

Chris Stockmann

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

3,727
citations

159358

30
h-index

143772

57
g-index

97
all docs

97
docs citations

97
times ranked

5346
citing authors

#	ARTICLE	IF	CITATIONS
1	Community-Acquired Pneumonia Requiring Hospitalization among U.S. Children. <i>New England Journal of Medicine</i> , 2015, 372, 835-845.	13.9	1,235
2	Community Surveillance of Respiratory Viruses Among Families in the Utah Better Identification of Germs-Longitudinal Viral Epidemiology (BIG-LoVE) Study. <i>Clinical Infectious Diseases</i> , 2015, 61, 1217-1224.	2.9	193
3	Taxonomer: an interactive metagenomics analysis portal for universal pathogen detection and host mRNA expression profiling. <i>Genome Biology</i> , 2016, 17, 111.	3.8	152
4	Procalcitonin Accurately Identifies Hospitalized Children With Low Risk of Bacterial Community-Acquired Pneumonia. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2018, 7, 46-53.	0.6	89
5	Seasonality of Acute Otitis Media and the Role of Respiratory Viral Activity in Children. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, 314-319.	1.1	62
6	A National Study of the Impact of Rapid Influenza Testing on Clinical Care in the Emergency Department. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2014, 3, 112-118.	0.6	62
7	Predictive Performance of a Vancomycin Population Pharmacokinetic Model in Neonates. <i>Infectious Diseases and Therapy</i> , 2015, 4, 187-198.	1.8	55
8	Evolving Epidemiologic Characteristics of Invasive Group A Streptococcal Disease in Utah, 2002-2010. <i>Clinical Infectious Diseases</i> , 2012, 55, 479-487.	2.9	54
9	Optimization of anti-pseudomonal antibiotics for cystic fibrosis pulmonary exacerbations: V. Aminoglycosides. <i>Pediatric Pulmonology</i> , 2013, 48, 1047-1061.	1.0	51
10	Fluticasone Propionate Pharmacogenetics: CYP3A4*22 Polymorphism and Pediatric Asthma Control. <i>Journal of Pediatrics</i> , 2013, 162, 1222-1227.e2.	0.9	50
11	Economic Analysis of Rapid and Sensitive Polymerase Chain Reaction Testing in the Emergency Department for Influenza Infections in Children. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 577-582.	1.1	50
12	Pneumococcal Meningitis in Children: Epidemiology, Serotypes, and Outcomes From 1997-2010 in Utah. <i>Pediatrics</i> , 2013, 132, 421-428.	1.0	47
13	Use of Methylxanthine Therapies for the Treatment and Prevention of Apnea of Prematurity. <i>Paediatric Drugs</i> , 2014, 16, 169-177.	1.3	47
14	Optimization of anti-pseudomonal antibiotics for cystic fibrosis pulmonary exacerbations: II. cephalosporins and penicillins. <i>Pediatric Pulmonology</i> , 2013, 48, 107-122.	1.0	46
15	Pregnancy-induced changes in the pharmacokinetics of caffeine and its metabolites. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 590-596.	1.0	45
16	The Changing Epidemiology of Invasive Pneumococcal Disease at a Tertiary Children's Hospital Through the 7-valent Pneumococcal Conjugate Vaccine Era. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 228-234.	1.1	44
17	Activation of Transient Receptor Potential Ankyrin-1 by Insoluble Particulate Material and Association with Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 893-901.	1.4	43
18	Darbepoetin administration to neonates undergoing cooling for encephalopathy: a safety and pharmacokinetic trial. <i>Pediatric Research</i> , 2015, 78, 315-322.	1.1	42

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19	Population Pharmacokinetics of Intravenous Paracetamol (Acetaminophen) in Preterm and Term Neonates: Model Development and External Evaluation. <i>Clinical Pharmacokinetics</i> , 2016, 55, 107-119.	1.6	42
20	Epidemiology of Methicillin-Resistant <i>Staphylococcus aureus</i> Bacteremia in Children. <i>Pediatrics</i> , 2017, 139, .	1.0	42
21	Population Pharmacokinetics of Intermittent Vancomycin in Children with Cystic Fibrosis. <i>Pharmacotherapy</i> , 2013, 33, 1288-1296.	1.2	41
22	Reactive Intermediates Produced from the Metabolism of the Vanilloid Ring of Capsaicinoids by P450 Enzymes. <i>Chemical Research in Toxicology</i> , 2013, 26, 55-66.	1.7	38
23	Pharmacokinetics and Pharmacodynamics of Antifungals in Children and their Clinical Implications. <i>Clinical Pharmacokinetics</i> , 2014, 53, 429-454.	1.6	37
24	Pharmacokinetics and Pharmacodynamics of Antibacterials, Antifungals, and Antivirals Used Most Frequently in Neonates and Infants. <i>Clinical Pharmacokinetics</i> , 2014, 53, 581-610.	1.6	37
25	Neonatal Maturation of Paracetamol (Acetaminophen) Glucuronidation, Sulfation, and Oxidation Based on a Parentâ€™ Metabolite Population Pharmacokinetic Model. <i>Clinical Pharmacokinetics</i> , 2016, 55, 1395-1411.	1.6	37
26	Detection of 23 Gastrointestinal Pathogens Among Children Who Present With Diarrhea. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2017, 6, piw020.	0.6	36
27	Optimization of antiâ€™pseudomonal antibiotics for cystic fibrosis pulmonary exacerbations: I. aztreonam and carbapenems. <i>Pediatric Pulmonology</i> , 2012, 47, 1147-1158.	1.0	35
28	Individualized Empiric Vancomycin Dosing in Neonates Using a Model-Based Approach. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019, 8, 97-104.	0.6	34
29	Optimization of antiâ€™pseudomonal antibiotics for cystic fibrosis pulmonary exacerbations: III. fluoroquinolones. <i>Pediatric Pulmonology</i> , 2013, 48, 211-220.	1.0	32
30	Clinical pharmacokinetics and pharmacodynamics of ganciclovir and valganciclovir in children with cytomegalovirus infection. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 205-219.	1.5	32
31	A propensity-matched cohort study of vancomycin-associated nephrotoxicity in neonates. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016, 101, F236-F243.	1.4	32
32	Considerations in the Pharmacologic Treatment and Prevention of Neonatal Sepsis. <i>Paediatric Drugs</i> , 2014, 16, 67-81.	1.3	31
33	Characterization of Transient Receptor Potential Vanilloid-1 (TRPV1) Variant Activation by Coal Fly Ash Particles and Associations with Altered Transient Receptor Potential Ankyrin-1 (TRPA1) Expression and Asthma. <i>Journal of Biological Chemistry</i> , 2016, 291, 24866-24879.	1.6	31
34	Incidence, Morbidity, and Costs of Human Metapneumovirus Infection in Hospitalized Children. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2016, 5, 303-311.	0.6	31
35	Optimization of antiâ€™pseudomonal antibiotics for cystic fibrosis pulmonary exacerbations: VI. Executive summary. <i>Pediatric Pulmonology</i> , 2013, 48, 525-537.	1.0	27
36	Invasive Pneumococcal Disease in Infants Younger Than 90 Days Before and After Introduction of PCV7. <i>Pediatrics</i> , 2013, 132, e17-e24.	1.0	27

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37	Determination of Optimal Amikacin Dosing Regimens for Pediatric Patients With Burn Wound Sepsis. <i>Journal of Burn Care and Research</i> , 2015, 36, e244-e252.	0.2	27
38	Impact of Antimicrobial Stewardship for Pediatric Outpatient Parenteral Antibiotic Therapy. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2018, 7, e34-e36.	0.6	27
39	Development of levofloxacin inhalation solution to treat <i>Pseudomonas aeruginosa</i> in patients with cystic fibrosis. <i>Therapeutic Advances in Respiratory Disease</i> , 2014, 8, 13-21.	1.0	25
40	Amikacin population pharmacokinetics among paediatric burn patients. <i>Burns</i> , 2014, 40, 311-318.	1.1	25
41	Optimal design in pediatric pharmacokinetic and pharmacodynamic clinical studies. <i>Paediatric Anaesthesia</i> , 2015, 25, 222-230.	0.6	25
42	Pharmacokinetic and pharmacodynamic optimisation of intravenous tobramycin dosing among children with cystic fibrosis. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2014, 41, 71-79.	0.8	23
43	Use of quantitative 16S rRNA PCR to determine bacterial load does not augment conventional cerebrospinal fluid (CSF) cultures among children undergoing treatment for CSF shunt infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 78, 188-195.	0.8	23
44	National Trends in the Incidence, Outcomes and Charges of Pediatric Osteoarticular Infections, 1997-2012. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 672-674.	1.1	23
45	Outpatient Parenteral Antimicrobial Therapy in Pediatrics: An Opportunity to Expand Antimicrobial Stewardship. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 222-224.	1.0	23
46	Evaluation of Vancomycin Use in Late-Onset Neonatal Sepsis Using the Area Under the Concentration-Time Curve to the Minimum Inhibitory Concentration ≥ 400 Target. <i>Therapeutic Drug Monitoring</i> , 2015, 37, 756-765.	1.0	21
47	Pharmacokinetics of Budesonide Administered with Surfactant in Premature Lambs: Implications for Neonatal Clinical Trials. <i>Current Clinical Pharmacology</i> , 2016, 11, 53-61.	0.2	21
48	Clinical Pharmacokinetics of Inhaled Antimicrobials. <i>Clinical Pharmacokinetics</i> , 2015, 54, 473-492.	1.6	20
49	Comparative Effectiveness of Oral Versus Outpatient Parenteral Antibiotic Therapy for Empyema. <i>Hospital Pediatrics</i> , 2015, 5, 605-612.	0.6	20
50	Levofloxacin inhalation solution for the treatment of chronic <i>Pseudomonas aeruginosa</i> infection among patients with cystic fibrosis. <i>Expert Review of Respiratory Medicine</i> , 2015, 9, 13-22.	1.0	20
51	Pharmacodynamic studies of voriconazole: informing the clinical management of invasive fungal infections. <i>Expert Review of Anti-Infective Therapy</i> , 2016, 14, 731-746.	2.0	20
52	Ventilator-Associated Pneumonia in Pediatric Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 832-839.	1.7	20
53	Clinical and Epidemiological Evidence of the Red Queen Hypothesis in Pneumococcal Serotype Dynamics. <i>Clinical Infectious Diseases</i> , 2016, 63, 619-626.	2.9	19
54	Pediatric vancomycin dosing: Trends over time and the impact of therapeutic drug monitoring. <i>Journal of Clinical Pharmacology</i> , 2015, 55, 212-220.	1.0	18

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55	Cerebrospinal Fluid Pleocytosis in Febrile Infants 1â€“90 Days With Urinary Tract Infection. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, 1024-1026.	1.1	17
56	Characteristics and publication patterns of obstetric studies registered in ClinicalTrials.gov. <i>Journal of Clinical Pharmacology</i> , 2014, 54, 432-437.	1.0	17
57	Early <i>Streptococcus pneumoniae</i> serotype changes in Utah adults after the introduction of PCV13 in children. <i>Vaccine</i> , 2016, 34, 474-478.	1.7	17
58	Bioequivalence and Bioavailability Clinical Trials: A Status Report from the National Institutes of Health ClinicalTrials.gov Registry. <i>Journal of Bioequivalence & Bioavailability</i> , 2013, 05, 244-247.	0.1	16
59	Optimization of anti- <i>Pseudomonas</i> antibiotics for cystic fibrosis pulmonary exacerbations: IV. colistimethate sodium. <i>Pediatric Pulmonology</i> , 2013, 48, 1-7.	1.0	15
60	Maternal Magnesium Sulphate Exposure Predicts Neonatal Magnesium Blood Concentrations. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2014, 114, 318-322.	1.2	15
61	A Retrospective Study of the Impact of Rapid Diagnostic Testing on Time to Pathogen Identification and Antibiotic Use for Children with Positive Blood Cultures. <i>Infectious Diseases and Therapy</i> , 2016, 5, 555-570.	1.8	15
62	An Evaluation of Vancomycin Area Under the Curve Estimation Methods for Children Treated for Acute Pulmonary Exacerbations of Cystic Fibrosis Due to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Clinical Pharmacology</i> , 2019, 59, 198-205.	1.0	15
63	Evolution of the Epidemiology of Pneumococcal Disease Among Utah Children Through the Vaccine Era. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, 1100-1103.	1.1	14
64	Therapeutic Drug Monitoring of Ganciclovir Treatment for Cytomegalovirus Infections Among Immunocompromised Children. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2016, 5, 231-232.	0.6	14
65	Inhaled Remimazolam Potentiates Inhaled Remifentanyl in Rodents. <i>Anesthesia and Analgesia</i> , 2017, 124, 1484-1490.	1.1	14
66	Population Pharmacokinetic and Pharmacodynamic Modeling of High-Dose Intermittent Ticarcillin-Clavulanate Administration in Pediatric Cystic Fibrosis Patients. <i>Clinical Therapeutics</i> , 2011, 33, 1844-1850.	1.1	12
67	Vancomycin pharmacokinetic models: informing the clinical management of drug-resistant bacterial infections. <i>Expert Review of Anti-Infective Therapy</i> , 2014, 12, 1371-1388.	2.0	12
68	Effect of CYP3A5*3 on asthma control among children treated with inhaled beclomethasone. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 505-507.	1.5	12
69	Limited and Variable Use of Antivirals for Children Hospitalized With Influenza. <i>JAMA Pediatrics</i> , 2017, 171, 299.	3.3	12
70	Predicting tacrolimus concentrations in children receiving a heart transplant using a population pharmacokinetic model. <i>BMJ Paediatrics Open</i> , 2017, 1, e000147.	0.6	11
71	Transmission of rhinovirus in the Utah BIG-LoVE families: Consequences of age and household structure. <i>PLoS ONE</i> , 2018, 13, e0199388.	1.1	11
72	Development of an optimal sampling schedule for children receiving ketamine for short-term procedural sedation and analgesia. <i>Paediatric Anaesthesia</i> , 2015, 25, 211-216.	0.6	8

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73	Inhaled Remifentanyl in Rodents. <i>Anesthesia and Analgesia</i> , 2016, 122, 1831-1838.	1.1	8
74	Renal Function Descriptors in Neonates: Which Creatinine-Based Formula Best Describes Vancomycin Clearance?. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 528-540.	1.0	8
75	Characteristics of antimicrobial studies registered in the USA through ClinicalTrials.Gov. <i>International Journal of Antimicrobial Agents</i> , 2013, 42, 161-166.	1.1	7
76	Population Pharmacokinetics of Darbepoetin Alfa in Conjunction with Hypothermia for the Treatment of Neonatal Hypoxic-Ischemic Encephalopathy. <i>Clinical Pharmacokinetics</i> , 2015, 54, 1237-1244.	1.6	7
77	Rate of asthma trial outcomes reporting on ClinicalTrials.gov and in the published literature. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1443-1446.	1.5	6
78	Preliminary Assessment of Zolpidem Pharmacokinetics in Pediatric Burn Patients. <i>Therapeutic Drug Monitoring</i> , 2014, 36, 295-301.	1.0	6
79	Intrapartum Magnesium Sulfate and the Potential for Cardiopulmonary Drug-Drug Interactions. <i>Therapeutic Drug Monitoring</i> , 2014, 36, 544-548.	1.0	6
80	Evolution of interventional vancomycin trials in light of new antibiotic development in the USA, 1999-2012. <i>International Journal of Antimicrobial Agents</i> , 2014, 43, 215-222.	1.1	6
81	Relationship Between Zolpidem Concentrations and Sleep Parameters in Pediatric Burn Patients. <i>Journal of Burn Care and Research</i> , 2015, 36, 137-144.	0.2	6
82	Age-Specific Patterns of Influenza Activity in Utah: Do Older School Age Children Drive the Epidemic?. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2014, 3, 163-167.	0.6	5
83	A Population Pharmacokinetic Analysis of Dextroamphetamine in the Plasma and Hair of Healthy Adults. <i>Clinical Drug Investigation</i> , 2015, 35, 633-643.	1.1	5
84	Alignment of United States funding for cardiovascular disease research with deaths, years of life lost, and hospitalizations. <i>International Journal of Cardiology</i> , 2014, 172, e19-e21.	0.8	4
85	PCV13 in the USA: early successes and potential challenges. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 254-256.	4.6	4
86	Laboratory-Confirmed Rotavirus Disease in Utah Children: Clinical and Economic Impact of Rotavirus Vaccination. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2012, 1, 268-277.	0.6	3
87	Epidemiological Evaluation of Blood Culture Patterns among Neonates Receiving Vancomycin. <i>Indian Journal of Microbiology</i> , 2014, 54, 389-395.	1.5	3
88	Pharmacokinetic considerations in the use of antivirals in neonates. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 1861-1878.	1.5	3
89	Quantitative Assay Validation for Oxandrolone in Human Plasma Using LC-MS-MS. <i>Journal of Analytical Toxicology</i> , 2015, 39, 526-531.	1.7	2
90	Unanswered Questions Regarding Optimal Pediatric Vancomycin Use. <i>Therapeutic Drug Monitoring</i> , 2016, 38, 419-420.	1.0	2

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91	122Clinical and Microbiologic Characteristics of Pediatric Patients with Lemierre Syndrome. Open Forum Infectious Diseases, 2014, 1, S11-S11.	0.4	0
92	199Mandatory Antimicrobial Stewardship Program Review of Pediatric OPAT: Program Implementation and Results of Pilot Phase. Open Forum Infectious Diseases, 2014, 1, S89-S90.	0.4	0
93	Appropriate prescribing for acute childhood infections. Paediatrics and International Child Health, 2015, 35, 1-2.	0.3	0
94	Application of a method used to deconstruct a single dose pharmacokinetic profile from multiple dose data. Biopharmaceutics and Drug Disposition, 2015, 36, 405-409.	1.1	0
95	Laboratory-Confirmed Human Coronavirus Infections Among Children: Does Type Matter?. Open Forum Infectious Diseases, 2016, 3, .	0.4	0
96	Impact of Antimicrobial Stewardship Review for Pediatric Outpatient Parenteral Antimicrobial Therapy (OPAT). Open Forum Infectious Diseases, 2016, 3, .	0.4	0
97	Clinical Predictors of Shigella and Campylobacter Infection in Children in the United States. Open Forum Infectious Diseases, 2017, 4, S362-S362.	0.4	0