

Sophie L Stocker

List of Publications by Year in descending order

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75
papers

2,426
citations

257450

24
h-index

214800

47
g-index

76
all docs

76
docs citations

76
times ranked

3161
citing authors

#	ARTICLE	IF	CITATIONS
1	Renal Transporters in Drug Development. Annual Review of Pharmacology and Toxicology, 2013, 53, 503-529.	9.4	267
2	Transporters in Drug Development: 2018 ITC Recommendations for Transporters of Emerging Clinical Importance. Clinical Pharmacology and Therapeutics, 2018, 104, 890-899.	4.7	185
3	Insights into the poor prognosis of allopurinol-induced severe cutaneous adverse reactions: the impact of renal insufficiency, high plasma levels of oxypurinol and granulysin. Annals of the Rheumatic Diseases, 2015, 74, 2157-2164.	0.9	160
4	The Effect of Novel Promoter Variants in MATE1 and MATE2 on the Pharmacokinetics and Pharmacodynamics of Metformin. Clinical Pharmacology and Therapeutics, 2013, 93, 186-194.	4.7	157
5	Clinical Pharmacokinetics and Pharmacodynamics of Allopurinol and Oxypurinol. Clinical Pharmacokinetics, 2007, 46, 623-644.	3.5	153
6	Clinical Pharmacokinetics in Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 1085-1095.	4.5	142
7	Towards precision dosing of vancomycin: a systematic evaluation of pharmacometric models for Bayesian forecasting. Clinical Microbiology and Infection, 2019, 25, 1286.e1-1286.e7.	6.0	96
8	Targeted Disruption of Organic Cation Transporter 3 Attenuates the Pharmacologic Response to Metformin. Molecular Pharmacology, 2015, 88, 75-83.	2.3	88
9	Clinical Pharmacokinetics in Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 1254-1263.	4.5	59
10	Pharmacokinetic and Pharmacodynamic Interaction Between Allopurinol and Probenecid in Patients with Gout. Journal of Rheumatology, 2011, 38, 904-910.	2.0	56
11	Genetic Variants in Transcription Factors Are Associated With the Pharmacokinetics and Pharmacodynamics of Metformin. Clinical Pharmacology and Therapeutics, 2014, 96, 370-379.	4.7	53
12	Gene Expression Profiling of Transporters in the Solute Carrier and ATP-Binding Cassette Superfamilies in Human Eye Substructures. Molecular Pharmaceutics, 2013, 10, 650-663.	4.6	50
13	Reduced Renal Clearance of Cefotaxime in Asians with a Low-Frequency Polymorphism of OAT3 (SLC22A8). Journal of Pharmaceutical Sciences, 2013, 102, 3451-3457.	3.3	47
14	The Effect of Famotidine, a MATE1-Selective Inhibitor, on the Pharmacokinetics and Pharmacodynamics of Metformin. Clinical Pharmacokinetics, 2016, 55, 711-721.	3.5	47
15	Initiating allopurinol therapy: do we need to know the patient's human leucocyte antigen status?. Internal Medicine Journal, 2012, 42, 411-416.	0.8	44
16	Characterization of ADME gene variation in 21 populations by exome sequencing. Pharmacogenetics and Genomics, 2017, 27, 89-100.	1.5	43
17	A Model Averaging/Selection Approach Improves the Predictive Performance of Model-Informed Precision Dosing: Vancomycin as a Case Study. Clinical Pharmacology and Therapeutics, 2021, 109, 175-183.	4.7	42
18	Combination Therapy with an SGLT2 Inhibitor as Initial Treatment for Type 2 Diabetes: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2019, 8, 45.	2.4	37

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19	Pharmacokinetic and Pharmacodynamic Interaction between Allopurinol and Probenecid in Healthy Subjects. <i>Clinical Pharmacokinetics</i> , 2008, 47, 111-118.	3.5	33
20	Understanding the dose-response relationship of allopurinol: predicting the optimal dosage. <i>British Journal of Clinical Pharmacology</i> , 2013, 76, 932-938.	2.4	33
21	Fractional clearance of urate: validation of measurement in spot-urine samples in healthy subjects and gouty patients. <i>Arthritis Research and Therapy</i> , 2012, 14, R189.	3.5	32
22	Population Pharmacokinetic Models of Tacrolimus in Adult Transplant Recipients: A Systematic Review. <i>Clinical Pharmacokinetics</i> , 2020, 59, 1357-1392.	3.5	29
23	Pharmacometabolomic Assessment of Metformin in Non-diabetic, African Americans. <i>Frontiers in Pharmacology</i> , 2016, 7, 135.	3.5	28
24	The Effect of Nizatidine, a MATE2K Selective Inhibitor, on the Pharmacokinetics and Pharmacodynamics of Metformin in Healthy Volunteers. <i>Clinical Pharmacokinetics</i> , 2016, 55, 495-506.	3.5	27
25	The pharmacokinetics of oxypurinol in people with gout. <i>British Journal of Clinical Pharmacology</i> , 2012, 74, 477-489.	2.4	26
26	Barriers and opportunities for the clinical implementation of therapeutic drug monitoring in oncology. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 227-236.	2.4	25
27	Potential Safety Issues with Use of Sodium-Glucose Cotransporter 2 Inhibitors, Particularly in People with Type 2 Diabetes and Chronic Kidney Disease. <i>Drug Safety</i> , 2020, 43, 1211-1221.	3.2	24
28	Allopurinol: insights from studies of dose-response relationships. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2017, 13, 449-462.	3.3	21
29	Towards precision dosing of vancomycin in critically ill patients: an evaluation of the predictive performance of pharmacometric models in ICU patients. <i>Clinical Microbiology and Infection</i> , 2021, 27, 783.e7-783.e14.	6.0	21
30	Optimizing Therapy With Allopurinol: Factors Limiting Hypouricemic Efficacy. <i>American Journal of the Medical Sciences</i> , 2008, 335, 219-226.	1.1	20
31	Researchers' views on, and experiences with, the requirement to obtain informed consent in research involving human participants: a qualitative study. <i>BMC Medical Ethics</i> , 2020, 21, 93.	2.4	18
32	Assessing the accuracy of two Bayesian forecasting programs in estimating vancomycin drug exposure. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3293-3302.	3.0	18
33	Optimal Practice for Vancomycin Therapeutic Drug Monitoring: Position Statement From the Anti-infectives Committee of the International Association of Therapeutic Drug Monitoring and Clinical Toxicology. <i>Therapeutic Drug Monitoring</i> , 2022, 44, 121-132.	2.0	18
34	Individualising the dose of allopurinol in patients with gout. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 2015-2026.	2.4	17
35	Evaluation of a Pilot Vancomycin Precision Dosing Advisory Service on Target Exposure Attainment Using an Interrupted Time Series Analysis. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 212-221.	4.7	16
36	Are vancomycin dosing guidelines followed? A mixed methods study of vancomycin prescribing practices. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 4221-4229.	2.4	16

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37	A proposal for identifying the low renal uric acid clearance phenotype. <i>Arthritis Research and Therapy</i> , 2010, 12, 149.	3.5	14
38	Would they trust it? An exploration of psychosocial and environmental factors affecting prescriber acceptance of computerised dose recommendation software. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 1215-1233.	2.4	14
39	Therapeutic Drug Monitoring of the Echinocandin Antifungal Agents: Is There a Role in Clinical Practice? A Position Statement of the Anti-Infective Drugs Committee of the International Association of Therapeutic Drug Monitoring and Clinical Toxicology. <i>Therapeutic Drug Monitoring</i> , 2022, 44, 198-214.	2.0	14
40	Prescribing of SGLT2 inhibitors in primary care: A qualitative study of General Practitioners and Endocrinologists. <i>Diabetes Research and Clinical Practice</i> , 2021, 180, 109036.	2.8	13
41	Measurement of urinary oxypurinol by high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2363-2368.	2.3	12
42	Pharmacokinetics of Metformin in Patients Receiving Regular Hemodiafiltration. <i>American Journal of Kidney Diseases</i> , 2016, 68, 990-992.	1.9	12
43	The safety and pharmacokinetics of metformin in patients with chronic liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 51, 565-575.	3.7	12
44	Is the use of metformin in patients undergoing dialysis hazardous for life? A systematic review of the safety of metformin in patients undergoing dialysis. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 2772-2783.	2.4	11
45	Comparison of the Area Under the Curve for Vancomycin Estimated Using Compartmental and Noncompartmental Methods in Adult Patients With Normal Renal Function. <i>Therapeutic Drug Monitoring</i> , 2019, 41, 726-731.	2.0	11
46	Accuracy of documented administration times for intravenous antimicrobial drugs and impact on dosing decisions. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 4273-4282.	2.4	11
47	Pharmacogenomic testing: perception of clinical utility, enablers and barriers to adoption in Australian hospitals. <i>Internal Medicine Journal</i> , 2022, 52, 1135-1143.	0.8	11
48	HLA-B*5801 Should Be Used to Screen for Risk of Stevens-Johnson Syndrome in Family Members of Han Chinese Patients Commencing Allopurinol Therapy. <i>Journal of Rheumatology</i> , 2013, 40, 96.2-97.	2.0	10
49	Education to improve vancomycin use: the perspectives of educators and education recipients. <i>Internal Medicine Journal</i> , 2020, 50, 565-572.	0.8	10
50	Voriconazole: an audit of hospital-based dosing and monitoring and evaluation of the predictive performance of a dose-prediction software package. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1981-1984.	3.0	10
51	Better outcomes for patients with gout. <i>Inflammopharmacology</i> , 2020, 28, 1395-1400.	3.9	8
52	Sodium-glucose cotransporter 2 inhibitors for type 2 diabetes cardiovascular and renal benefits in patients with chronic kidney disease. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 1481-1490.	1.9	7
53	Determination of febuxostat in human plasma by high performance liquid chromatography (HPLC) with fluorescence-detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1126-1127, 121764.	2.3	7
54	Australian patient perspectives on the impact of gout. <i>International Journal of Rheumatic Diseases</i> , 2020, 23, 1372-1378.	1.9	7

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55	Out-of-pocket spending among a cohort of Australians living with gout. <i>International Journal of Rheumatic Diseases</i> , 2021, 24, 327-334.	1.9	7
56	Detection of Ganciclovir-Resistant Cytomegalovirus in a Prospective Cohort of Kidney Transplant Recipients Receiving Subtherapeutic Valganciclovir Prophylaxis. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	7
57	Persistence with urate-lowering therapy in Australia: A longitudinal analysis of allopurinol prescriptions. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 4894-4901.	2.4	7
58	Evaluation of amikacin use and comparison of the models implemented in two Bayesian forecasting software packages to guide dosing. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 1422-1431.	2.4	6
59	Model-Optimized Fluconazole Dose Selection for Critically Ill Patients Improves Early Pharmacodynamic Target Attainment without the Need for Therapeutic Drug Monitoring. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	6
60	Predicting Response or Non-response to Urate-Lowering Therapy in Patients with Gout. <i>Current Rheumatology Reports</i> , 2018, 20, 47.	4.7	5
61	Management of gout in older people. <i>Journal of Pharmacy Practice and Research</i> , 2019, 49, 90-97.	0.8	5
62	Current fluconazole treatment regimens result in under-dosing of critically ill adults during early therapy. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 1521-1528.	2.9	5
63	Usability of Reports Generated by a Computerised Dose Prediction Software. <i>Studies in Health Technology and Informatics</i> , 2018, 252, 27-32.	0.3	5
64	A pharmacokinetic-pharmacodynamic study of a single dose of febuxostat in healthy subjects. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 2486-2496.	2.4	4
65	Clinical interventions to improve adherence to urate-lowering therapy in patients with gout: a systematic review. <i>International Journal of Pharmacy Practice</i> , 2022, 30, 215-225.	0.6	4
66	Improving adherence to urate-lowering therapy in people living with gout. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 542-544.	1.9	3
67	Tacrolimus Therapy in Adult Heart Transplant Recipients. <i>Therapeutic Drug Monitoring</i> , 2021, Publish Ahead of Print, 736-746.	2.0	3
68	Evaluation of published population pharmacokinetic models to inform tacrolimus dosing in adult heart transplant recipients. <i>British Journal of Clinical Pharmacology</i> , 2021, , .	2.4	3
69	Predictors of Success in Gout Treatment. <i>Journal of Rheumatology</i> , 2020, 47, 313-315.	2.0	2
70	Rebranding Gout: Could a Name Change for Gout Improve Adherence to Urate-Lowering Therapy?. <i>Therapeutic Innovation and Regulatory Science</i> , 2021, 55, 138-141.	1.6	2
71	Review and evaluation of vancomycin dosing guidelines for obese individuals. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2022, 18, 323-335.	3.3	2
72	Could metformin be used in patients with advanced chronic kidney disease?. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 302-303.	4.4	1

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73	Should the cardioâ€­protective properties of sodiumâ€­glucose cotransporter 2 inhibitors dictate therapeutic decisionâ€­making in patients with type 2 diabetes. Internal Medicine Journal, 2020, 50, 645-646.	0.8	1
74	Sodiumâ€­glucose coâ€­transporter 2 inhibitor therapy: use in chronic kidney disease and adjunctive sodium restriction. Internal Medicine Journal, 2022, , .	0.8	1
75	Lack of effect of hydrochlorothiazide and low-dose aspirin on the renal clearance of urate and oxypurinol after a single dose of allopurinol in normal volunteers. European Journal of Clinical Pharmacology, 2011, 67, 709-713.	1.9	0