

James Duncan Kellner

List of Publications by Year in descending order

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107
papers

4,754
citations

109321

35
h-index

102487

66
g-index

108
all docs

108
docs citations

108
times ranked

5448
citing authors

#	ARTICLE	IF	CITATIONS
1	Restricting the use of antibiotics in food-producing animals and its associations with antibiotic resistance in food-producing animals and human beings: a systematic review and meta-analysis. <i>Lancet Planetary Health</i> , The, 2017, 1, e316-e327.	11.4	569
2	A new genetic subgroup of chronic granulomatous disease with autosomal recessive mutations in p40phox and selective defects in neutrophil NADPH oxidase activity. <i>Blood</i> , 2009, 114, 3309-3315.	1.4	368
3	Empirical Validation of Guidelines for the Management of Pharyngitis in Children and Adults. <i>JAMA - Journal of the American Medical Association</i> , 2004, 291, 1587.	7.4	312
4	Prevalence and Characterization of the Mechanisms of Macrolide, Lincosamide, and Streptogramin Resistance in Isolates of <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 2425-2426.	3.2	193
5	Association of <i>Ureaplasma urealyticum</i> colonization with chronic lung disease of prematurity: Results of a metaanalysis. <i>Journal of Pediatrics</i> , 1995, 127, 640-644.	1.8	186
6	Culture and molecular-based profiles show shifts in bacterial communities of the upper respiratory tract that occur with age. <i>ISME Journal</i> , 2015, 9, 1246-1259.	9.8	165
7	Changing Epidemiology of Invasive Pneumococcal Disease in Canada, 1998–2007: Update from the Calgary Area <i>Streptococcus pneumoniae</i> Research (CASPER) Study. <i>Clinical Infectious Diseases</i> , 2009, 49, 205-212.	5.8	161
8	Efficacy of Bronchodilator Therapy in Bronchiolitis. <i>JAMA Pediatrics</i> , 1996, 150, 1166.	3.0	144
9	Dramatic pain relief and resolution of bone inflammation following pamidronate in 9 pediatric patients with persistent chronic recurrent multifocal osteomyelitis (CRMO). <i>Pediatric Rheumatology</i> , 2009, 7, 2.	2.1	142
10	Antibiotic Prescribing for Canadian Preschool Children: Evidence of Overprescribing for Viral Respiratory Infections. <i>Clinical Infectious Diseases</i> , 1999, 29, 155-160.	5.8	140
11	The effectiveness of glucocorticoids in treating croup: meta-analysis. <i>BMJ: British Medical Journal</i> , 1999, 319, 595-600.	2.3	119
12	A Systematic Review on the Diagnosis of Pediatric Bacterial Pneumonia: When Gold Is Bronze. <i>PLoS ONE</i> , 2010, 5, e11989.	2.5	116
13	<i>Streptococcus pneumoniae</i> Carriage in Children Attending 59 Canadian Child Care Centers. <i>JAMA Pediatrics</i> , 1999, 153, 495.	3.0	102
14	The effect of routine vaccination on invasive pneumococcal infections in Canadian children, Immunization Monitoring Program, Active 2000–2007. <i>Vaccine</i> , 2010, 28, 2130-2136.	3.8	92
15	The use of <i>Streptococcus pneumoniae</i> nasopharyngeal isolates from healthy children to predict features of invasive disease. <i>Pediatric Infectious Disease Journal</i> , 1998, 17, 279-286.	2.0	89
16	Rotavirus gastroenteritis. <i>Advances in Therapy</i> , 2005, 22, 476-487.	2.9	73
17	Increased risk of invasive pneumococcal disease in haematological and solid-organ malignancies. <i>Epidemiology and Infection</i> , 2010, 138, 1804-1810.	2.1	72
18	Analgesia in Children with Sick Cell Crisis: Comparison of Intermittent Opioids Vs. Continuous Intravenous Infusion of Morphine and Placebo-Controlled Study of Oxygen Inhalation. <i>Pediatric Hematology and Oncology</i> , 1992, 9, 317-326.	0.8	69

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19	Progress in the prevention of pneumococcal infection. <i>Cmaj</i> , 2005, 173, 1149-1151.	2.0	66
20	Effects of Routine Infant Vaccination With the 7-Valent Pneumococcal Conjugate Vaccine on Nasopharyngeal Colonization With <i>Streptococcus pneumoniae</i> in Children in Calgary, Canada. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, 526-532.	2.0	65
21	Serotypes and antimicrobial susceptibilities of invasive <i>Streptococcus pneumoniae</i> pre- and post-seven valent pneumococcal conjugate vaccine introduction in Alberta, Canada, 2000–2006. <i>Vaccine</i> , 2009, 27, 3553-3560.	3.8	65
22	A Pharmacoeconomic Evaluation of 7-Valent Pneumococcal Conjugate Vaccine in Canada. <i>Clinical Infectious Diseases</i> , 2003, 36, 259-268.	5.8	52
23	Empyema associated with community-acquired pneumonia: A Pediatric Investigator's Collaborative Network on Infections in Canada (PICNIC) study. <i>BMC Infectious Diseases</i> , 2008, 8, 129.	2.9	52
24	Welders are at increased risk for invasive pneumococcal disease. <i>International Journal of Infectious Diseases</i> , 2010, 14, e796-e799.	3.3	52
25	Safety and Immunogenicity of a 13-valent Pneumococcal Conjugate Vaccine in Healthy Infants and Toddlers Given With Routine Pediatric Vaccinations in Canada. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 72-77.	2.0	48
26	Respiratory syncytial virus bronchiolitis. <i>Journal of the National Medical Association</i> , 2005, 97, 1708-13.	0.8	47
27	The superbugs: evolution, dissemination and fitness. <i>Current Opinion in Microbiology</i> , 1998, 1, 524-529.	5.1	46
28	Outcome of penicillin-nonsusceptible <i>Streptococcus pneumoniae</i> meningitis: a nested case-control study. <i>Pediatric Infectious Disease Journal</i> , 2002, 21, 903-909.	2.0	45
29	Suspected Peritonsillar Abscess in Children. <i>Pediatric Emergency Care</i> , 2007, 23, 431-438.	0.9	45
30	Ocular and Respiratory Symptoms Attributable to Inactivated Split Influenza Vaccine: Evidence from a Controlled Trial Involving Adults. <i>Clinical Infectious Diseases</i> , 2003, 36, 850-857.	5.8	43
31	Pharmacoeconomic evaluation of 10- and 13-valent pneumococcal conjugate vaccines. <i>Vaccine</i> , 2010, 28, 5485-5490.	3.8	43
32	Trends in Asymptomatic Nasopharyngeal Colonization With <i>Streptococcus pneumoniae</i> After Introduction of the 13-valent Pneumococcal Conjugate Vaccine in Calgary, Canada. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 724-730.	2.0	42
33	Enteropathogen detection in children with diarrhoea, or vomiting, or both, comparing rectal flocked swabs with stool specimens: an outpatient cohort study. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 662-669.	8.1	42
34	The Changing Burden of Pediatric Bloodstream Infections in Calgary, Canada, 2000–2006. <i>Pediatric Infectious Disease Journal</i> , 2009, 28, 114-117.	2.0	39
35	Community-Based Outbreaks in Vulnerable Populations of Invasive Infections Caused by <i>Streptococcus pneumoniae</i> Serotypes 5 and 8 in Calgary, Canada. <i>PLoS ONE</i> , 2011, 6, e28547.	2.5	38
36	Oxygen Therapy in Sickle Cell Disease. <i>Journal of Pediatric Hematology/Oncology</i> , 1992, 14, 222-228.	0.6	36

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37	Alberta Provincial Pediatric Enteric Infection Team (APETITE): epidemiology, emerging organisms, and economics. <i>BMC Pediatrics</i> , 2015, 15, 89.	1.7	35
38	<i>Staphylococcus aureus</i> bloodstream infections in children: A population-based assessment. <i>Paediatrics and Child Health</i> , 2011, 16, 276-280.	0.6	32
39	Comparison of different approaches to antibiotic restriction in food-producing animals: stratified results from a systematic review and meta-analysis. <i>BMJ Global Health</i> , 2019, 4, e001710.	4.7	32
40	Eradication of Invasive Pneumococcal Disease due to the Seven-valent Pneumococcal Conjugate Vaccine Serotypes in Calgary, Alberta. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, e169-e175.	2.0	31
41	Prevalence of antimicrobial resistance genes and its association with restricted antimicrobial use in food-producing animals: a systematic review and meta-analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 561-575.	3.0	30
42	Influence of Childhood Pneumococcal Conjugate Vaccines on Invasive Pneumococcal Disease in Adults With Underlying Comorbidities in Calgary, Alberta (2000-2013). <i>Clinical Infectious Diseases</i> , 2016, 62, 1521-1526.	5.8	27
43	Randomized, Double-Blind, Placebo-Controlled Trial to Assess the Rate of Recurrence of Oculorespiratory Syndrome Following Influenza Vaccination among Persons Previously Affected. <i>Clinical Infectious Diseases</i> , 2003, 37, 1059-1066.	5.8	24
44	Maternal perceptions of childhood vaccination: explanations of reasons for and against vaccination. <i>BMC Public Health</i> , 2019, 19, 49.	2.9	23
45	Group A β -hemolytic streptococcal pharyngitis in children. <i>Advances in Therapy</i> , 2004, 21, 277-287.	2.9	22
46	Changes in the Nature and Severity of Invasive Pneumococcal Disease in Children Before and After the Seven-valent and Thirteen-valent Pneumococcal Conjugate Vaccine Programs in Calgary, Canada. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, 22-27.	2.0	20
47	Homelessness in Adults With Invasive Pneumococcal Disease in Calgary, Canada. <i>Open Forum Infectious Diseases</i> , 2019, 6, .	0.9	19
48	Immunogenicity of 2 and 3 Doses of the Quadrivalent Human Papillomavirus Vaccine up to 120 Months Postvaccination: Follow-up of a Randomized Clinical Trial. <i>Clinical Infectious Diseases</i> , 2020, 71, 1022-1029.	5.8	19
49	Population-based, age-specific myringotomy with tympanostomy tube insertion rates in Calgary, Canada. <i>Pediatric Infectious Disease Journal</i> , 2002, 21, 348-350.	2.0	19
50	Factors Influencing Early and Late Mortality in Adults with Invasive Pneumococcal Disease in Calgary, Canada: A Prospective Surveillance Study. <i>PLoS ONE</i> , 2013, 8, e71924.	2.5	19
51	Microbiologic findings and risk factors for antimicrobial resistance at myringotomy for tympanostomy tube placement—a prospective study of 601 children in Toronto. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2002, 66, 227-242.	1.0	18
52	Update on the success of the pneumococcal conjugate vaccine. <i>Paediatrics and Child Health</i> , 2011, 16, 233-236.	0.6	18
53	A Novel Multiresistant <i>Streptococcus pneumoniae</i> Serogroup 19 Clone from Washington State Identified by Pulsed-Field Gel Electrophoresis and Restriction Fragment Length Patterns. <i>Journal of Clinical Microbiology</i> , 2000, 38, 1575-1580.	3.9	18
54	Genital infection with human papillomavirus in adolescents. <i>Advances in Therapy</i> , 2005, 22, 187-197.	2.9	17

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55	Safety and immunogenicity of 2010â€“2011 H1N12009-containing trivalent inactivated influenza vaccine in children 12â€“59 months of age previously given AS03-adjuvanted H1N12009 pandemic vaccine: A PHAC/CIHR Influenza Research Network (PCIRN) study. <i>Vaccine</i> , 2012, 30, 3389-3394.	3.8	15
56	Successful methodology for large-scale surveillance of severe events following influenza vaccination in Canada, 2011 and 2012. <i>Eurosurveillance</i> , 2015, 20, 21189.	7.0	15
57	Acute infectious conjunctivitis in childhood. <i>Paediatrics and Child Health</i> , 2001, 6, 329-335.	0.6	14
58	Beliefs and Behaviours of Parents Regarding Antibiotic Use by Children. <i>Canadian Journal of Infectious Diseases & Medical Microbiology</i> , 2001, 12, 93-97.	0.3	13
59	Clinical Features and Outcomes of Serotype 19A Invasive Pneumococcal Disease in Calgary, Alberta. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2014, 25, e71-e75.	1.9	13
60	Examination of unintended consequences of antibiotic use restrictions in food-producing animals: Sub-analysis of a systematic review. <i>One Health</i> , 2019, 7, 100095.	3.4	13
61	Drug-resistant <i>Streptococcus pneumoniae</i> infections: Clinical importance, drug treatment, and preventionâ†. <i>Seminars in Respiratory Infections</i> , 2001, 16, 186-195.	1.3	13
62	Predictors and Outcome of Admission for Invasive <i>Streptococcus pneumoniae</i> Infections at a Canadian Children's Hospital. <i>Clinical Infectious Diseases</i> , 1998, 27, 597-602.	5.8	12
63	Invasive <i>Streptococcus pneumoniae</i> Infection Causing Hemolytic Uremic Syndrome in Children: Two Recent Cases. <i>Canadian Journal of Infectious Diseases & Medical Microbiology</i> , 2003, 14, 339-343.	0.3	12
64	Timeliness and completeness of routine childhood vaccinations in children by two years of age in Alberta, Canada. <i>Canadian Journal of Public Health</i> , 2017, 108, e124-e128.	2.3	12
65	Barriers, supports, and effective interventions for uptake of human papillomavirus- and other vaccines within global and Canadian Indigenous peoples: a systematic review protocol. <i>Systematic Reviews</i> , 2018, 7, 40.	5.3	12
66	Superbugs: How they evolve and minimize the cost of resistance. <i>Current Infectious Disease Reports</i> , 1999, 1, 464-469.	3.0	11
67	Invasive Pneumococcal Infections in Canadian Children, 1998â€“2003 Implications for New Vaccination Programs. <i>Canadian Journal of Public Health</i> , 2007, 98, 111-115.	2.3	11
68	Pneumococcal Peritonitis: Still with Us and Likely to Increase in Importance. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2010, 21, e23-e27.	1.9	11
69	Rapid Online Identification of Adverse Events After Influenza Immunization in Children by PCIRNâ€™s National Ambulatory Network. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 1060-1064.	2.0	11
70	Empiric acyclovir for neonatal herpes simplex virus infection. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 1278-1282.	1.5	10
71	Changes in Invasive Pneumococcal Disease Caused by <i>Streptococcus pneumoniae</i> Serotype 1 following Introduction of PCV10 and PCV13: Findings from the PSERENADE Project. <i>Microorganisms</i> , 2021, 9, 696.	3.6	10
72	PCR and Culture Analysis of <i>Streptococcus pneumoniae</i> Nasopharyngeal Carriage in Healthy Children. <i>Microorganisms</i> , 2021, 9, 2116.	3.6	10

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73	Vaccine effectiveness of the 7-valent and 13-valent pneumococcal conjugate vaccines in Canada: An IMPACT study. <i>Vaccine</i> , 2022, 40, 2733-2740.	3.8	10
74	Acute sinusitis in children. <i>Journal of Pediatric Health Care</i> , 2004, 18, 72-76.	1.2	9
75	Whole-Genome Analysis of <i>Streptococcus pneumoniae</i> Serotype 4 Causing Outbreak of Invasive Pneumococcal Disease, Alberta, Canada. <i>Emerging Infectious Diseases</i> , 2021, 27, 1867-1875.	4.3	9
76	2017/18 and 2018/19 seasonal influenza vaccine safety surveillance, Canadian National Vaccine Safety (CANVAS) Network. <i>Eurosurveillance</i> , 2020, 25, .	7.0	9
77	The Canadian National Vaccine Safety Network: surveillance of adverse events following immunisation among individuals immunised with the COVID-19 vaccine, a cohort study in Canada. <i>BMJ Open</i> , 2022, 12, e051254.	1.9	9
78	Household Transmission of <i>Streptococcus pneumoniae</i> , Alberta, Canada. <i>Emerging Infectious Diseases</i> , 1999, 5, 154-158.	4.3	8
79	Evaluation of meningococcal serogroup C conjugate vaccine programs in Canadian children: Interim analysis. <i>Vaccine</i> , 2012, 30, 4023-4027.	3.8	8
80	Effectiveness of the standard and an alternative set of <i>Streptococcus pneumoniae</i> multi locus sequence typing primers. <i>BMC Microbiology</i> , 2014, 14, 143.	3.3	8
81	Hepatitis A: A preventable threat. <i>Advances in Therapy</i> , 2005, 22, 578-586.	2.9	7
82	Viral croup: a current perspective. <i>Journal of Pediatric Health Care</i> , 2004, 18, 297-301.	1.2	7
83	Tympanocentesis for the Management of Acute Otitis Media in Children. <i>JAMA Pediatrics</i> , 2004, 158, 962.	3.0	5
84	Antimicrobial Susceptibility of Invasive and Lower Respiratory Tract Isolates of <i>Streptococcus pneumoniae</i> , 1998 to 2007. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2009, 20, e139-e144.	1.9	5
85	Investigating the association of receipt of seasonal influenza vaccine with occurrence of anesthesia/paresthesia and severe headaches, Canada 2012/13â€“2016/17, the Canadian Vaccine Safety Network. <i>Vaccine</i> , 2020, 38, 3582-3590.	3.8	5
86	Population-based incidence of invasive pneumococcal disease in children and adults in Ontario and British Columbia, 2002â€“2018: A Canadian Immunization Research Network (CIRN) study. <i>Vaccine</i> , 2021, 39, 7545-7553.	3.8	5
87	Community-Acquired Pneumonia in Children: A Multidisciplinary Consensus Review. <i>Canadian Journal of Infectious Diseases & Medical Microbiology</i> , 2003, 14, 3B-11B.	0.3	4
88	Time to reconsider routine high-dose amoxicillin for community-acquired pneumonia in all Canadian children. <i>Paediatrics and Child Health</i> , 2016, 21, 65-66.	0.6	4
89	Social paediatrics: From 'lip service' to the health and well-being of Canada's children and youth. <i>Paediatrics and Child Health</i> , 2013, 18, 351-2.	0.6	4
90	Prevnar 7 Childhood Immunization Program and Serotype Replacement: Changes in Pneumococcal Incidence and Resulting Impact on Health Care Costs in Alberta (2003â€“2008). <i>Drugs - Real World Outcomes</i> , 2015, 2, 153-161.	1.6	3

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91	Pneumococcal Serotypes in the Elderly. <i>Clinical Infectious Diseases</i> , 2005, 41, 488-489.	5.8	2
92	The Challenge of Reducing Invasive Pneumococcal Disease in Indigenous Indian Populations. <i>Clinical Infectious Diseases</i> , 2010, 50, 1247-1248.	5.8	2
93	Chickenpox: An update. <i>Journal of Pediatric Infectious Diseases</i> , 2015, 04, 343-350.	0.2	2
94	Impact of combination MMRV vaccine on first-dose coverage for measles and varicella: a population-based study. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2022, 30, 1063-1068.	1.6	2
95	Response to <i>Pseudomonas aeruginosa</i> pre-septal cellulitis and bacteremia in a pediatric oncology patient. <i>Pediatric Blood and Cancer</i> , 2005, 45, 354-354.	1.5	1
96	<i>Streptococcus pneumoniae</i> meningitis in Alberta pre- and postintroduction of the 7-valent pneumococcal conjugate vaccine. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2011, 22, 137-141.	1.9	1
97	Do Dose Numbers Matter?. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 1242-1246.	2.0	1
98	Protecting Canada's children from the consequences of the fourth wave of the COVID-19 pandemic. <i>Cmaj</i> , 2021, 193, E1500-E1502.	2.0	1
99	Response to 'Benefits of glucocorticoids in the treatment of bacterial meningitis in children: End of the controversy?'. <i>Paediatrics and Child Health</i> , 2006, 11, 31-2.	0.6	1
100	Corticosteroids for suspected bacterial meningitis in children - Status in 2005. <i>Paediatrics and Child Health</i> , 2005, 10, 107-8.	0.6	1
101	Navigating the stages of an academic career for paediatricians. <i>Paediatrics and Child Health</i> , 2012, 17, 301-3.	0.6	1
102	Management of bacterial meningitis in children: Controversies in the management of bacterial meningitis. <i>Paediatrics and Child Health</i> , 2002, 7, 447-448.	0.6	0
103	Management of fever without source in children: Changing times. <i>Paediatrics and Child Health</i> , 2003, 8, 74-75.	0.6	0
104	An Infant with Central Nervous System Complications of Disseminated Tuberculosis. <i>Canadian Journal of Neurological Sciences</i> , 2005, 32, 112-114.	0.5	0
105	Regrettable lack of definition of the "well tolerated" vaccine. <i>Vaccine</i> , 2010, 28, 3755-3756.	3.8	0
106	Who Benefits, and How Much? Indirect Effects of Childhood Pneumococcal Vaccination in Adults at Increased Risk of Pneumococcal Disease. <i>Clinical Infectious Diseases</i> , 2019, 68, 1374-1375.	5.8	0
107	Antibiotic choices by paediatric residents and recently graduated paediatricians for typical infectious disease problems in children. <i>Paediatrics and Child Health</i> , 2006, 11, 647-53.	0.6	0