

Andrew J Currie

List of Publications by Year in descending order

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86
papers

2,774
citations

172457

29
h-index

189892

50
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all docs

87
docs citations

87
times ranked

4111
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cationic Antimicrobial Peptide LL-37 Modulates Dendritic Cell Differentiation and Dendritic Cell-Induced T Cell Polarization. <i>Journal of Immunology</i> , 2004, 172, 1146-1156.	0.8	392
2	Innate immunity in human newborn infants: prematurity means more than immaturity. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 25-31.	1.5	195
3	Tumor eradication after cyclophosphamide depends on concurrent depletion of regulatory T cells: a role for cycling TNFR2-expressing effector-suppressor T cells in limiting effective chemotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1219-1228.	4.2	127
4	Locally Administered TLR7 Agonists Drive Systemic Antitumor Immune Responses That Are Enhanced by Anti-CD40 Immunotherapy. <i>Journal of Immunology</i> , 2009, 182, 5217-5224.	0.8	86
5	Cyclophosphamide Chemotherapy Sensitizes Tumor Cells to TRAIL-Dependent CD8 T Cell-Mediated Immune Attack Resulting in Suppression of Tumor Growth. <i>PLoS ONE</i> , 2009, 4, e6982.	2.5	82
6	Cranking the Immunologic Engine with Chemotherapy: Using Context to Drive Tumor Antigen Cross-Presentation towards Useful Antitumor Immunity. <i>Cancer Research</i> , 2006, 66, 601-604.	0.9	81
7	Levels of innate immune factors in preterm and term mothers' breast milk during the 1st month postpartum. <i>British Journal of Nutrition</i> , 2016, 115, 1178-1193.	2.3	78
8	Leukocyte Populations in Human Preterm and Term Breast Milk Identified by Multicolour Flow Cytometry. <i>PLoS ONE</i> , 2015, 10, e0135580.	2.5	75
9	Partial, but not Complete, Tumor-Debulking Surgery Promotes Protective Antitumor Memory when Combined with Chemotherapy and Adjuvant Immunotherapy. <i>Cancer Research</i> , 2005, 65, 7580-7584.	0.9	73
10	Primary Immunodeficiency to pneumococcal infection due to a defect in Toll-like receptor signaling. <i>Journal of Pediatrics</i> , 2004, 144, 512-518.	1.8	68
11	Tumor-infiltrating dendritic cells exhibit defective cross-presentation of tumor antigens, but is reversed by chemotherapy. <i>European Journal of Immunology</i> , 2015, 45, 49-59.	2.9	64
12	TLR2 Mediates Recognition of Live <i>Staphylococcus epidermidis</i> and Clearance of Bacteremia. <i>PLoS ONE</i> , 2010, 5, e10111.	2.5	62
13	Antimicrobial Protein and Peptide Concentrations and Activity in Human Breast Milk Consumed by Preterm Infants at Risk of Late-Onset Neonatal Sepsis. <i>PLoS ONE</i> , 2015, 10, e0117038.	2.5	62
14	Targeting the Effector Site with IFN- γ -Inducing TLR Ligands Reactivates Tumor-Resident CD8 T Cell Responses to Eradicate Established Solid Tumors. <i>Journal of Immunology</i> , 2008, 180, 1535-1544.	0.8	59
15	Tumor Antigen Cross-Presentation and the Dendritic Cell: Where it All Begins?. <i>Clinical and Developmental Immunology</i> , 2010, 2010, 1-9.	3.3	59
16	Preterm Infants Have Deficient Monocyte and Lymphocyte Cytokine Responses to Group B <i>Streptococcus</i> . <i>Infection and Immunity</i> , 2011, 79, 1588-1596.	2.2	59
17	Dual Control of Antitumor CD8 T Cells through the Programmed Death-1/Programmed Death-Ligand 1 Pathway and Immunosuppressive CD4 T Cells: Regulation and Counterregulation. <i>Journal of Immunology</i> , 2009, 183, 7898-7908.	0.8	58
18	Alveolar Macrophages Bind and Phagocytose Allergen-Containing Pollen Starch Granules Via C-Type Lectin and Integrin Receptors: Implications for Airway Inflammatory Disease. <i>Journal of Immunology</i> , 2000, 164, 3878-3886.	0.8	55

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19	Responsiveness of human monocytes to the commensal bacterium <i>Staphylococcus epidermidis</i> develops late in gestation. <i>Pediatric Research</i> , 2012, 72, 10-18.	2.3	53
20	The phenotype and function of preterm infant monocytes: implications for susceptibility to infection. <i>Journal of Leukocyte Biology</i> , 2017, 102, 645-656.	3.3	53
21	Neonatal immune responses to coagulase-negative staphylococci. <i>Current Opinion in Infectious Diseases</i> , 2007, 20, 370-375.	3.1	51
22	Phagocytosis of neonatal pathogens by peripheral blood neutrophils and monocytes from newborn preterm and term infants. <i>Pediatric Research</i> , 2013, 74, 503-510.	2.3	46
23	Trivalent influenza vaccine and febrile adverse events in Australia, 2010: Clinical features and potential mechanisms. <i>Vaccine</i> , 2011, 29, 5107-5113.	3.8	43
24	Sepsis-Induced Immunosuppression in Neonates. <i>Frontiers in Pediatrics</i> , 2018, 6, 357.	1.9	43
25	Precision Medicine for Neonatal Sepsis. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 70.	3.5	43
26	IRAK-4 Mutation (Q293X): Rapid Detection and Characterization of Defective Post-Transcriptional TLR/IL-1R Responses in Human Myeloid and Non-Myeloid Cells. <i>Journal of Immunology</i> , 2006, 177, 8202-8211.	0.8	42
27	Prevalence of Toll-like receptor signalling defects in apparently healthy children who developed invasive pneumococcal infection. <i>Clinical Immunology</i> , 2007, 122, 271-278.	3.2	35
28	Exposure to chorioamnionitis alters the monocyte transcriptional response to the neonatal pathogen <i>Staphylococcus epidermidis</i> . <i>Immunology and Cell Biology</i> , 2018, 96, 792-804.	2.3	35
29	CD8 ⁺ DC are not the sole subset cross-presenting cell-associated tumor antigens from a solid tumor. <i>European Journal of Immunology</i> , 2010, 40, 1617-1627.	2.9	33
30	Effects of lactoferrin on neonatal pathogens and <i>Bifidobacterium breve</i> in human breast milk. <i>PLoS ONE</i> , 2018, 13, e0201819.	2.5	33
31	Antitumor Efficacy of the Novel Chemotherapeutic Agent Coramsine Is Potentiated by Cotreatment With CpG-Containing Oligodeoxynucleotides. <i>Journal of Immunotherapy</i> , 2006, 29, 134-142.	2.4	29
32	Method of bacterial killing differentially affects the human innate immune response to <i>Staphylococcus epidermidis</i> . <i>Innate Immunity</i> , 2011, 17, 508-516.	2.4	27
33	Human alkaline phosphatase dephosphorylates microbial products and is elevated in preterm neonates with a history of late-onset sepsis. <i>PLoS ONE</i> , 2017, 12, e0175936.	2.5	26
34	Exposure to the antimicrobial peptide LL-37 produces dendritic cells optimized for immunotherapy. <i>Oncolmmunology</i> , 2019, 8, 1608106.	4.6	25
35	Early and sustained <i>Lactobacillus plantarum</i> probiotic therapy in critical illness: the randomised, placebo-controlled, restoration of gut microflora in critical illness trial (ROCIT). <i>Intensive Care Medicine</i> , 2021, 47, 307-315.	8.2	22
36	Tumor cells, rather than dendritic cells, deliver antigen to the lymph node for cross-presentation. <i>Oncolmmunology</i> , 2012, 1, 840-846.	4.6	21

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37	Heat treatment and irradiation reduce anti-bacterial and immune-modulatory properties of bovine colostrum. <i>Journal of Functional Foods</i> , 2019, 57, 182-189.	3.4	21
38	The efficacy of tumor debulking surgery is improved by adjuvant immunotherapy using imiquimod and anti-CD40. <i>BMC Cancer</i> , 2014, 14, 969.	2.6	20
39	Vancomycin Is Protective in a Neonatal Mouse Model of <i>Staphylococcus epidermidis</i> -Potentiated Hypoxic-Ischemic Brain Injury. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	19
40	<i>Pseudomonas aeruginosa</i> : Role in the Pathogenesis of the CF Lung Lesion. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2003, 24, 671-680.	2.1	17
41	Agonistic Anti-CD40 Antibody Therapy is Effective Against Postoperative Cancer Recurrence and Metastasis in a Murine Tumor Model. <i>Journal of Immunotherapy</i> , 2013, 36, 365-372.	2.4	17
42	Whole blood transcriptional responses of very preterm infants during late-onset sepsis. <i>PLoS ONE</i> , 2020, 15, e0233841.	2.5	17
43	Loss of antigen cross-presentation after complete tumor resection is associated with the generation of protective tumor-specific CD8 ⁺ T-cell immunity. <i>Oncolmmunology</i> , 2012, 1, 1084-1094.	4.6	16
44	Restoration of defective cross-presentation in tumors by gemcitabine. <i>Oncolmmunology</i> , 2015, 4, e1005501.	4.6	16
45	Nitric oxide production by alveolar macrophages in response to house dust mite fecal pellets and the mite allergens, Der p 1 and Der p 2. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 112, 531-537.	2.9	15
46	Look Who's Talking: Host and Pathogen Drivers of <i>Staphylococcus epidermidis</i> Virulence in Neonatal Sepsis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 860.	4.1	15
47	NOD1 and NOD2 expression and function in very preterm infant mononuclear cells. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, e212-e218.	1.5	14
48	Differential post-transcriptional activation of human phagocytes by different <i>Pseudomonas aeruginosa</i> isolates. <i>Cellular Microbiology</i> , 2004, 6, 639-650.	2.1	13
49	Lamb survival, glutathione redox state and immune function of neonates and lambs from periparturient Merino ewes supplemented with rumen-protected methionine. <i>Archives of Animal Nutrition</i> , 2016, 70, 389-401.	1.8	13
50	Evidence of functional cell-mediated immune responses to nontypeable <i>Haemophilus influenzae</i> in otitis-prone children. <i>PLoS ONE</i> , 2018, 13, e0193962.	2.5	13
51	Plasma cytokine profiles in very preterm infants with late-onset sepsis. <i>PLoS ONE</i> , 2020, 15, e0232933.	2.5	13
52	Impaired Cytokine Responses to Live <i>Staphylococcus epidermidis</i> in Preterm Infants Precede Gram-positive, Late-onset Sepsis. <i>Clinical Infectious Diseases</i> , 2021, 72, 271-278.	5.8	13
53	A practical method for preparation of pneumococcal and nontypeable <i>Haemophilus influenzae</i> inocula that preserves viability and immunostimulatory activity. <i>BMC Research Notes</i> , 2013, 6, 522.	1.4	12
54	Probiotics and antimicrobial protein and peptide levels in preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 1747-1753.	1.5	12

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55	Maternal Chorioamnionitis and Postneonatal Respiratory Tract Infection in Ex-Preterm Infants. <i>Journal of Pediatrics</i> , 2017, 184, 62-67.e2.	1.8	11
56	Tâ€cell responses against rhinovirus species A and C in asthmatic and healthy children. <i>Immunity, Inflammation and Disease</i> , 2018, 6, 143-153.	2.7	11
57	Host stress physiology and <i>Trypanosoma haemaphysalis</i> infection influence innate immunity in the woylie (<i>Bettongia penicillata</i>). <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2016, 46, 32-39.	1.6	10
58	Identification of generic and pathogen-specific cord blood monocyte transcriptomes reveals a largely conserved response in preterm and term newborn infants. <i>Journal of Molecular Medicine</i> , 2018, 96, 147-157.	3.9	9
59	Molecular Methodologies for Improved Polymicrobial Sepsis Diagnosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4484.	4.1	9
60	The Western environment reduces innate immune cytokine production in Chinese immigrants. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1504-1507.e3.	2.9	8
61	High concentrations of middle ear antimicrobial peptides and proteins and proinflammatory cytokines are associated with detection of middle ear pathogens in children with recurrent acute otitis media. <i>PLoS ONE</i> , 2019, 14, e0227080.	2.5	8
62	Cyclic AMP in human preterm infant blood is associated with increased TLR-mediated production of acute-phase and anti-inflammatory cytokines in vitro. <i>Pediatric Research</i> , 2020, 88, 717-725.	2.3	8
63	Effect of exercise on acute postprandial glucose concentrations and interleukin-6 responses in sedentary and overweight males. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 1298-1306.	1.9	4
64	Human Infant Memory B Cell and CD4+ T Cell Responses to HibMenCY-TT Glyco-Conjugate Vaccine. <i>PLoS ONE</i> , 2015, 10, e0133126.	2.5	3
65	Topical Coconut Oil Contributes to Systemic Monolaurin Levels in Very Preterm Infants. <i>Neonatology</i> , 2019, 116, 299-301.	2.0	3
66	Lactoferrin Expression Is Not Associated with Late-Onset Sepsis in Very Preterm Infants. <i>Neonatology</i> , 2020, 117, 606-611.	2.0	3
67	Genetic diversity of Australian isolates of <i>Photobacterium damsela</i> subsp. <i>damsela</i> is associated with virulence to yellowtail kingfish (<i>Seriola lalandi</i>). <i>Aquaculture</i> , 2021, 538, 736552.	3.5	3
68	Editorial: Immunity in Compromised Newborns. <i>Frontiers in Immunology</i> , 2021, 12, 732332.	4.8	3
69	Chronic maternal infections during pregnancy. <i>Lancet Infectious Diseases</i> , The, 2012, 12, 747-748.	9.1	2
70	Study protocol for the safety and efficacy of probiotic therapy on days alive and out of hospital in adult ICU patients: the multicentre, randomised, placebo-controlled Restoration Of gut microflora in Critical Illness Trial (ROCIT). <i>BMJ Open</i> , 2020, 10, e035930.	1.9	2
71	Composition of early life leukocyte populations in preterm infants with and without late-onset sepsis. <i>PLoS ONE</i> , 2022, 17, e0264768.	2.5	2
72	Plasma secretory phospholipase A2 as an early marker for late-onset sepsis in preterm infantsâ€”a pilot study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 3011-3013.	1.5	1

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73	The impact of cytokine levels in young South African children with and without HIV-associated acute lower respiratory infections. <i>Journal of Medical Virology</i> , 2021, 93, 3647-3655.	5.0	1
74	Letting the CATHelicidin out of the bag, as a therapeutic modulator of the adaptive immune system. <i>Leukemia Research</i> , 2005, 29, 477-479.	0.8	0
75	Sleep Behavior in an Urban US Sample of School-Aged Children: A Critical Appraisal. <i>JAMA Pediatrics</i> , 2005, 159, 787.	3.0	0
76	Whole blood transcriptional responses of very preterm infants during late-onset sepsis. , 2020, 15, e0233841.		0
77	Whole blood transcriptional responses of very preterm infants during late-onset sepsis. , 2020, 15, e0233841.		0
78	Whole blood transcriptional responses of very preterm infants during late-onset sepsis. , 2020, 15, e0233841.		0
79	Whole blood transcriptional responses of very preterm infants during late-onset sepsis. , 2020, 15, e0233841.		0
80	Plasma cytokine profiles in very preterm infants with late-onset sepsis. , 2020, 15, e0232933.		0
81	Plasma cytokine profiles in very preterm infants with late-onset sepsis. , 2020, 15, e0232933.		0
82	Plasma cytokine profiles in very preterm infants with late-onset sepsis. , 2020, 15, e0232933.		0
83	Plasma cytokine profiles in very preterm infants with late-onset sepsis. , 2020, 15, e0232933.		0
84	Compression. , 0, , 208-221.		0
85	Probiotics and sepsis: separating the signal from the noise. <i>Intensive Care Medicine</i> , 2021, 47, 924-925.	8.2	0
86	Assessing the Activity of Antimicrobial Peptides Against Common Marine Bacteria Located in Rotifer (<i>Brachionus plicatilis</i>) Cultures. <i>Probiotics and Antimicrobial Proteins</i> , 0, , .	3.9	0