

# Susan M Abdel-Rahman

## List of Publications by Year in descending order

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108  
papers

4,182  
citations

201674

27  
h-index

118850

62  
g-index

108  
all docs

108  
docs citations

108  
times ranked

4056  
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental Pharmacology of Drug Disposition, Action, and Therapy in Infants and Children. <i>New England Journal of Medicine</i> , 2003, 349, 1157-1167.	27.0	1,986
2	Oral Terbinafine: A New Antifungal Agent. <i>Annals of Pharmacotherapy</i> , 1997, 31, 445-456.	1.9	94
3	Pharmacokinetics of Antibacterial Agents in the CSF of Children and Adolescents. <i>Paediatric Drugs</i> , 2013, 15, 93-117.	3.1	91
4	Single dose pharmacokinetics of linezolid in infants and children. <i>Pediatric Infectious Disease Journal</i> , 2000, 19, 1178-1184.	2.0	84
5	Single-Dose Pharmacokinetics of Daptomycin in Children With Suspected or Proved Gram-Positive Infections. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, 330-334.	2.0	78
6	Investigation of terbinafine as a CYP2D6 inhibitor in vivo. <i>Clinical Pharmacology and Therapeutics</i> , 1999, 65, 465-472.	4.7	69
7	THE INTEGRATION OF PHARMACOKINETICS AND PHARMACODYNAMICS: Understanding Dose-Response. <i>Annual Review of Pharmacology and Toxicology</i> , 2004, 44, 111-136.	9.4	62
8	The Prevalence of Infections With <i>Trichophyton tonsurans</i> in Schoolchildren: the CAPITIS Study. <i>Pediatrics</i> , 2010, 125, 966-973.	2.1	60
9	Summary of the National Institute of Child Health and Human Development "Best Pharmaceuticals for Children Act Pediatric Formulation Initiatives Workshop" Pediatric Biopharmaceutics Classification System Working Group. <i>Clinical Therapeutics</i> , 2012, 34, S11-S24.	2.5	60
10	Evaluation of the Mercy TAPE: Performance Against the Standard for Pediatric Weight Estimation. <i>Annals of Emergency Medicine</i> , 2013, 62, 332-339.e6.	0.6	52
11	Genetic Heterogeneity in the rRNA Gene Locus of <i>Trichophyton tonsurans</i> . <i>Journal of Clinical Microbiology</i> , 2003, 41, 5478-5487.	3.9	48
12	Impact of ontogeny on linezolid disposition in neonates and infants. <i>Clinical Pharmacology and Therapeutics</i> , 2003, 74, 413-422.	4.7	47
13	Pediatric Pharmacokinetics. <i>Pediatric Clinics of North America</i> , 2012, 59, 1001-1016.	1.8	46
14	Single-dose Pharmacokinetics and Tolerability of Daptomycin 8 to 10 mg/kg in Children Aged 2 to 6 Years With Suspected or Proved Gram-positive Infections. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, 712-714.	2.0	45
15	Single dose pharmacokinetics of pleconaril in neonates. <i>Pediatric Infectious Disease Journal</i> , 2000, 19, 833-839.	2.0	44
16	<i>Pediatrics</i> : Treatment of Tinea Capitis. <i>Annals of Pharmacotherapy</i> , 1997, 31, 338-348.	1.9	43
17	Toward Earlier Inclusion of Pregnant and Postpartum Women in Tuberculosis Drug Trials: Consensus Statements From an International Expert Panel. <i>Clinical Infectious Diseases</i> , 2016, 62, 761-769.	5.8	43
18	Tracking <i>Trichophyton tonsurans</i> Through a Large Urban Child Care Center: Defining Infection Prevalence and Transmission Patterns by Molecular Strain Typing. <i>Pediatrics</i> , 2006, 118, 2365-2373.	2.1	42

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19	An Improved Pediatric Weight Estimation Strategy. <i>Open Medical Devices Journal</i> , 2012, 4, 87-97.	0.3	42
20	Single-Dose Pharmacokinetics of Intravenous Itraconazole and Hydroxypropyl- $\beta$ -Cyclodextrin in Infants, Children, and Adolescents. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2668-2673.	3.2	41
21	Clonal outbreak of <i>Trichophyton tonsurans</i> tinea capitis gladiatorum among wrestlers in Adana, Turkey. <i>Medical Mycology</i> , 2010, 48, 480-485.	0.7	41
22	Acetaminophen protein adduct formation following low-dose acetaminophen exposure: comparison of immediate-release vs extended-release formulations. <i>European Journal of Clinical Pharmacology</i> , 2013, 69, 851-857.	1.9	41
23	Single Oral Dose Escalation Pharmacokinetics of Pleconaril (VP 63843) Capsules in Adults. <i>Journal of Clinical Pharmacology</i> , 1999, 39, 613-618.	2.0	37
24	Update on terbinafine with a focus on dermatophytoses. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2009, 2, 49.	1.8	36
25	Divergence Among an International Population of <i>Trichophyton tonsurans</i> Isolates. <i>Mycopathologia</i> , 2010, 169, 1-13.	3.1	34
26	Impact of <i>SLCO1B1</i> Genotype on Pediatric Simvastatin Acid Pharmacokinetics. <i>Journal of Clinical Pharmacology</i> , 2018, 58, 823-833.	2.0	33
27	Response to Initial Griseofulvin Therapy in Pediatric Patients with Tinea Capitis. <i>Annals of Pharmacotherapy</i> , 1997, 31, 406-410.	1.9	32
28	Evaluating Mid-Upper Arm Circumference Z-score as a Determinant of Nutrition Status. <i>Nutrition in Clinical Practice</i> , 2018, 33, 124-132.	2.4	30
29	Genetic predictors of susceptibility to cutaneous fungal infections: A pilot genome wide association study to refine a candidate gene search. <i>Journal of Dermatological Science</i> , 2012, 67, 147-152.	1.9	29
30	Special Populations and Pharmacogenetic Issues in Tuberculosis Drug Development and Clinical Research. <i>Journal of Infectious Diseases</i> , 2015, 211, S115-S125.	4.0	27
31	Pharmacokinetics of Terbinafine in Young Children Treated for Tinea Capitis. <i>Pediatric Infectious Disease Journal</i> , 2005, 24, 886-891.	2.0	26
32	Evaluation of the Mercy weight estimation method in Ouelessebougou, Mali. <i>BMC Public Health</i> , 2014, 14, 270.	2.9	26
33	Construction of Lambda, Mu, Sigma Values for Determining Mid-Upper Arm Circumference Z-scores in U.S. Children Aged 2 Months Through 18 Years. <i>Nutrition in Clinical Practice</i> , 2017, 32, 68-76.	2.4	26
34	Design and Testing of an EHR-Integrated, Busulfan Pharmacokinetic Decision Support Tool for the Point-of-Care Clinician. <i>Frontiers in Pharmacology</i> , 2016, 7, 65.	3.5	25
35	Profiling Pretomanid as a Therapeutic Option for TB Infection: Evidence to Date. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 2815-2830.	4.3	25
36	A large outbreak of <i>Trichophyton tonsurans</i> among health care workers in a pediatric hospital. <i>American Journal of Infection Control</i> , 2009, 37, 43-48.	2.3	24

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37	Estimation of body weight in children in the absence of scales: a necessary measurement to insure accurate drug dosing. <i>Archives of Disease in Childhood</i> , 2014, 99, 570-574.	1.9	24
38	Validation of an Improved Pediatric Weight Estimation Strategy. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2013, 18, 112-121.	0.5	24
39	Strain Differentiation of Dermatophytes. <i>Mycopathologia</i> , 2008, 166, 319-333.	3.1	22
40	Genetic Predictors of Susceptibility to Dermatophytoses. <i>Mycopathologia</i> , 2017, 182, 67-76.	3.1	21
41	Polymorphic exocellular protease expression in clinical isolates of <i>Trichophyton tonsurans</i> . <i>Mycopathologia</i> , 2001, 150, 117-120.	3.1	20
42	How to Conduct Clinical Trials in Children: A Tutorial. <i>Clinical and Translational Science</i> , 2019, 12, 218-230.	3.1	20
43	Using the Mercy Method for Weight Estimation in Indian Children. <i>Global Pediatric Health</i> , 2015, 2, 2333794X1456662.	0.7	19
44	Impact of Genetic Variation on Pravastatin Systemic Exposure in Pediatric Hypercholesterolemia. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 1501-1512.	4.7	19
45	Developmental Pharmacokinetics and Pharmacodynamics of Nizatidine. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2004, 38, 442-451.	1.8	17
46	Multilocus Genotyping Identifies Infections by Multiple Strains of <i>Trichophyton tonsurans</i> . <i>Journal of Clinical Microbiology</i> , 2007, 45, 1949-1953.	3.9	17
47	Comparative Performance of Pediatric Weight Estimation Techniques. <i>Pediatric Emergency Care</i> , 2017, 33, 548-552.	0.9	17
48	The Bioequivalence of Nizatidine (AxiD <sup>®</sup> ) in Two Extemporaneously and One Commercially Prepared Oral Liquid Formulations Compared with Capsule. <i>Journal of Clinical Pharmacology</i> , 2003, 43, 148-153.	2.0	16
49	Naltrexone Reduces Binge Eating and Purging in Adolescents in an Eating Disorder Program. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2019, 29, 721-724.	1.3	16
50	Pharmacologic Considerations for Oseltamivir Disposition. <i>Paediatric Drugs</i> , 2011, 13, 19-31.	3.1	15
51	A call to action: Issuing a diversity and inclusion challenge to research organizations. <i>Clinical and Translational Science</i> , 2021, 14, 2095-2098.	3.1	15
52	Systemic exposure to menthol following administration of peppermint oil to paediatric patients. <i>BMJ Open</i> , 2015, 5, e008375.	1.9	14
53	Pediatric Statin Administration: Navigating a Frontier with Limited Data. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2016, 21, 380-403.	0.5	14
54	Pharmacokinetics and Tolerability of Single-dose Intravenous Ertapenem in Infants, Children, and Adolescents. <i>Pediatric Infectious Disease Journal</i> , 2010, 29, 1072-1076.	2.0	13

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55	Pharmacokinetic considerations when prescribing in children. International Journal of Pharmacokinetics, 2016, 1, 69-80.	0.5	13
56	Development of a UPLC-MS/MS method for quantitation of metronidazole and 2-hydroxy metronidazole in human plasma and its application to a pharmacokinetic study. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1092, 272-278.	2.3	13
57	Characterization of the ALP1 Gene Locus of <i>Trichophyton tonsurans</i> . Mycopathologia, 2005, 160, 265-272.	3.1	12
58	Examining <i>Trichophyton tonsurans</i> genotype and biochemical phenotype as determinants of disease severity in tinea capitis. Medical Mycology, 2008, 46, 217-223.	0.7	12
59	Comparative analysis of secreted enzymes between the anthropophilic zoophilic sister species <i>Trichophyton tonsurans</i> and <i>Trichophyton equinum</i> . Fungal Biology, 2010, 114, 429-437.	2.5	12
60	Impact of <i>SLCO1B1</i> Genetic Variation on Rosuvastatin Systemic Exposure in Pediatric Hypercholesterolemia. Clinical and Translational Science, 2020, 13, 628-637.	3.1	12
61	Stability of terbinafine hydrochloride in an extemporaneously prepared oral suspension at 25 and 4 °C. American Journal of Health-System Pharmacy, 1999, 56, 243-245.	1.0	10
62	Intravenous busulfan dose individualization – impact of modeling approach on dose recommendation. Pediatric Transplantation, 2016, 20, 443-448.	1.0	9
63	A Simple Liquid Chromatography Tandem Mass Spectrometry Method for Quantitation of Plasma Busulfan. Methods in Molecular Biology, 2016, 1383, 79-87.	0.9	9
64	Single-Dose Pharmacokinetics of Nizatidine (Axiid®) in Children. Journal of Clinical Pharmacology, 2002, 42, 1089-1096.	2.0	9
65	Griseofulvin Only Modestly Diminishes Persistence of <i>Trichophyton tonsurans</i> on the Scalp of Carriers. Journal of Pediatric Pharmacology and Therapeutics, 2009, 14, 94-99.	0.5	9
66	Comparison of Various Urine Collection Intervals for Caffeine and Dextromethorphan Phenotyping in Children. Journal of Clinical Pharmacology, 2004, 44, 708-714.	2.0	8
67	Metabolism and Disposition of Bupropion in Pregnant Baboons ( <i>Papio cynocephalus</i> ). Drug Metabolism and Disposition, 2014, 42, 1773-1779.	3.3	8
68	Assessing effectiveness of a novel mid-upper arm circumference Z-score tape in a community setting in Guatemala. Archives of Public Health, 2019, 77, 44.	2.4	8
69	Design and Usability of an Electronic Health Record – Integrated, Point-of-Care, Clinical Decision Support Tool for Modeling and Simulation of Antihemophilic Factors. Applied Clinical Informatics, 2020, 11, 253-264.	1.7	8
70	Acetaminophen Protein Adducts in Hospitalized Children Receiving Multiple Doses of Acetaminophen. Journal of Clinical Pharmacology, 2019, 59, 1291-1299.	2.0	7
71	Racial and Ethnic Diversity in Studies Funded Under the Best Pharmaceuticals for Children Act. Pediatrics, 2021, 147, e2020042903.	2.1	7
72	<i>Trichophyton rubrum</i> Tinea Capitis in a Young Child. Pediatric Dermatology, 2004, 21, 63-65.	0.9	6

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73	Estimating Weight in Children With Down Syndrome. <i>Global Pediatric Health</i> , 2015, 2, 2333794X1456845.	0.7	6
74	An anthropometric survey of US pre-term and full-term neonates. <i>Annals of Human Biology</i> , 2017, 44, 678-686.	1.0	6
75	Examining Mid-Upper Arm Circumference Malnutrition z Score Thresholds. <i>Nutrition in Clinical Practice</i> , 2020, 35, 344-352.	2.4	6
76	The Patient-Centered Future of Clinical Pharmacology. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 72-75.	4.7	6
77	Serum amoxicillin levels in young infants (0-59 days) with sepsis treated with oral amoxicillin. <i>Archives of Disease in Childhood</i> , 2020, 105, 1208-1214.	1.9	6
78	Adolescent perceptions of pharmacogenetic testing. <i>Pharmacogenomics</i> , 2021, 22, 335-343.	1.3	6
79	Evaluating the Effectiveness of an Illustrated Permission/Assent Form. <i>Journal of Immigrant and Minority Health</i> , 2015, 17, 1504-1508.	1.6	5
80	Oseltamivir-Warfarin Interaction in Hypoplastic Left Heart Syndrome: Case Report and Review. <i>Pediatrics</i> , 2015, 135, e1333-e1336.	2.1	5
81	Pharmacokinetics of two mercaptopurine liquid formulations in children with acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26465.	1.5	5
82	Facilitating Informed Permission/Assent/Consent in Pediatric Clinical Trials. <i>Paediatric Drugs</i> , 2019, 21, 205-214.	3.1	5
83	A population pharmacokinetic model for simvastatin and its metabolites in children and adolescents. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 1227-1235.	1.9	5
84	Developmental Considerations for the Use of Naltrexone in Children and Adolescents. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2021, 26, 675-695.	0.5	5
85	Examining a New Scale for Evaluating Taste in Children (TASTY). <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2020, 25, 131-138.	0.5	5
86	Development and Application of a High-Throughput Screening Method to Evaluate Antifungal Activity against <i>Trichophyton tonsurans</i> . <i>Journal of Biomolecular Screening</i> , 2015, 20, 1171-1177.	2.6	4
87	Evaluating metronidazole as a novel, safe CYP2A6 phenotyping probe in healthy adults. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 960-969.	2.4	4
88	Examining the Role of Precision Medicine with Oral Baclofen in Pediatric Patients with Cerebral Palsy. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2019, 7, 40-45.	0.8	4
89	A Pilot Comparison of High- Versus Low-Tech Palatability Assessment Tools in Young Children. <i>Paediatric Drugs</i> , 2021, 23, 95-104.	3.1	4
90	Challenges in Pediatric Oral Dosing. , 2015, , 33-44.		4

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91	Stability of fumagillin in an extemporaneously prepared ophthalmic solution. American Journal of Health-System Pharmacy, 1999, 56, 547-550.	1.0	3
92	A Unique Valproic Acid Ingestion. Journal of Toxicology: Clinical Toxicology, 2001, 39, 419-420.	1.5	3
93	User-Informed Medical Device Development: A Case Study for Pediatric Malnutrition Assessment. Global Pediatric Health, 2019, 6, 2333794X1986157.	0.7	3
94	Mercy TAPE for Calculation of Free Height Estimation in Pediatric Rehabilitation Patients. PM and R, 2020, 12, 538-545.	1.6	3
95	<i>Trichophyton tonsurans</i> : the need for enhanced infection control measures in the pediatric population. Pediatric Health, 2010, 4, 367-369.	0.3	2
96	Pharmacokinetic considerations in treating invasive pediatric fungal infections. Expert Opinion on Drug Metabolism and Toxicology, 2016, 12, 645-655.	3.3	2
97	A Weight Estimation Strategy for Preterm and Full-Term Infants. Global Pediatric Health, 2017, 4, 2333794X1774877.	0.7	2
98	Validation and human factor analysis study of an infant weight estimation device. BMC Pediatrics, 2020, 20, 30.	1.7	2
99	Scholarly Productivity in Clinical Pharmacology Amid Pandemic-Related Workforce Disruptions: Are Men and Women Affected Equally?. Clinical Pharmacology and Therapeutics, 2021, 110, 841-844.	4.7	2
100	Pediatric Pharmacokinetics. Pediatrics in Review, 2013, 34, 258-269.	0.4	2
101	Population Pharmacokinetic Modeling of Acetaminophen Protein Adducts in Adults and Children. Journal of Clinical Pharmacology, 2019, 60, 595.	2.0	1
102	Utility of the 13 C-urea breath test as a CYP2C19 phenotyping probe for children. Clinical and Translational Science, 2022, , .	3.1	1
103	Parental understanding and attitudes following pharmacogenomic testing for pediatric neuropsychiatric patients. Pharmacogenomics, 2022, 23, 345-354.	1.3	1
104	Pharmacology of Mycobacterial Drugs in Children. Journal of Pediatric Infectious Diseases, 2018, 13, 101-112.	0.2	0
105	Genetic Predictors of Susceptibility to Dermatophytosis. , 2021, , 181-196.		0
106	Development and Clinical Trial Design. , 0, , 281-291.		0
107	Relative Oral Bioequivalence of Two 6-Mercaptopurine (6-MP) Liquid Formulations in Children with Acute Lymphoblastic Leukemia (ALL). Blood, 2014, 124, 2242-2242.	1.4	0
108	Examining the role of precision medicine with oral baclofen in pediatric patients with cerebral palsy. Current Physical Medicine and Rehabilitation Reports, 2019, 7, 40-45.	0.8	0