

Jordi Ferrer Savall

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5046905/publications.pdf>

Version: 2024-02-01

10
papers

255
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

283
citing authors

#	ARTICLE	IF	CITATIONS
1	Individual-based Modelling: An Essential Tool for Microbiology. <i>Journal of Biological Physics</i> , 2008, 34, 19-37.	1.5	77
2	Mathematical modelling methodologies in predictive food microbiology: A SWOT analysis. <i>International Journal of Food Microbiology</i> , 2009, 134, 2-8.	4.7	46
3	Individual-based modelling of bacterial cultures to study the microscopic causes of the lag phase. <i>Journal of Theoretical Biology</i> , 2006, 241, 939-953.	1.7	33
4	Analysis and IbM simulation of the stages in bacterial lag phase: Basis for an updated definition. <i>Journal of Theoretical Biology</i> , 2008, 252, 56-68.	1.7	31
5	Management of nurse shortage and its impact on pathogen dissemination in the intensive care unit. <i>Epidemics</i> , 2014, 9, 62-69.	3.0	21
6	Modelling Salmonella transmission among pigs from farm to slaughterhouse: Interplay between management variability and epidemiological uncertainty. <i>International Journal of Food Microbiology</i> , 2016, 229, 33-43.	4.7	13
7	Individual-based model and simulation of Plasmodium falciparum infected erythrocyte in vitro cultures. <i>Journal of Theoretical Biology</i> , 2007, 248, 448-459.	1.7	12
8	Individual-based modelling and simulation of microbial processes: yeast fermentation and multi-species composting. <i>Mathematical and Computer Modelling of Dynamical Systems</i> , 2010, 16, 489-510.	2.2	11
9	Effect of the haematocrit layer geometry on Plasmodium falciparum static thin-layer in vitro cultures. <i>Malaria Journal</i> , 2008, 7, 203.	2.3	9
10	Thermodynamic Concepts in the Study of Microbial Populations: Age Structure in Plasmodium falciparum Infected Red Blood Cells. <i>PLoS ONE</i> , 2011, 6, e26690.	2.5	2