

# Gayan C Bandara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8869135/publications.pdf>

Version: 2024-02-01

7  
papers

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citations

1684188

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1720034

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times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of water contamination from hydraulic fracturing wastewater: a $\mu$ PAD for bromide analysis in natural waters. <i>Analyst</i> , The, 2015, 140, 5501-5507.	3.5	36
2	Patterned polycaprolactone-filled glass microfiber microfluidic devices for total protein content analysis. <i>Talanta</i> , 2018, 176, 589-594.	5.5	25
3	Chromatographic Separation and Visual Detection on Wicking Microfluidic Devices: Quantitation of $\text{Cu}^{2+}$ in Surface, Ground, and Drinking Water. <i>Analytical Chemistry</i> , 2018, 90, 2594-2600.	6.5	23
4	New paper-based microfluidic tools for the analysis of blood serum protein and creatinine built via aerosolized deposition of polycaprolactone. <i>Analytical Methods</i> , 2018, 10, 2994-3000.	2.7	13
5	A microfluidic detection system for quantitation of copper incorporating a wavelength-ratiometric fluorescent quantum dot pair. <i>Analytical Methods</i> , 2017, 9, 1125-1132.	2.7	10
6	Wicking microfluidic approach to separate blood plasma from whole blood to facilitate downstream assays. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4511-4520.	3.7	4
7	Oxygen radical-driven surface modification of polycaprolactone-filled glass microfiber media: Probing the surface chemistry of wicking microfluidic devices. <i>Surface and Interface Analysis</i> , 2019, 51, 840-848.	1.8	1