

# Suzanne Smith

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

441  
citations

840585

11  
h-index

839398

18  
g-index

30  
all docs

30  
docs citations

30  
times ranked

625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Triboelectric Effect Enabled Self-Powered, Point-of-Care Diagnostics: Opportunities for Developing ASSURED and REASSURED Devices. <i>Micromachines</i> , 2021, 12, 337.	1.4	13
2	Emerging Technology Solutions Towards REASSURED Point-of-Need Diagnostics. , 2021, , .		3
3	Grapheneâ€AuNP Enhanced Inkjetâ€Printed Silver Nanoparticle Paper Electrodes for the Detection of Nickel(II)â€Dimethylglyoxime [Ni(dmgh <sub>2</sub> )] Complexes by Adsorptive Cathodic Stripping Voltammetry (AdCSV). <i>Electroanalysis</i> , 2020, 32, 3017-3031.	1.5	15
4	Printed Functionality for Point-of-Need Diagnostics in Resource-Limited Settings. , 2020, , .		4
5	Wireless colorimetric readout to enable resource-limited point-of-care. <i>Lab on A Chip</i> , 2019, 19, 3344-3353.	3.1	10
6	Printed Paperâ€Based Electrochemical Sensors for Low-Cost Point-of-Need Applications. <i>Electrocatalysis</i> , 2019, 10, 342-351.	1.5	23
7	Inkjetâ€Printed interconnects for unpackaged dies in printed electronics. <i>Electronics Letters</i> , 2019, 55, 252-254.	0.5	6
8	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. <i>Electrocatalysis</i> , 2019, 10, 149-155.	1.5	21
9	Colorimetric system for paper-based assays. , 2019, , .		0
10	Inductor design for inkjet-printed electronics. , 2019, , .		1
11	Printed, flexible wireless temperature logging system. , 2019, , .		2
12	Development of a printed paper-based origami electrochemical sensor for the detection of heavy metals in water. , 2019, , .		1
13	Functional screen printed radio frequency identification tags on flexible substrates, facilitating low-cost and integrated point-of-care diagnostics. <i>Flexible and Printed Electronics</i> , 2018, 3, 025002.	1.5	19
14	The potential of paper-based diagnostics to meet the ASSURED criteria. <i>RSC Advances</i> , 2018, 8, 34012-34034.	1.7	97
15	A Low-Cost Inkjet-Printed Paper-Based Potentiostat â€. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 968.	1.3	23
16	Development of paper-based electrochemical sensors for water quality monitoring. , 2017, , .		2
17	Development of paper-based wireless communication modules for point-of-care diagnostic applications. , 2017, , .		1
18	Novel functionalities of hybrid paper-polymer centrifugal devices for assay performance enhancement. <i>Biomicrofluidics</i> , 2017, 11, 054101.	1.2	14

#	ARTICLE	IF	CITATIONS
19	Microfluidic Cartridges for Automated, Point-of-Care Blood Cell Counting. SLAS Technology, 2017, 22, 176-185.	1.0	12
20	A low-cost potentiostat for point-of-need diagnostics. , 2017, , .		7
21	CD-Based Microfluidics for Primary Care in Extreme Point-of-Care Settings. Micromachines, 2016, 7, 22.	1.4	88
22	Blister pouches for effective reagent storage on microfluidic chips for blood cell counting. Microfluidics and Nanofluidics, 2016, 20, 1.	1.0	25
23	Blister pouches for effective reagent storage and release for low cost point-of-care diagnostic applications. Proceedings of SPIE, 2016, , .	0.8	3
24	Paper-based smart microfluidics for education and low-cost diagnostics. South African Journal of Science, 2015, 111, 10.	0.3	18
25	Sample to answer visualization pipeline for low-cost point-of-care blood cell counting. , 2015, , .		3
26	Development of an educational tool to teach primary school pupils multiplication tables. , 2015, , .		0
27	Inkjet-printed Silver Tracks on Different Paper Substrates. Materials Today: Proceedings, 2015, 2, 3891-3900.	0.9	24
28	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
29	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