil Apoptosis by TRAIL. <i>Journal of Immunology</i> , 2003, 170, 1027-1033.	0.4	164
101	Alveolar Macrophage Apoptosis Contributes to Pneumococcal Clearance in a Resolving Model of Pulmonary Infection. <i>Journal of Immunology</i> , 2003, 171, 5380-5388.	0.4	213
102	Group G Streptococcal Bacteraemia: An Opportunistic Infection Associated with Immune Senescence. <i>Scandinavian Journal of Infectious Diseases</i> , 2002, 34, 83-87.	1.5	27
103	The burden of invasive pneumococcal disease and the potential for reduction by immunisation. <i>International Journal of Antimicrobial Agents</i> , 2002, 19, 85-93.	1.1	19
104	Human herpesvirus-6 and -7 in transplantation. <i>Reviews in Medical Virology</i> , 2001, 11, 23-36.	3.9	122
105	Apoptotic Cell Death in the Pathogenesis of Infectious Diseases. <i>Journal of Infection</i> , 2001, 42, 227-234.	1.7	75
106	Mycophenolate mofetil increases cytomegalovirus invasive organ disease in renal transplant patients. <i>Clinical Transplantation</i> , 2000, 14, 136-138.	0.8	128
107	52-Year-Old Man With Shortness of Breath. <i>Mayo Clinic Proceedings</i> , 2000, 75, 417-420.	1.4	0
108	Activation-Induced CD4 $^{+}$ T Cell Death in HIV-Positive Individuals Correlates with Fas Susceptibility, CD4 $^{+}$ T Cell Count, and HIV Plasma Viral Copy Number. <i>AIDS Research and Human Retroviruses</i> , 1999, 15, 1509-1518.	0.5	50

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109	Immunogenicity of three Haemophilus influenzae type b protein conjugate vaccines in HIV seropositive adults and analysis of predictors of vaccine response. <i>Vaccine</i> , 1999, 17, 2779-2785.	1.7	25
110	Human Herpesvirus 6. <i>Mayo Clinic Proceedings</i> , 1999, 74, 163-170.	1.4	55
111	HUMAN HERPESVIRUS 6 SERONEGATIVITY BEFORE TRANSPLANTATION PREDICTS THE OCCURRENCE OF FUNGAL INFECTION IN LIVER TRANSPLANT RECIPIENTS. <i>Transplantation</i> , 1999, 67, 399-403.	0.5	81
112	Epstein-Barr Virus-Induced T Cell Lymphoma in Solid Organ Transplant Recipients. <i>Clinical Infectious Diseases</i> , 1998, 26, 180-182.	2.9	72
113	CD4 Regulates Susceptibility to Fas ligand-mediated Apoptosis. <i>Journal of Experimental Medicine</i> , 1998, 187, 711-720.	4.2	89
114	The expression of Fas Ligand by macrophages and its upregulation by human immunodeficiency virus infection. <i>Journal of Clinical Investigation</i> , 1998, 101, 2394-2405.	3.9	116
115	In vivo analysis of Fas/FasL interactions in HIV-infected patients. <i>Journal of Clinical Investigation</i> , 1998, 102, 79-87.	3.9	141
116	Macrophage-dependent Apoptosis of CD4+ T Lymphocytes from HIV-infected Individuals Is Mediated by FasL and Tumor Necrosis Factor. <i>Journal of Experimental Medicine</i> , 1997, 185, 55-64.	4.2	241
117	Seroconversion to Human Herpesvirus 6 following Liver Transplantation Is a Marker of Cytomegalovirus Disease. <i>Journal of Infectious Diseases</i> , 1997, 176, 1135-1140.	1.9	121
118	Apoptosis in AIDS. <i>Advances in Pharmacology</i> , 1997, 41, 271-294.	1.2	18
119	Hypercalcemia in a Patient With Hypoparathyroidism and <i>Nocardia asteroides</i> Infection: A Novel Observation. <i>Mayo Clinic Proceedings</i> , 1997, 72, 757-760.	1.4	9
120	Seroprevalence of parvovirus B19 antibody in HIV positive asymptomatic persons. <i>International Journal of Infectious Diseases</i> , 1997, 2, 99-104.	1.5	1
121	Variability in parvovirus B19 IgG levels in intravenous immunoglobulin samples. <i>Diagnostic Microbiology and Infectious Disease</i> , 1996, 26, 133-135.	0.8	5