

Gert I J Salentijn

List of Publications by Year in descending order

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16
papers

607
citations

840776

11
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940533

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16
docs citations

16
times ranked

919
citing authors

#	ARTICLE	IF	CITATIONS
1	Fused Deposition Modeling 3D Printing for (Bio)analytical Device Fabrication: Procedures, Materials, and Applications. <i>Analytical Chemistry</i> , 2017, 89, 7053-7061.	6.5	162
2	3D-Printed Paper Spray Ionization Cartridge with Fast Wetting and Continuous Solvent Supply Features. <i>Analytical Chemistry</i> , 2014, 86, 11657-11665.	6.5	71
3	Critical assessment of recent trends related to screening and confirmatory analytical methods for selected food contaminants and allergens. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 121, 115688.	11.4	66
4	Reinventing (Bio)chemical Analysis with Paper. <i>Analytical Chemistry</i> , 2018, 90, 13815-13825.	6.5	58
5	Unraveling the Hook Effect: A Comprehensive Study of High Antigen Concentration Effects in Sandwich Lateral Flow Immunoassays. <i>Analytical Chemistry</i> , 2020, 92, 15587-15595.	6.5	58
6	A Critical Comparison between Flow-through and Lateral Flow Immunoassay Formats for Visual and Smartphone-Based Multiplex Allergen Detection. <i>Biosensors</i> , 2019, 9, 143.	4.7	45
7	Water-based alkyl ketene dimer ink for user-friendly patterning in paper microfluidics. <i>Analytica Chimica Acta</i> , 2018, 1000, 180-190.	5.4	27
8	Solvent-dependent on/off valving using selectively permeable barriers in paper microfluidics. <i>Lab on A Chip</i> , 2016, 16, 1013-1021.	6.0	26
9	3D-Printed Paper Spray Ionization Cartridge with Integrated Desolvation Feature and Ion Optics. <i>Analytical Chemistry</i> , 2017, 89, 11419-11426.	6.5	25
10	Leveraging 3D printing to enhance mass spectrometry: A review. <i>Analytica Chimica Acta</i> , 2021, 1166, 338332.	5.4	17
11	Rapid Distinction and Semiquantitative Analysis of THC and CBD by Silver-Impregnated Paper Spray Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 3794-3802.	6.5	15
12	Interconnectable solid-liquid protein extraction unit and chip-based dilution for multiplexed consumer immunodiagnosics. <i>Analytica Chimica Acta</i> , 2020, 1140, 190-198.	5.4	13
13	Novel Ion Trap Scan Modes to Develop Criteria for On-Site Detection of Sulfonamide Antibiotics. <i>Analytical Chemistry</i> , 2021, 93, 13904-13911.	6.5	10
14	Countercurrent liquid-liquid extraction on paper. <i>Lab on A Chip</i> , 2017, 17, 3401-3404.	6.0	7
15	Enhanced passive mixing for paper microfluidics. <i>RSC Advances</i> , 2021, 11, 25677-25685.	3.6	4
16	Bifunctional ligand-mediated amplification of polydiacetylene response to biorecognition of diethylstilbestrol for on-site smartphone detection. <i>Journal of Hazardous Materials</i> , 2022, 432, 128692.	12.4	3