

Colin R Mackenzie

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

2,763
citations

201575

27
h-index

189801

50
g-index

81
all docs

81
docs citations

81
times ranked

4120
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidermal EGFR Controls Cutaneous Host Defense and Prevents Inflammation. <i>Science Translational Medicine</i> , 2013, 5, 199ra111.	5.8	197
2	Intake of <i>Lactobacillus reuteri</i> Improves Incretin and Insulin Secretion in Glucose-Tolerant Humans: A Proof of Concept. <i>Diabetes Care</i> , 2015, 38, 1827-1834.	4.3	194
3	Depletion of neutrophil extracellular traps in vivo results in hypersusceptibility to polymicrobial sepsis in mice. <i>Critical Care</i> , 2012, 16, R137.	2.5	159
4	Localization of indoleamine 2,3-dioxygenase in human female reproductive organs and the placenta. <i>Molecular Human Reproduction</i> , 2002, 8, 385-391.	1.3	120
5	Role of Indoleamine 2,3-Dioxygenase in Antimicrobial Defence and Immuno-Regulation: Tryptophan Depletion Versus Production of Toxic Kynurenines. <i>Current Drug Metabolism</i> , 2007, 8, 237-244.	0.7	120
6	Role of Indoleamine-2,3-Dioxygenase in Alpha/Beta and Gamma Interferon-Mediated Antiviral Effects against Herpes Simplex Virus Infections. <i>Journal of Virology</i> , 2004, 78, 2632-2636.	1.5	103
7	IFN- γ -Activated Indoleamine 2,3-Dioxygenase Activity in Human Cells is an Antiparasitic and an Antibacterial Effector Mechanism. <i>Advances in Experimental Medicine and Biology</i> , 1999, 467, 517-524.	0.8	103
8	Nitric Oxide-Mediated Regulation of Gamma Interferon-Induced Bacteriostasis: Inhibition and Degradation of Human Indoleamine 2,3-Dioxygenase. <i>Infection and Immunity</i> , 2004, 72, 2723-2730.	1.0	100
9	Interferon- γ -Induced Activation of Indoleamine 2,3-Dioxygenase in Cord Blood Monocyte-Derived Macrophages Inhibits the Growth of Group B Streptococci. <i>Journal of Infectious Diseases</i> , 1998, 178, 875-878.	1.9	99
10	Inhibition of human herpes simplex virus type 2 by interferon γ and tumor necrosis factor γ is mediated by indoleamine 2,3-dioxygenase. <i>Microbes and Infection</i> , 2004, 6, 806-812.	1.0	90
11	Anti-parasitic effector mechanisms in human brain tumor cells: Role of interferon- γ and tumor necrosis factor- α . <i>European Journal of Immunology</i> , 1996, 26, 487-492.	1.6	88
12	Antimicrobial and immunoregulatory properties of human tryptophan 2,3-dioxygenase. <i>European Journal of Immunology</i> , 2009, 39, 2755-2764.	1.6	77
13	Fusarium Keratitis in Germany. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2983-2995.	1.8	65
14	Diagnostic and therapeutic implications of neurological complications following paediatric haematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2008, 41, 253-259.	1.3	61
15	The missing link between indoleamine 2,3-dioxygenase mediated antibacterial and immunoregulatory effects. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1125-1135.	1.6	58
16	Enterotoxin and toxic shock syndrome toxin-1 production of methicillin resistant and methicillin sensitive <i>Staphylococcus aureus</i> strains. <i>European Journal of Epidemiology</i> , 1997, 13, 699-708.	2.5	56
17	GRA9, a new <i>Toxoplasma gondii</i> dense granule protein associated with the intravacuolar network of tubular membranes. <i>International Journal for Parasitology</i> , 2004, 34, 1255-1264.	1.3	54
18	German multicentre survey of the antibiotic susceptibility of <i>Bacteroides fragilis</i> group and <i>Prevotella</i> species isolated from intra-abdominal infections: results from the PRISMA study. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 2405-2410.	1.3	54

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19	Cytokine Mediated Regulation of Interferon-Gamma-Induced Ido Activation. <i>Advances in Experimental Medicine and Biology</i> , 1999, 467, 533-539.	0.8	54
20	Antimicrobial and immunoregulatory effects mediated by human lung cells: role of IFN- β -induced tryptophan degradation. <i>FEMS Immunology and Medical Microbiology</i> , 2008, 52, 273-281.	2.7	50
21	Genetic Characterization and Emergence of the Metallo- β -Lactamase GIM-1 in <i>Pseudomonas</i> spp. and Enterobacteriaceae during a Long-Term Outbreak. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5162-5165.	1.4	46
22	Detection and termination of an extended low-frequency hospital outbreak of GIM-1-producing <i>Pseudomonas aeruginosa</i> ST111 in Germany. <i>American Journal of Infection Control</i> , 2015, 43, 635-639.	1.1	42
23	Antimicrobial and immunoregulatory effector mechanisms in human endothelial cells. <i>Thrombosis and Haemostasis</i> , 2009, 102, 1110-1116.	1.8	38
24	Fatal outcome of a disseminated dual infection with drug-resistant <i>Mycoplasma hominis</i> and <i>Ureaplasma parvum</i> originating from a septic arthritis in an immunocompromised patient. <i>International Journal of Infectious Diseases</i> , 2010, 14, e307-e309.	1.5	38
25	Role Of Ido Activation In Anti-Microbial Defense in Human Native Astrocytes. <i>Advances in Experimental Medicine and Biology</i> , 2003, 527, 15-26.	0.8	35
26	Determination of the Performance of Various Root Canal Disinfection Methods after In Situ Carriage. <i>Journal of Endodontics</i> , 2007, 33, 926-929.	1.4	33
27	Inducible anti-parasitic effector mechanisms in human uroepithelial cells: tryptophan degradation vs. NO production. <i>Medical Microbiology and Immunology</i> , 1999, 187, 143-147.	2.6	32
28	Growth inhibition of multiresistant enterococci by interferon- β -activated human uro-epithelial cells. <i>Journal of Medical Microbiology</i> , 1999, 48, 935-941.	0.7	27
29	<i>Mycoplasma pneumoniae</i> infections, 11 countries in Europe and Israel, 2011 to 2016. <i>Eurosurveillance</i> , 2020, 25, .	3.9	27
30	Implant-associated localized osteitis in murine femur fracture by biofilm forming <i>Staphylococcus aureus</i> : A novel experimental model. <i>Journal of Orthopaedic Research</i> , 2013, 31, 2013-2020.	1.2	25
31	Inhibition of indoleamine 2,3-dioxygenase in human macrophages inhibits interferon- β -induced bacteriostasis but does not abrogate toxoplasma. <i>European Journal of Immunology</i> , 1999, 29, 3254-3261.	1.6	24
32	The crystal structure of the CRISPR-associated protein Csn2 from <i>Streptococcus agalactiae</i> . <i>Journal of Structural Biology</i> , 2012, 178, 350-362.	1.3	24
33	A set of novel multiplex Taqman real-time PCRs for the detection of diarrhoeagenic <i>Escherichia coli</i> and its use in determining the prevalence of EPEC and EAEC in a university hospital. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2010, 9, 5.	1.7	23
34	Inhibition of group B streptococcal growth by IFN- β -activated human glioblastoma cells. <i>Journal of Neuroimmunology</i> , 1998, 89, 191-197.	1.1	22
35	Blood Culture Sampling Rates at a German Pediatric University Hospital and Incidence of Invasive Pneumococcal Disease. <i>Infection</i> , 2004, 32, 78-81.	2.3	22
36	Acute Hemorrhagic Pericarditis in a Child with Pneumonia Due to <i>Chlamydia pneumoniae</i> . <i>Journal of Clinical Microbiology</i> , 2005, 43, 520-522.	1.8	21

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37	Rapid Detection and Immune Characterization of Mycobacterium abscessus Infection in Cystic Fibrosis Patients. PLoS ONE, 2015, 10, e0119737.	1.1	21
38	Immune reconstitution inflammatory syndrome (IRIS) due to Bacille Calmette Guerin (BCG) in an HIV-positive child. Scandinavian Journal of Infectious Diseases, 2006, 38, 716-718.	1.5	19
39	Interleukin-1 Inhibits Gamma Interferon-Induced Bacteriostasis in Human Uroepithelial Cells. Infection and Immunity, 1999, 67, 5615-5620.	1.0	19
40	Diphtheria (D) and Tetanus (T) Antibody Values in Children with Acute Lymphoblastic Leukaemia (ALL) after Treatment According to Co-ALL 05/92. Klinische Padiatrie, 2007, 219, 355-360.	0.2	18
41	Cat Scratch Disease " Heterogeneous in Clinical Presentation: Five Unusual Cases of an Infection Caused by <i>Bartonella henselae</i> . Klinische Padiatrie, 2010, 222, 73-78.	0.2	18
42	Cryptococcal meningoencephalitis in an IgG2-deficient patient with multiple sclerosis on fingolimod therapy for more than five years " case report. BMC Neurology, 2020, 20, 158.	0.8	18
43	Species Diversity of Environmental GIM-1-Producing Bacteria Collected during a Long-Term Outbreak. Applied and Environmental Microbiology, 2016, 82, 3605-3610.	1.4	17
44	Enhancement of antimicrobial effects by glucocorticoids. Medical Microbiology and Immunology, 2005, 194, 47-53.	2.6	16
45	Animal-assisted therapy at a University Centre for Palliative Medicine " a qualitative content analysis of patient records. BMC Palliative Care, 2017, 16, 50.	0.8	15
46	Inhibition of the Growth of <i>Toxoplasma gondii</i> in Immature Human Dendritic Cells Is Dependent on the Expression of TNF- α Receptor 2. Journal of Immunology, 2004, 173, 3366-3374.	0.4	14
47	Echinococcus multilocularis: The impact of ionizing radiation on metacestodes. Experimental Parasitology, 2011, 127, 127-134.	0.5	14
48	Long-Term, Low-Frequency Cluster of a German-Imipenemase-1-Producing <i>Enterobacter hormaechei</i> ssp. <i>steigerwaltii</i> ST89 in a Tertiary Care Hospital in Germany. Microbial Drug Resistance, 2018, 24, 1305-1315.	0.9	13
49	Invasive Aspergillosis in Pediatric Oncology Patients: A Rare Event With Poor Prognosis - Case Analysis to Plan Better Targeted Prophylactic or Therapeutic Measurement. Klinische Padiatrie, 2012, 224, 160-165.	0.2	11
50	Characterization of a Novel Metallo- β -Lactamase Variant, GIM-2, from a Clinical Isolate of Enterobacter cloacae in Germany. Antimicrobial Agents and Chemotherapy, 2015, 59, 1824-1825.	1.4	11
51	Infectious risk stratification in multiple sclerosis patients receiving immunotherapy. Annals of Clinical and Translational Neurology, 2017, 4, 909-914.	1.7	11
52	High rate of extended-spectrum beta-lactamase-producing gram-negative infections and associated mortality in Ethiopia: a systematic review and meta-analysis. Antimicrobial Resistance and Infection Control, 2020, 9, 128.	1.5	11
53	Faecal Carriage of Gram-Negative Multidrug-Resistant Bacteria among Patients Hospitalized in Two Centres in Ulaanbaatar, Mongolia. PLoS ONE, 2016, 11, e0168146.	1.1	9
54	Carriage of ESBL-producing Gram-negative bacteria by flies captured in a hospital and its suburban surroundings in Ethiopia. Antimicrobial Resistance and Infection Control, 2020, 9, 175.	1.5	9

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55	Clinical and microbiological characterization of sepsis and evaluation of sepsis scores. PLoS ONE, 2021, 16, e0247646.	1.1	9
56	Regulation of Ido-Mediated Bacteriostasis In Macrophages: Role of Antibiotics And Anti-Inflammatory Agents. Advances in Experimental Medicine and Biology, 2003, 527, 67-76.	0.8	9
57	Prevalence and characterization of antimicrobial resistance among gram-negative bacteria isolated from febrile hospitalized patients in central Ethiopia. Antimicrobial Resistance and Infection Control, 2022, 11, 8.	1.5	9
58	CTX-M-9 group ESBL-producing Raoultella planticola nosocomial infection: first report from sub-Saharan Africa. Annals of Clinical Microbiology and Antimicrobials, 2020, 19, 36.	1.7	8
59	Methicillin resistant Staphylococcus aureus strains in the greater Düsseldorf area. European Journal of Epidemiology, 1997, 13, 709-717.	2.5	7
60	Exchange transfusion in a preterm infant with hyperbilirubinemia, staphylococcal scalded skin syndrome (SSSS) and sepsis. European Journal of Pediatrics, 2007, 166, 733-735.	1.3	7
61	An emboligenic pulmonary abscess leading to ischemic stroke and secondary brain abscess. BMC Neurology, 2012, 12, 133.	0.8	7
62	A prospective study of two isothermal amplification assays compared with real-time PCR, CCNA and toxigenic culture for the diagnosis of Clostridium difficile infection. BMC Microbiology, 2016, 16, 19.	1.3	7
63	TRENDS IN INFECTIONS IN CHILDREN WITH MALIGNANT DISEASE IN 2000: Comparison of Data of 1980/81. Pediatric Hematology and Oncology, 2007, 24, 343-354.	0.3	6
64	Use of a Commercial PCR-Based Line Blot Method for Identification of Bacterial Pathogens and themecAandvanGenes from BacTAlert Blood Culture Bottles: Table 1. Journal of Clinical Microbiology, 2012, 50, 157-159.	1.8	6
65	Protracted Regional Dissemination of GIM-1-Producing Serratia marcescens in Western Germany. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	6
66	High Acquisition Rate of Gram-Negative Multi-Drug Resistant Organism Colonization During Hospitalization: A Perspective from a High Endemic Setting. Infection and Drug Resistance, 2021, Volume 14, 3919-3927.	1.1	6
67	Protamine Enhances the Activity of Human Recombinant Interferon- β . Journal of Interferon and Cytokine Research, 1996, 16, 531-536.	0.5	4
68	A Case of Relapsing-Remitting Neuroborreliosis? Challenges in the Differential Diagnosis of Recurrent Myelitis. Case Reports in Neurology, 2012, 4, 47-53.	0.3	3
69	Lymphnode tuberculosis in a 4-year-old boy with relapsed ganglioneuroblastoma: a case report. BMC Infectious Diseases, 2018, 18, 105.	1.3	3
70	TB or not TB? Diagnostic difficulties in HIV-positive versus HIV-negative tuberculosis patients with an immigration background in Germany. European Journal of Inflammation, 2015, 13, 209-216.	0.2	2
71	Detection of invasive Trichosporon asahii in patient blood by a fungal PCR array. Access Microbiology, 2021, 3, 000285.	0.2	2
72	The detergent octylglucoside neutralizes lipopolysaccharide in a specific manner. Medical Microbiology and Immunology, 2001, 189, 133-136.	2.6	1

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73	Capreomycin in the Treatment of Atypical Mycobacterial Disease in HIV-Positive Patients. European Journal of Clinical Microbiology and Infectious Diseases, 2002, 21, 563-565.	1.3	1
74	Diagnosis of Sexually Transmitted Diseases. Methods in Molecular Biology, 2012, , .	0.4	1
75	Characterization of the cagA-gene in Helicobacter pylori in Mongolia and detection of two EPIYA-A enriched CagA types. International Journal of Medical Microbiology, 2022, 312, 151552.	1.5	1
76	The Immune System, by P. Parham. Parasitology Today, 2000, 16, 314.	3.1	0