

# Suzanne Smith

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

441  
citations

840119

11  
h-index

839053

18  
g-index

30  
all docs

30  
docs citations

30  
times ranked

625  
citing authors

#	ARTICLE	IF	CITATIONS
1	The potential of paper-based diagnostics to meet the ASSURED criteria. RSC Advances, 2018, 8, 34012-34034.	1.7	97
2	CD-Based Microfluidics for Primary Care in Extreme Point-of-Care Settings. Micromachines, 2016, 7, 22.	1.4	88
3	Blister pouches for effective reagent storage on microfluidic chips for blood cell counting. Microfluidics and Nanofluidics, 2016, 20, 1.	1.0	25
4	Inkjet-printed Silver Tracks on Different Paper Substrates. Materials Today: Proceedings, 2015, 2, 3891-3900.	0.9	24
5	A Low-Cost Inkjet-Printed Paper-Based Potentiostat. Applied Sciences (Switzerland), 2018, 8, 968.	1.3	23
6	Printed Paper-Based Electrochemical Sensors for Low-Cost Point-of-Need Applications. Electroanalysis, 2019, 10, 342-351.	1.5	23
7	The Effect of g-C <sub>3</sub> N <sub>4</sub> Materials on Pb(II) and Cd(II) Detection Using Disposable Screen-Printed Sensors. Electroanalysis, 2019, 10, 149-155.	1.5	21
8	Functional screen printed radio frequency identification tags on flexible substrates, facilitating low-cost and integrated point-of-care diagnostics. Flexible and Printed Electronics, 2018, 3, 025002.	1.5	19
9	Paper-based smart microfluidics for education and low-cost diagnostics. South African Journal of Science, 2015, 111, 10.	0.3	18
10	Graphene-AuNP Enhanced Inkjet-Printed Silver Nanoparticle Paper Electrodes for the Detection of Nickel(II)-Dimethylglyoxime [Ni(dmgh <sub>2</sub> ) <sub>2</sub> ] Complexes by Adsorptive Cathodic Stripping Voltammetry (AdCSV). Electroanalysis, 2020, 32, 3017-3031.	1.5	15
11	Novel functionalities of hybrid paper-polymer centrifugal devices for assay performance enhancement. Biomicrofluidics, 2017, 11, 054101.	1.2	14
12	Triboelectric Effect Enabled Self-Powered, Point-of-Care Diagnostics: Opportunities for Developing ASSURED and REASSURED Devices. Micromachines, 2021, 12, 337.	1.4	13
13	Microfluidic Cartridges for Automated, Point-of-Care Blood Cell Counting. SLAS Technology, 2017, 22, 176-185.	1.0	12
14	Wireless colorimetric readout to enable resource-limited point-of-care. Lab on A Chip, 2019, 19, 3344-3353.	3.1	10
15	A low-cost potentiostat for point-of-need diagnostics. , 2017, , .		7
16	Inkjet-Printed interconnects for unpackaged dies in printed electronics. Electronics Letters, 2019, 55, 252-254.	0.5	6
17	Printed Functionality for Point-of-Need Diagnostics in Resource-Limited Settings. , 2020, , .		4
18	Sample to answer visualization pipeline for low-cost point-of-care blood cell counting. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
19	Blister pouches for effective reagent storage and release for low cost point-of-care diagnostic applications. Proceedings of SPIE, 2016, , .	0.8	3
20	Emerging Technology Solutions Towards REASSURED Point-of-Need Diagnostics. , 2021, , .		3
21	Nickel contamination analysis at cost-effective silver printed paper-based electrodes based on carbon black dimethylglyoxime ink as electrode modifier. Journal of Electrochemical Science and Engineering, 0, , .	1.6	3
22	Development of paper-based electrochemical sensors for water quality monitoring. , 2017, , .		2
23	Printed, flexible wireless temperature logging system. , 2019, , .		2
24	Development of paper-based wireless communication modules for point-of-care diagnostic applications. , 2017, , .		1
25	RAPID, LOW-COST PROTOTYPING OF CENTRIFUGAL MICROFLUIDIC DEVICES FOR EFFECTIVE IMPLEMENTATION OF VARIOUS MICROFLUIDIC COMPONENTS. South African Journal of Industrial Engineering, 2015, 26, 179.	0.2	1
26	Inductor design for inkjet-printed electronics. , 2019, , .		1
27	Development of a printed paper-based origami electrochemical sensor for the detection of heavy metals in water. , 2019, , .		1
28	Development of an educational tool to teach primary school pupils multiplication tables. , 2015, , .		0
29	Colorimetric system for paper-based assays. , 2019, , .		0