

# Sangeeta Tanna

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

663  
citations

14  
h-index

25  
g-index

31  
ext. papers

775  
ext. citations

4.2  
avg, IF

4.24  
L-index

#	Paper	IF	Citations
30	Facilitating pharmacokinetic studies in children: a new use of dried blood spots. <i>Archives of Disease in Childhood</i> , <b>2010</b> , 95, 484-7	2.2	82
29	Glucose-responsive UV polymerised dextran-concanavalin A acrylic derivatised mixtures for closed-loop insulin delivery. <i>Biomaterials</i> , <b>2006</b> , 27, 1586-97	15.6	68
28	In vivo study of a polymeric glucose-sensitive insulin delivery system using a rat model. <i>Journal of Pharmaceutical Sciences</i> , <b>2010</b> , 99, 4215-27	3.9	66
27	A review of Fourier Transform Infrared (FTIR) spectroscopy used in food adulteration and authenticity investigations. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2020</b> , 37, 19-38	3.2	55
26	The effect of degree of acrylic derivatisation on dextran and concanavalin A glucose-responsive materials for closed-loop insulin delivery. <i>Biomaterials</i> , <b>2006</b> , 27, 4498-507	15.6	52
25	Dexamethasone quantification in dried blood spot samples using LC-MS: The potential for application to neonatal pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 3277-82	3.2	44
24	Analytical methods used in conjunction with dried blood spots. <i>Analytical Methods</i> , <b>2011</b> , 3, 1709	3.2	42
23	Quantitative determination of atenolol in dried blood spot samples by LC-HRMS: a potential method for assessing medication adherence. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2012</b> , 897, 72-9	3.2	40
22	Rheological characterisation of dextran-concanavalin A mixtures as a basis for a self-regulated drug delivery device. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2006</b> , 62, 94-100	5.7	33
21	Closed-loop delivery of insulin. <i>American Journal of Drug Delivery</i> , <b>2004</b> , 2, 1-13		25
20	Bisoprolol, ramipril and simvastatin determination in dried blood spot samples using LC-HRMS for assessing medication adherence. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 81-82, 99-107	3.5	23
19	Quantitative screening of the pharmaceutical ingredient for the rapid identification of substandard and falsified medicines using reflectance infrared spectroscopy. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202059	3.7	22
18	Dried blood spot analysis to assess medication adherence and to inform personalization of treatment. <i>Bioanalysis</i> , <b>2014</b> , 6, 2825-38	2.1	15
17	Quantitative LC-HRMS determination of selected cardiovascular drugs, in dried blood spots, as an indicator of adherence to medication. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 142, 232-243	3.5	14
16	Volumetric absorptive microsampling (VAMS) coupled with high-resolution, accurate-mass (HRAM) mass spectrometry as a simplified alternative to dried blood spot (DBS) analysis for therapeutic drug monitoring of cardiovascular drugs. <i>Clinical Mass Spectrometry</i> , <b>2018</b> , 10, 1-8	1.9	11
15	Development of a reversed-phase high-performance liquid chromatography method for the analysis of components from a closed-loop insulin delivery system. <i>Journal of Chromatography A</i> , <b>2006</b> , 1132, 117-23	4.5	10
14	Diabetes mellitus and closed-loop insulin delivery. <i>Biotechnology and Genetic Engineering Reviews</i> , <b>2000</b> , 17, 455-96	4.1	8

13	Dried Blood Spot Sampling with LC-MS Analysis for Routine Therapeutic Caffeine Monitoring in Neonates. <i>ISRN Chromatography</i> , <b>2012</b> , 2012, 1-7		8
12	Hyphenated mass spectrometry techniques for assessing medication adherence: advantages, challenges, clinical applications and future perspectives. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 643-663	5.9	6
11	Effect of varying molecular weight of dextran on acrylic-derivatized dextran and concanavalin A glucose-responsive materials for closed-loop insulin delivery. <i>Drug Development and Industrial Pharmacy</i> , <b>2011</b> , 37, 351-8	3.6	5
10	Glucose-sensitive gel rheology of dextran-concanavalin A mixtures suitable for self-regulating insulin delivery. <i>Pharmaceutical Development and Technology</i> , <b>2010</b> , 15, 80-8	3.4	4
9	Captopril Determination in Dried Blood Spot Samples with LC-MS and LCHRMS: A Potential Method for Neonate Pharmacokinetic Studies. <i>Journal of Bioanalysis &amp; Biomedicine</i> , <b>2012</b> , 04,	1	4
8	Non-adherence to cardiovascular pharmacotherapy in Iraq assessed using 8-items Morisky questionnaire and analysis of dried blood spot samples. <i>British Journal of Pharmacy</i> , <b>2019</b> , 4,	1	2
7	Opportunities and Challenges for Analytical Chemistry in the Assessment of Medication Adherence <b>2016</b> , 23-49		2
6	Medication Adherence <b>2016</b> , 1-21		2
5	Analytical Chemistry Methods for the Assessment of Medication Adherence <b>2016</b> , 51-86		2
4	Medication Adherence <b>2016</b> , 129-142		1
3	Application of Bioanalytical Methods to Assess Medication Adherence in Clinical Settings <b>2016</b> , 87-127		1
2	Patients Access to Medicines - A Critical Review of the Healthcare System in Kenya.. <i>Risk Management and Healthcare Policy</i> , <b>2022</b> , 15, 361-374	2.8	1
1	Adherence to cardiovascular pharmacotherapy by patients in Iraq: A mixed methods assessment using quantitative dried blood spot analysis and the 8-item Morisky Medication Adherence Scale. <i>PLoS ONE</i> , <b>2021</b> , 16, e0251115	3.7	0