Bruce A Mueller

List of Publications by Year in descending order

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	123376
34	61
h-index	g-index
117	3192
imes ranked	citing authors
	34 h-index 117 imes ranked

#	Article	IF	CITATIONS
1	Evaluation and Development of Vancomycin Dosing Schemes to Meet New AUC/MIC Targets in Intermittent Hemodialysis Using Monte Carlo Simulation Techniques. Journal of Clinical Pharmacology, 2021, 61, 211-223.	1.0	9
2	Telavancin pharmacokinetics in patients with chronic kidney disease receiving haemodialysis. Journal of Antimicrobial Chemotherapy, 2021, 77, 174-180.	1.3	0
3	Imipenem/Relebactam Ex Vivo Clearance during Continuous Renal Replacement Therapy. Antibiotics, 2021, 10, 1184.	1.5	2
4	Size Matters: The Influence of Patient Size on Antibiotics Exposure Profiles in Critically III Patients on Continuous Renal Replacement Therapy. Antibiotics, 2021, 10, 1390.	1.5	3
5	Therapeutic Monitoring of Vancomycin for Serious Methicillin-resistant Staphylococcus aureus Infections: A Revised Consensus Guideline and Review by the American Society of Health-system Pharmacists, the Infectious Diseases Society of America, the Pediatric Infectious Diseases Society, and the Society of Infectious Diseases Dearmacists. Clinical Infectious Diseases 2020, 71, 1264	2.9	142
6	Executive Summary: Therapeutic Monitoring of Vancomycin for Serious Methicillin-Resistant Staphylococcus aureus Infections: A Revised Consensus Guideline and Review of the American Society of Health-System Pharmacists, the Infectious Diseases Society of America, the Pediatric Infectious Diseases Society, and the Society of Infectious Diseases Pharmacists. Journal of the Pediatric Infectious Diseases Society 2020, 9, 281-284	0.6	33
7	Questions on Vancomycin Dosing. Clinical Infectious Diseases, 2020, 73, e1777-e1778.	2.9	1
8	Harmonizing antibiotic regimens with renal replacement therapy. Expert Review of Anti-Infective Therapy, 2020, 18, 887-895.	2.0	5
9	Therapeutic monitoring of vancomycin for serious methicillin-resistant (i>Staphylococcus aureusinfections: A revised consensus guideline and review by the American Society of Health-System Pharmacists, the Infectious Diseases Society of America, the Pediatric Infectious Diseases Society, and the Society of Infectious Diseases Pharmacists. American Journal of	0.5	640
10	Executive Summary: Therapeutic Monitoring of Vancomycin for Serious Methicillinâ€Resistant <i>Staphylococcus aureus</i> Infections: A Revised Consensus Guideline and Review of the American Society of Healthâ€System Pharmacists, the Infectious Diseases Society of America, the Pediatric Infectious Diseases Society, and the Society of Infectious Diseases Pharmacists. Pharmacotherapy, 2020, 40, 263, 267	1.2	56
11	Single dose oral ranolazine pharmacokinetics in patients receiving maintenance hemodialysis. Renal Failure, 2019, 41, 118-125.	0.8	3
12	Impact of hemodialysis on the concentrations of sodium and potassium during infusion of sodium thiosulfate using an In Vitro hemodialysis model. PLoS ONE, 2019, 14, e0224767.	1.1	1
13	Antibiotic Exposure Profiles in Trials Comparing Intensity of Continuous Renal Replacement Therapy. Critical Care Medicine, 2019, 47, e863-e871.	0.4	16
14	Renal Dosing of Antibiotics: Are We Jumping the Gun?. Clinical Infectious Diseases, 2019, 68, 1596-1602.	2.9	85
15	Prevention of hypophosphatemia during continuous renal replacement therapy—An overlooked problem. Seminars in Dialysis, 2018, 31, 213-218.	0.7	17
16	Influence of hemodialysis on regadenoson clearance in an in vitro hemodialysis model. Journal of Nuclear Cardiology, 2018, 25, 234-239.	1.4	5
17	Acetaminophen clearance during ex vivo continuous renal replacement therapies. Journal of Artificial Organs, 2018, 21, 215-219.	0.4	3
18	Development of a vancomycin dosing approach for critically ill patients receiving hybrid hemodialysis using Monte Carlo simulation. SAGE Open Medicine, 2018, 6, 205031211877325.	0.7	16

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19	Preparation times and costs for various solutions used for continuous renal replacement therapy. American Journal of Health-System Pharmacy, 2018, 75, 808-815.	0.5	5
20	A Monte Carlo Simulation Approach for Beta‣actam Dosing in Critically III Patients Receiving Prolonged Intermittent Renal Replacement Therapy. Journal of Clinical Pharmacology, 2018, 58, 1254-1265.	1.0	20
21	Ex vivo Rezafungin Adsorption and Clearance During Continuous Renal Replacement Therapy. Blood Purification, 2018, 46, 214-219.	0.9	15
22	Ex vivo Ceftolozane/Tazobactam Clearance during Continuous Renal Replacement Therapy. Blood Purification, 2017, 44, 16-23.	0.9	25
23	Antibiotic Dosing in Continuous Renal Replacement Therapy. Advances in Chronic Kidney Disease, 2017, 24, 219-227.	0.6	24
24	Antibiotic Dosing in Patients With Acute Kidney Injury. Journal of Intensive Care Medicine, 2016, 31, 164-176.	1.3	56
25	Ceftolozane/Tazobactam Clearance During In Vitro Continuous Renal Replacement Therapy (CRRT). Open Forum Infectious Diseases, 2016, 3, .	0.4	0
26	Contemporary Vancomycin Dosing in Chronic Hemodialysis (HD) Patients Does Not Meet AUC Targets: Development of a New Dosing Model Using Monte Carlo Simulation (MCS). Open Forum Infectious Diseases, 2016, 3, .	0.4	1
27	Antimicrobial Doses in Continuous Renal Replacement Therapy: A Comparison of Dosing Strategies. Critical Care Research and Practice, 2016, 2016, 1-6.	0.4	6
28	Dose Timing of Aminoglycosides in Hemodialysis Patients: A Pharmacology View. Seminars in Dialysis, 2016, 29, 204-213.	0.7	10
29	"In Through the Out Doorâ€: Pediatric Critical Care Medicine, 2016, 17, 373-374.	0.2	0
30	Use of Monte Carlo Simulations to Determine Optimal Carbapenem Dosing in Critically Ill Patients Receiving Prolonged Intermittent Renal Replacement Therapy. Journal of Clinical Pharmacology, 2016, 56, 1277-1287.	1.0	33
31	We Underdose Antibiotics in Patients on <scp>CRRT</scp> . Seminars in Dialysis, 2016, 29, 278-280.	0.7	34
32	In silico trials using Monte Carlo simulation to evaluate ciprofloxacin and levofloxacin dosing in critically ill patients receiving prolonged intermittent renal replacement therapy. Renal Replacement Therapy, 2016, 2, .	0.3	11
33	Association of Oseltamivir Activation with Gender and Carboxylesterase 1 Genetic Polymorphisms. Basic and Clinical Pharmacology and Toxicology, 2016, 119, 555-561.	1.2	33
34	Survey of pharmacists' antibiotic dosing recommendations for sustained low-efficiency dialysis. International Journal of Clinical Pharmacy, 2016, 38, 127-134.	1.0	16
35	Fluconazole dosing predictions in critically-ill patients receiving prolonged intermittent renal replacement therapy: a Monte Carlo simulation approach. Clinical Nephrology, 2016, 86, 43-50.	0.4	16
36	Tedizolid Adsorption and Transmembrane Clearance during in vitro Continuous Renal Replacement Therapy. Blood Purification, 2015, 40, 66-71.	0.9	19

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37	How can we ensure effective antibiotic dosing in critically ill patients receiving different types of renal replacement therapy?. Diagnostic Microbiology and Infectious Disease, 2015, 82, 92-103.	0.8	68
38	Pharmacokinetics of Ertapenem in Critically Ill Patients Receiving Continuous Venovenous Hemodialysis or Hemodiafiltration. Antimicrobial Agents and Chemotherapy, 2014, 58, 1320-1326.	1.4	32
39	Antibiotic Dosing in Critically III Patients Receiving <scp>CRRT</scp> : Underdosing is Overprevalent. Seminars in Dialysis, 2014, 27, 441-445.	0.7	47
40	Principles and Operational Parameters to Optimize Poison Removal with Extracorporeal Treatments. Seminars in Dialysis, 2014, 27, 371-380.	0.7	46
41	Medication Dosing in Critically III Patients With Acute Kidney Injury Treated With Renal Replacement Therapy. American Journal of Kidney Diseases, 2013, 61, 490-500.	2.1	35
42	Intradialytic Oral Nutritional Supplements Improve Quality of Life. American Journal of Kidney Diseases, 2013, 61, 349.	2.1	10
43	Reenvisioning Assessment for the Academy and the Accreditation Council for Pharmacy Education's Standards Revision Process. American Journal of Pharmaceutical Education, 2013, 77, 141.	0.7	7
44	Vibration Enhances Clearance of Solutes With Varying Molecular Weights During In Vitro Hemodialysis. ASAIO Journal, 2013, 59, 140-144.	0.9	1
45	Daptomycin Pharmacokinetics and Pharmacodynamics in a Pooled Sample of Patients Receiving Thrice-Weekly Hemodialysis. Antimicrobial Agents and Chemotherapy, 2013, 57, 864-872.	1.4	21
46	Ethambutol Optic Neuropathy in a Hemodialysis Patient Receiving a Guideline-Recommended Dose. Journal of Neuro-Ophthalmology, 2013, 33, 421-423.	0.4	5
47	<i>In Vitro</i> Glucose Kinetics during Continuous Renal Replacement Therapy: Implications for Caloric Balance in Critically III Patients. International Journal of Artificial Organs, 2013, 36, 861-868.	0.7	17
48	Adding to the Armamentarium. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 373-375.	2.2	16
49	Pharmacokinetics of Oseltamivir and Oseltamivir Carboxylate in Critically <scp>I</scp> II Patients Receiving Continuous Venovenous Hemodialysis and/or Extracorporeal Membrane Oxygenation. Pharmacotherapy, 2012, 32, 1061-1069.	1.2	37
50	The Pharmacokinetics of Oseltamivir and Oseltamivir Carboxylate in a Critically Ill Pediatric Patient Receiving Extracorporeal Membrane Oxygenation and Continuous Venovenous Hemodialysis. Journal of Pediatric Pharmacology and Therapeutics, 2012, 17, 173-176.	0.3	13
51	Daptomycin pharmacokinetics in critically ill patients receiving continuous venovenous hemodialysis. Critical Care Medicine, 2011, 39, 19-25.	0.4	89
52	Daptomycin pharmacokinetics in critically ill patients undergoing continuous renal replacement therapy. Critical Care Medicine, 2011, 39, 1244-1245.	0.4	2
53	Carbamazepine and the active epoxide metabolite are effectively cleared by hemodialysis followed by continuous venovenous hemodialysis in an acute overdose. Hemodialysis International, 2011, 15, 412-415.	0.4	24
54	Safety of Daptomycin in Patients Receiving Hemodialysis. Pharmacotherapy, 2011, 31, 665-672.	1.2	13

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55	Antibiotic dosing in critically ill patients with acute kidney injury. Nature Reviews Nephrology, 2011, 7, 226-235.	4.1	85
56	Longitudinal Hemodiafilter Performance in Modeled Continuous Renal Replacement Therapy. Blood Purification, 2011, 32, 82-88.	0.9	23
57	Modeled Dalbavancin Transmembrane Clearance during Intermittent and Continuous Renal Replacement Therapies. Blood Purification, 2010, 30, 37-43.	0.9	23
58	Single-dose daptomycin pharmacokinetics in chronic haemodialysis patients. Nephrology Dialysis Transplantation, 2010, 25, 1279-1284.	0.4	44
59	Antibiotic Pharmacokinetic and Pharmacodynamic Considerations in Patients With Kidney Disease. Advances in Chronic Kidney Disease, 2010, 17, 392-403.	0.6	30
60	Drug Dosing in Acute Kidney Injury and During Renal Replacement Therapy. , 2010, , 241-251.		0
61	Telavancin and Hydroxy Propyl-β-Cyclodextrin Clearance during Continuous Renal Replacement Therapy: An <i>in vitro</i> Study. International Journal of Artificial Organs, 2009, 32, 745-751.	0.7	17
62	Therapeutic Controversies: Optimizing Anemia Management in Hospitalized Patients with End-Stage Renal Disease. Annals of Pharmacotherapy, 2009, 43, 276-282.	0.9	8
63	Etanercept Clearance during an in vitro Model of Continuous Venovenous Hemofiltration. Blood Purification, 2009, 28, 348-353.	0.9	2
64	Pharmacist leads primary care team to improve diabetes care. American Journal of Health-System Pharmacy, 2009, 66, 622-624.	0.5	6
65	Intradialytic Administration of Daptomycin in End Stage Renal Disease Patients on Hemodialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 1190-1194.	2.2	40
66	Continuous venovenous hemodiafiltration trace element clearance in pediatric patients: a case series. Pediatric Nephrology, 2009, 24, 807-813.	0.9	27
67	THE CLINICAL APPLICATION OF CRRT—CURRENT STATUS: Drug Dosing During Continuous Renal Replacement Therapy. Seminars in Dialysis, 2009, 22, 185-188.	0.7	54
68	Effects of Peridialytic Oral Supplements on Nutritional Status and Quality of Life in Chronic Hemodialysis Patients. , 2009, 19, 145-152.		43
69	Drug Dosing in Patients with Acute Kidney Injury and in Patients Undergoing Renal Replacement Therapy. , 2009, , 1727-1730.		0
70	Amino Acid Requirements in Critically Ill Patients with Acute Kidney Injury Treated with Continuous Renal Replacement Therapy. Pharmacotherapy, 2008, 28, 600-613.	1.2	65
71	Clinical review: Drug metabolism and nonrenal clearance in acute kidney injury. Critical Care, 2008, 12, 235.	2.5	83
72	Enhanced clearance of highly protein-bound drugs by albumin-supplemented dialysate during modeled continuous hemodialysis. Nephrology Dialysis Transplantation, 2008, 24, 231-238.	0.4	47

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73	Influence of Hemodialysis on Gentamicin Pharmacokinetics, Removal During Hemodialysis, and Recommended Dosing. Clinical Journal of the American Society of Nephrology: CJASN, 2008, 3, 355-361.	2.2	58
74	Trace element removal during in vitro and in vivo continuous haemodialysis. Nephrology Dialysis Transplantation, 2007, 22, 2970-2977.	0.4	45
75	Transplacental Passage of Vancomycin in Noninfected Term Pregnant Women. Obstetrics and Gynecology, 2007, 109, 1105-1110.	1.2	30
76	Selected Pharmacokinetic Issues in Patients with Chronic Kidney Disease. Blood Purification, 2007, 25, 133-138.	0.9	9
77	Drug Dosing Considerations in Alternative Hemodialysis. Advances in Chronic Kidney Disease, 2007, 14, e17-e26.	0.6	21
78	Outcomes of an Erythropoietic Growth Factor Interchange Program in Hospitalized Chronic Hemodialysis Patients. Hospital Pharmacy, 2007, 42, 119-125.	0.4	2
79	Drug-Associated Renal Dysfunction. Critical Care Clinics, 2006, 22, 357-374.	1.0	119
80	Daptomycin Clearance during Modeled Continuous Renal Replacement Therapy. Blood Purification, 2006, 24, 548-554.	0.9	78
81	Subcutaneous Terbutaline Use in CKD to Reduce Potassium Concentrations. American Journal of Kidney Diseases, 2005, 45, 1040-1045.	2.1	26
82	Pharmacokinetics of Intravenously Administered Levofloxacin in Men and Women. Pharmacotherapy, 2005, 25, 1310-1318.	1.2	10
83	In vitro clearance of trace elements via continuous renal replacement therapy. , 2004, 14, 214-219.		11
84	In vitro clearance of trace elements via continuous renal replacement therapy. , 2004, 14, 214-219.		36
85	In vitro clearance of trace elements via continuous renal replacement therapy. Journal of Renal Nutrition, 2004, 14, 214-9.	0.1	10
86	Pre dialysis of blood prime in continuous hemodialysis normalizes pH and electrolytes. Pediatric Nephrology, 2003, 18, 1177-1183.	0.9	54
87	Effects of sevelamer hydrochloride and calcium acetate on the oral bioavailability of ciprofloxacin. American Journal of Kidney Diseases, 2003, 42, 1253-1259.	2.1	73
88	Ofloxacin clearance during continuous hemofiltration. American Journal of Kidney Diseases, 2003, 42, 1326-1327.	2.1	1
89	Levofloxacin pharmacokinetics in ESRD and removal by the cellulose acetate high performance-210 hemodialyzer. American Journal of Kidney Diseases, 2003, 42, 342-349.	2.1	19
90	Linezolid Clearance During Continuous Venovenous Hemodiafiltration: A Case Report. Pharmacotherapy, 2003, 23, 1071-1075.	1.2	28

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91	Higher Renal Replacement Therapy Dose Delivery Influences on Drug Therapy. Artificial Organs, 2003, 27, 808-814.	1.0	70
92	CAHP-210 dialyzer influence on intra-dialytic vancomycin removal. Nephrology Dialysis Transplantation, 2002, 17, 1649-1654.	0.4	13
93	Cefazolin dialytic clearance by high-efficiency and high-flux hemodialyzers. American Journal of Kidney Diseases, 2001, 37, 766-776.	2.1	31
94	Effect of cisapride on QT interval in patients with end-stage renal disease. American Journal of Cardiology, 2000, 86, 873-875.	0.7	5
95	Small and Middle Molecular Weight Solute Clearance in Nocturnal Intermittent Peritoneal Dialysis. Peritoneal Dialysis International, 1999, 19, 534-539.	1.1	19
96	Erythema Multiforme Secondary to Amoxicillin/Clavulanic Acid Exposure. Annals of Pharmacotherapy, 1999, 33, 109-110.	0.9	3
97	Lowâ€Molecular Weight Protein Removal by Highâ€Flux Dialyzers: Basic Mechanisms and Effect of Reprocessing. Seminars in Dialysis, 1999, 12, 349-354.	0.7	8
98	The Effects of Peracetic Acid-Hydrogen Peroxide Reprocessing on Dialyzer Solute and Water Permeability. Pharmacotherapy, 1999, 19, 1042-1049.	1.2	11
99	Effect of Gender on the Pharmacokinetics of Ofloxacin. Pharmacotherapy, 1999, 19, 442-446.	1.2	19
100	Dialyzer-dependent changes in solute and water permeability with bleach reprocessing. American Journal of Kidney Diseases, 1999, 33, 87-96.	2.1	34
101	Quantifying the Effect of Changes in the Hemodialysis Prescription on Effective Solute Removal with a Mathematical Model. Journal of the American Society of Nephrology: JASN, 1999, 10, 601-609.	3.0	119
102	Quantification of creatinine kinetic parameters in patients with acute renal failure. Kidney International, 1998, 54, 554-560.	2.6	39
103	Selection of narcotic analgesics for pain associated with pancreatitis. American Journal of Health-System Pharmacy, 1998, 55, 480-486.	0.5	21
104	Falsely elevated serum vancomycin concentrations in hemodialysis patients. American Journal of Kidney Diseases, 1996, 27, 67-74.	2.1	32
105	Uremic pruritus. American Journal of Health-System Pharmacy, 1996, 53, 2159-2170.	O.5	28
106	EFFICACY OF CONVECTIVE REMOVAL OF PLASMA MEDIATORS OF ENDOTOXIC SHOCK BY CONTINUOUS VENO-VENOUS HEMOFILTRATION. Shock, 1996, 5, 149-154.	1.0	28
107	Impact of the Nutritional Regimen on Protein Catabolism and Nitrogen Balance in Patients With Acute Renal Failure. Journal of Parenteral and Enteral Nutrition, 1996, 20, 56-62.	1.3	103
108	Mucositis management practices for hospitalized patients: National survey results. Journal of Pain and Symptom Management, 1995, 10, 510-520.	0.6	49

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109	Comparison of Imipenem Pharmacokinetics in Patients With Acute or Chronic Renal Failure Treated With Continuous Hemofiltration. American Journal of Kidney Diseases, 1993, 21, 172-179.	2.1	74
110	Urea Kinetics During Continuous Hemofiltration. ASAIO Journal, 1992, 38, M664-M667.	0.9	37
111	Continuous Venovenous Hemofiltration: An Alternative to Continuous Arteriovenous Hemofiltration and Hemodiafiltration in Acute Renal Failure. American Journal of Kidney Diseases, 1991, 18, 451-458.	2.1	82
112	Vancomycin pharmacokinetics in acute renal failure: Preservation of nonrenal clearance. Clinical Pharmacology and Therapeutics, 1991, 50, 688-694.	2.3	90