

Valery Patsekin

List of Publications by Year in descending order

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16
papers

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1040056

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docs citations

16
times ranked

703
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperspectral cytometry at the single-cell level using a 32-channel photodetector. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 35-44.	1.5	69
2	Light-scattering sensor for real-time identification of <i>Vibrio parahaemolyticus</i> , <i>Vibrio vulnificus</i> and <i>Vibrio cholerae</i> colonies on solid agar plate. <i>Microbial Biotechnology</i> , 2012, 5, 607-620.	4.2	48
3	Computational analysis of high-throughput flow cytometry data. <i>Expert Opinion on Drug Discovery</i> , 2012, 7, 679-693.	5.0	40
4	Discovering the unknown: Detection of emerging pathogens using a label-free light-scattering system. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2010, 77A, 1103-1112.	1.5	37
5	Alternatives to current flow cytometry data analysis for clinical and research studies. <i>Methods</i> , 2018, 134-135, 113-129.	3.8	26
6	High-Throughput Secondary Screening at the Single-Cell Level. <i>Journal of the Association for Laboratory Automation</i> , 2013, 18, 85-98.	2.8	15
7	Portable bacterial identification system based on elastic light scatter patterns. <i>Journal of Biological Engineering</i> , 2012, 6, 12.	4.7	14
8	Detection of E. coli labeled with metal-conjugated antibodies using lateral-flow assay and laser-induced breakdown spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 1291-1301.	3.7	13
9	Hyperspectral Cytometry. <i>Current Topics in Microbiology and Immunology</i> , 2013, 377, 191-210.	1.1	12
10	Development of a microbial high-throughput screening instrument based on elastic light scatter patterns. <i>Review of Scientific Instruments</i> , 2012, 83, 044304.	1.3	9
11	Classification of <i>Arcobacter</i> species using variational autoencoders. , 2019, , .		5
12	Elastic Light Scatter Pattern Analysis for the Expedited Detection of <i>Yersinia</i> Species in Pork Mince: Proof of Concept. <i>Frontiers in Microbiology</i> , 2021, 12, 641801.	3.5	3
13	A Portable Spark-Induced Breakdown Spectroscopic (SIBS) Instrument and its Analytical Performance. <i>Applied Spectroscopy</i> , 2019, 73, 698-708.	2.2	2
14	Multiplexed detection of lanthanides using laser-induced breakdown spectroscopy: a survey of data analysis techniques. , 2019, , .		2
15	Development of a Smartphone-Integrated Reflective Scatterometer for Bacterial Identification. <i>Sensors</i> , 2022, 22, 2646.	3.8	1
16	Identification of colonies of cultured shellfish-associated <i>Arcobacter</i> species by Elastic Light Scatter Analysis. <i>Current Research in Microbial Sciences</i> , 2021, 2, 100033.	2.3	0