

# Kevin J Downes

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

1,391  
citations

448610

19  
h-index

425179

34  
g-index

76  
all docs

76  
docs citations

76  
times ranked

2051  
citing authors

#	ARTICLE	IF	CITATIONS
1	Return to School and COVID-19 Vaccination for Pediatric Solid Organ Transplant Recipients in the United States: Expert Opinion for 2021-2022. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2022, 11, 43-54.	0.6	7
2	CMV infection and management among pediatric solid organ transplant recipients. <i>Pediatric Transplantation</i> , 2022, 26, e14220.	0.5	8
3	Live virus vaccination following pediatric liver transplantation: Outcomes from two academic children's hospitals. <i>American Journal of Transplantation</i> , 2022, 22, 1201-1212.	2.6	8
4	Updated Guidance on Use and Prioritization of Monoclonal Antibody Therapy for Treatment of COVID-19 in Adolescents. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2022, 11, 177-185.	0.6	23
5	A Pharmacokinetic Analysis of Tobramycin in Patients Less than Five Years of Age with Cystic Fibrosis: Assessment of Target Attainment with Extended-Interval Dosing through Simulation. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, , e0237721.	1.4	0
6	Clinical Pharmacokinetics and Pharmacodynamics of Cefepime. <i>Clinical Pharmacokinetics</i> , 2022, 61, 929-953.	1.6	25
7	Multicenter Interim Guidance on Use of Antivirals for Children With Coronavirus Disease 2019/Severe Acute Respiratory Syndrome Coronavirus 2. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, 10, 34-48.	0.6	85
8	Too Much of a Good Thing: Defining Antimicrobial Therapeutic Targets to Minimize Toxicity. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 905-917.	2.3	7
9	The case for precision dosing: medical conservatism does not justify inaction. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1661-1665.	1.3	7
10	Estimating renal function for drug dosing in critically ill patients with persistent inflammation, immunosuppression and catabolism syndrome. <i>Internal and Emergency Medicine</i> , 2021, 16, 1751-1753.	1.0	0
11	Precision dosing of vancomycin: in defence of AUC-guided therapy in children. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2494-2497.	1.3	3
12	American College of Rheumatology Guidance for the Management of Pediatric Rheumatic Disease During the COVID-19 Pandemic: Version 2. <i>Arthritis and Rheumatology</i> , 2021, 73, e46-e59.	2.9	9
13	Procalcitonin in Pediatric Sepsis: What Is It Good for?. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, 10, 1108-1110.	0.6	2
14	Initial Guidance on Use of Monoclonal Antibody Therapy for Treatment of Coronavirus Disease 2019 in Children and Adolescents. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, 10, 629-634.	0.6	55
15	1104. Comparison of Antibiotic Sampling Techniques: Predicting Plasma Vancomycin Concentrations Using Volumetric Absorptive Microsampling (VAMS) from Capillary and Venous/Arterial Whole Blood. <i>Open Forum Infectious Diseases</i> , 2021, 8, S643-S644.	0.4	0
16	64. Novel Biomarkers Improve Estimation of Vancomycin Clearance in Critically Ill Children. <i>Open Forum Infectious Diseases</i> , 2021, 8, S43-S44.	0.4	0
17	Implementation of a Pragmatic Biomarker-Driven Algorithm to Guide Antibiotic Use in the Pediatric Intensive Care Unit: the Optimizing Antibiotic Strategies in Sepsis (OASIS) II Study. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020, 9, 36-43.	0.6	15
18	Mechanisms of antimicrobial-induced nephrotoxicity in children. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1-13.	1.3	57

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19	Development and validation of a volumetric absorptive microsampling- liquid chromatography mass spectrometry method for the analysis of cefepime in human whole blood: Application to pediatric pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 113002.	1.4	21
20	Return to School for Pediatric Solid Organ Transplant Recipients in the United States During the Coronavirus Disease 2019 Pandemic: Expert Opinion on Key Considerations and Best Practices. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020, 9, 551-563.	0.6	17
21	American College of Rheumatology Guidance for the Management of Pediatric Rheumatic Disease During the COVID-19 Pandemic: Version 1. <i>Arthritis and Rheumatology</i> , 2020, 72, 1809-1819.	2.9	27
22	Multi-omic Analysis of the Interaction between <i>Clostridioides difficile</i> Infection and Pediatric Inflammatory Bowel Disease. <i>Cell Host and Microbe</i> , 2020, 28, 422-433.e7.	5.1	45
23	Utility of Procalcitonin as a Biomarker for Sepsis in Children. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	36
24	Acute Kidney Injury During Treatment with Intravenous Acyclovir for Suspected or Confirmed Neonatal Herpes Simplex Virus Infection. <i>Journal of Pediatrics</i> , 2020, 219, 126-132.e2.	0.9	15
25	Administration and Dosing of Systemic Antifungal Agents in Pediatric Patients. <i>Paediatric Drugs</i> , 2020, 22, 165-188.	1.3	18
26	Lack of synergistic nephrotoxicity between vancomycin and piperacillin/tazobactam in a rat model and a confirmatory cellular model. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1228-1236.	1.3	43
27	Vancomycin-Induced Kidney Injury: Animal Models of Toxicodynamics, Mechanisms of Injury, Human Translation, and Potential Strategies for Prevention. <i>Pharmacotherapy</i> , 2020, 40, 438-454.	1.2	51
28	Use of normalized prediction distribution errors for assessing population physiologically-based pharmacokinetic model adequacy. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2020, 47, 199-218.	0.8	6
29	Multicenter Initial Guidance on Use of Antivirals for Children With Coronavirus Disease 2019/Severe Acute Respiratory Syndrome Coronavirus 2. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020, 9, 701-715.	0.6	130
30	Effect of Cystatin C on Vancomycin Clearance Estimation in Critically Ill Children Using a Population Pharmacokinetic Modeling Approach. <i>Therapeutic Drug Monitoring</i> , 2020, 42, 848-855.	1.0	3
31	Microsampling Assays for Pharmacokinetic Analysis and Therapeutic Drug Monitoring of Antimicrobial Drugs in Children. <i>Therapeutic Drug Monitoring</i> , 2020, Publish Ahead of Print, 335-345.	1.0	11
32	A whole blood microsampling assay for vancomycin: development, validation and application for pediatric clinical study. <i>Bioanalysis</i> , 2020, 12, 1295-1310.	0.6	10
33	572. Antiviral Toxicities Among Pediatric Solid Organ Transplant Recipients. <i>Open Forum Infectious Diseases</i> , 2020, 7, S351-S351.	0.4	0
34	639. Short Course Therapy for Urinary Tract Infections (SCOUT) in Children. <i>Open Forum Infectious Diseases</i> , 2020, 7, S380-S380.	0.4	7
35	1396. Live Virus Vaccination Following Pediatric Liver Transplantation: Results from Two Academic Children's Hospitals. <i>Open Forum Infectious Diseases</i> , 2020, 7, S707-S708.	0.4	0
36	Creation of a Multicenter Pediatric Inpatient Data Repository Derived from Electronic Health Records. <i>Applied Clinical Informatics</i> , 2019, 10, 307-315.	0.8	11

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37	Major Adverse Kidney Events in Pediatric Sepsis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 664-672.	2.2	21
38	Comparative Performance of Urinary Biomarkers for Vancomycin-Induced Kidney Injury According to Timeline of Injury. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	46
39	Vancomycin Prescribing and Therapeutic Drug Monitoring in Children With and Without Acute Kidney Injury After Cardiac Arrest. <i>Paediatric Drugs</i> , 2019, 21, 107-112.	1.3	8
40	1335. A Translational Nephrotoxicity Model to Probe Acute Kidney Injury with Vancomycin and Piperacillin/Tazobactam. <i>Open Forum Infectious Diseases</i> , 2019, 6, S483-S483.	0.4	0
41	Posaconazole Administration in Hospitalized Children in the United States. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019, 8, 481-484.	0.6	5
42	The use of echinocandins in hospitalized children in the United States. <i>Medical Mycology</i> , 2019, 57, 534-541.	0.3	5
43	Clinical Features and Outcomes of Children with Culture-Negative Septic Arthritis. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019, 8, 228-234.	0.6	26
44	The Cost of Vancomycin and Piperacillin/Tazobactam Treatment—Reply. <i>JAMA Pediatrics</i> , 2018, 172, 494.	3.3	2
45	1402. Cystatin C Improves Estimation of Vancomycin Clearance in Critically Ill Children Using a Population Pharmacokinetic Modeling Approach. <i>Open Forum Infectious Diseases</i> , 2018, 5, S431-S432.	0.4	1
46	609. Acute Kidney Injury During Treatment with Intravenous Acyclovir (AKITA) for Suspected Neonatal Herpes Simplex Virus Infection. <i>Open Forum Infectious Diseases</i> , 2018, 5, S222-S222.	0.4	0
47	Continuous-Infusion Vancomycin—Teaching an Old Dog New Tricks?. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2018, 7, e128-e130.	0.6	1
48	Liquid Chromatography-Tandem Mass Spectrometry Assays for Therapeutic Drug Monitoring of Cefepime. <i>Journal of Applied Bioanalysis</i> , 2018, 4, 144-156.	0.2	1
49	A Pragmatic Biomarker-Driven Algorithm to Guide Antibiotic Use in the Pediatric Intensive Care Unit: The Optimizing Antibiotic Strategies in Sepsis (OASIS) Study. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2017, 6, pii023.	0.6	16
50	Association of Acute Kidney Injury With Concomitant Vancomycin and Piperacillin/Tazobactam Treatment Among Hospitalized Children. <i>JAMA Pediatrics</i> , 2017, 171, e173219.	3.3	72
51	Urinary kidney injury biomarkers and tobramycin clearance among children and young adults with cystic fibrosis: a population pharmacokinetic analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 254-260.	1.3	14
52	Culture-Negative Septic Arthritis in Children. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	0
53	Antibiotic-Associated Acute Kidney Injury in Hospitalized Children. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.4	0
54	Non-typeable <i>Haemophilus influenzae</i> purulent pericarditis in a child with cystic fibrosis. <i>Pediatrics International</i> , 2016, 58, 607-609.	0.2	1

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55	Increased Vancomycin Exposure and Nephrotoxicity in Children: Therapeutic Does Not Mean Safe. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2016, 5, 65-67.	0.6	3
56	Biomarkers for Kidney Injury in Cystic Fibrosis. , 2016, , 689-718.		1
57	Biomarkers for Kidney Injury in Cystic Fibrosis. , 2015, , 1-30.		0
58	Revisiting the History: Hypereosinophilia in a 4-Year-Old With Purpura. <i>Hospital Pediatrics</i> , 2015, 5, 399-402.	0.6	1
59	Risk factors for acute kidney injury during aminoglycoside therapy in patients with cystic fibrosis. <i>Pediatric Nephrology</i> , 2015, 30, 1879-1888.	0.9	22
60	399Urinary NGAL is Elevated in Hospitalized Cystic Fibrosis Patients with Increased Tobramycin Exposure. <i>Open Forum Infectious Diseases</i> , 2014, 1, S1-S65.	0.4	0
61	Dose optimisation of antibiotics in children: application of pharmacokinetics/pharmacodynamics in paediatrics. <i>International Journal of Antimicrobial Agents</i> , 2014, 43, 223-230.	1.1	63
62	Daily serum creatinine monitoring promotes earlier detection of acute kidney injury in children and adolescents with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2014, 13, 435-441.	0.3	30
63	Guidelines for Management of Children With Fever and Neutropenia. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2013, 2, 281-285.	0.6	6
64	<i>Clostridium difficile</i> Infection. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2013, 2, 83-86.	0.6	0
65	Symptoms and Time to Medical Care in Children With Accidental Extremity Fractures. <i>Pediatrics</i> , 2012, 129, e128-e133.	1.0	19
66	The Pediatric Infectious Diseases Society Annual Awards, 2012. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2012, 1, 171-178.	0.6	3
67	Biomarkers in Infectious Diseases. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2012, 1, 343-346.	0.6	2
68	Fever and Upper Back Pain in a 15-year-old Boy. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 881.	1.1	0
69	Practice Variation in Screening for Sexually Transmitted Infections with Nucleic Acid Amplification Tests During Prepubertal Sexual Abuse Evaluations. <i>Journal of Pediatric and Adolescent Gynecology</i> , 2009, 22, 292-299.	0.3	5
70	Polymicrobial Bloodstream Infections among Children and Adolescents with Central Venous Catheters Evaluated in Ambulatory Care. <i>Clinical Infectious Diseases</i> , 2008, 46, 387-394.	2.9	47
71	Impact of Kinship Care on Behavioral Well-being for Children in Out-of-Home Care. <i>JAMA Pediatrics</i> , 2008, 162, 550.	3.6	156
72	How Long Does It Take to "Rule Out" Bacteremia in Children With Central Venous Catheters?. <i>Pediatrics</i> , 2008, 121, 135-141.	1.0	49