

# Olivier Paquet-Durand

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3582842/publications.pdf>

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13  
papers

119  
citations

1307594

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1281871

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#	ARTICLE	IF	CITATIONS
1	Application of Two-Dimensional Fluorescence Spectroscopy for the On-Line Monitoring of Teff-Based Substrate Fermentation Inoculated with Certain Probiotic Bacteria. <i>Foods</i> , 2022, 11, 1171.	4.3	4
2	Parameter and state estimation of baker's yeast cultivation with a gas sensor array and unscented Kalman filter. <i>Engineering in Life Sciences</i> , 2021, 21, 170-180.	3.6	6
3	Spectroscopic analysis of chia seeds. <i>Scientific Reports</i> , 2021, 11, 9253.	3.3	1
4	Anomaly detection during milk processing by autoencoder neural network based on near-infrared spectroscopy. <i>Journal of Food Engineering</i> , 2021, 299, 110510.	5.2	26
5	Chia Oil Adulteration Detection Based on Spectroscopic Measurements. <i>Foods</i> , 2021, 10, 1798.	4.3	3
6	Model-based calibration of a gas sensor array for on-line monitoring of ethanol concentration in <i>Saccharomyces cerevisiae</i> batch cultivation. <i>Biosystems Engineering</i> , 2020, 198, 198-209.	4.3	17
7	The Kalman Filter for the Supervision of Cultivation Processes. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2020, 177, 95-125.	1.1	7
8	Closed loop control system for dough fermentation based on image processing. <i>Journal of Food Process Engineering</i> , 2018, 41, e12801.	2.9	7
9	Artificial neural network for bioprocess monitoring based on fluorescence measurements: Training without offline measurements. <i>Engineering in Life Sciences</i> , 2017, 17, 874-880.	3.6	11
10	Optimal Design of Experiments Based on Bootstrapping. <i>Chemie-Ingenieur-Technik</i> , 2017, 89, 1752-1758.	0.8	0
11	Supervision of Food Manufacturing Processes Using Optical Process Analyzers – An Overview. <i>ChemBioEng Reviews</i> , 2016, 3, 219-228.	4.4	13
12	A case study on using evolutionary algorithms to optimize bakery production planning. <i>Expert Systems With Applications</i> , 2013, 40, 6837-6847.	7.6	24
13	Online State Prediction of <i>S. cerevisiae</i> Cultivation Purely Based on Ethanol Gas Sensors and an Observer. , 0, , .		0