

Peter B Lillehoj

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.

26

papers

993

citations

16

h-index

31

g-index

33

ext. papers

1,168

ext. citations

6.4

avg, IF

5.19

L-index

#	Paper	IF	Citations
26	Rapid electrochemical detection on a mobile phone. <i>Lab on A Chip</i> , 2013 , 13, 2950-5	7.2	215
25	DNA diagnostics: nanotechnology-enhanced electrochemical detection of nucleic acids. <i>Pediatric Research</i> , 2010 , 67, 458-68	3.2	106
24	Coffee ring aptasensor for rapid protein detection. <i>Langmuir</i> , 2013 , 29, 8440-6	4	84
23	A self-pumping lab-on-a-chip for rapid detection of botulinum toxin. <i>Lab on A Chip</i> , 2010 , 10, 2265-70	7.2	61
22	Microfluidic Magneto Immunosensor for Rapid, High Sensitivity Measurements of SARS-CoV-2 Nucleocapsid Protein in Serum. <i>ACS Sensors</i> , 2021 , 6, 1270-1278	9.2	55
21	Rapid, electrical impedance detection of bacterial pathogens using immobilized antimicrobial peptides. <i>Journal of the Association for Laboratory Automation</i> , 2014 , 19, 42-9		51
20	Smartphones for cell and biomolecular detection. <i>Annals of Biomedical Engineering</i> , 2014 , 42, 2205-17	4.7	48
19	Enzyme-free electrochemical immunosensor based on methylene blue and the electro-oxidation of hydrazine on Pt nanoparticles. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 372-377	11.8	47
18	Embroidered electrochemical sensors for biomolecular detection. <i>Lab on A Chip</i> , 2016 , 16, 2093-8	7.2	47
17	3D printed metal molds for hot embossing plastic microfluidic devices. <i>Lab on A Chip</i> , 2017 , 17, 241-247	7.2	41
16	In vitro study of biofilm formation and effectiveness of antimicrobial treatment on various dental material surfaces. <i>Molecular Oral Microbiology</i> , 2010 , 25, 384-90	4.6	36
15	Embroidered electrochemical sensors on gauze for rapid quantification of wound biomarkers. <i>Biosensors and Bioelectronics</i> , 2017 , 98, 189-194	11.8	32
14	An ultrasensitive enzyme-free electrochemical immunosensor based on redox cycling amplification using methylene blue. <i>Analyst, The</i> , 2017 , 142, 3492-3499	5	29
13	Wash-free, label-free immunoassay for rapid electrochemical detection of PfHRP2 in whole blood samples. <i>Scientific Reports</i> , 2018 , 8, 17129	4.9	26
12	Continuous sorting of heterogeneous-sized embryoid bodies. <i>Lab on A Chip</i> , 2010 , 10, 1678-82	7.2	23
11	Microneedle-based skin patch for blood-free rapid diagnostic testing. <i>Microsystems and Nanoengineering</i> , 2020 , 6, 96	7.7	19
10	Stability of UV/ozone-treated thermoplastics under different storage conditions for microfluidic analytical devices. <i>RSC Advances</i> , 2017 , 7, 37374-37379	3.7	16

9	Bioanalytical and chemical sensors using living taste, olfactory, and neural cells and tissues: a short review. <i>Analyst, The</i> , 2015 , 140, 7048-61	5	13
8	Ultrasonication on a microfluidic chip to lyse single and multiple <i>Pseudo-nitzschia</i> for marine biotoxin analysis. <i>Biotechnology Journal</i> , 2011 , 6, 150-5	5.6	12
7	Electrochemical Biosensors for Cytokine Profiling: Recent Advancements and Possibilities in the Near Future. <i>Biosensors</i> , 2021 , 11,	5.9	11
6	Lateral flow immunochromatographic assay on a single piece of paper. <i>Analyst, The</i> , 2021 , 146, 1084-1090	5.9	6
5	A long-term, stable hydrophilic poly(dimethylsiloxane) coating for capillary-based pumping 2010 ,		5
4	Self-Ranging Thumb-sized Multichannel Electrochemical Instrument for Global Wearable Point-of-Care Sensing 2018 ,		4
3	Embroidered biosensors on gauze for rapid electrochemical measurements 2017 ,		2
2	Electrochemical Detection in Stacked Paper Networks. <i>Journal of the Association for Laboratory Automation</i> , 2015 , 20, 506-10		1
1	New Developments in Global Health Technologies. <i>Journal of the Association for Laboratory Automation</i> , 2014 , 19, 223-224		1