Steven M Russell

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5164315/publications.pdf

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12	341	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	458
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biosensors for Managing the COVID-19 Cytokine Storm: Challenges Ahead. ACS Sensors, 2020, 5, 1506-1513.	7.8	60
2	Nanoparticle-based mobile biosensors for the rapid detection of sepsis biomarkers in whole blood. Nanoscale Advances, 2020, 2, 1253-1260.	4.6	52
3	Paper biosensors for detecting elevated IL-6 levels in blood and respiratory samples from COVID-19 patients. Sensors and Actuators B: Chemical, 2021, 330, 129333.	7.8	49
4	Augmented Reality for Real-Time Detection and Interpretation of Colorimetric Signals Generated by Paper-Based Biosensors. ACS Sensors, 2017, 2, 848-853.	7.8	39
5	Multifunctional motion-to-color janus transducers for the rapid detection of sepsis biomarkers in whole blood. Biosensors and Bioelectronics, 2019, 140, 111346.	10.1	31
6	Nanoparticle transfer biosensors for the non-invasive detection of SARS-CoV-2 antigens trapped in surgical face masks. Sensors and Actuators B: Chemical, 2021, 345, 130347.	7.8	21
7	Micro- and nanosensors for detecting blood pathogens and biomarkers at different points of sepsis care. Mikrochimica Acta, 2022, 189, 74.	5.0	20
8	Origami-enabled signal amplification for paper-based colorimetric biosensors. Sensors and Actuators B: Chemical, 2018, 273, 951-954.	7.8	19
9	Policy Considerations for Mobile Biosensors. ACS Sensors, 2018, 3, 1059-1068.	7.8	17
10	Rapid Detection of Pseudomonas aeruginosa Biofilms via Enzymatic Liquefaction of Respiratory Samples. ACS Sensors, 2020, 5, 3956-3963.	7.8	17
11	Mobile origami immunosensors for the rapid detection of urinary tract infections. Analyst, The, 2020, 145, 7916-7921.	3.5	11
12	A Robust and User-Friendly Alternative to Densitometry Using Origami Biosensors and Digital Logic. ACS Sensors, 2018, 3, 1712-1718.	7.8	5