

Hiroaki Shirai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4438087/publications.pdf>

Version: 2024-02-01

6
papers

60
citations

1937685

4
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

92
citing authors

#	ARTICLE	IF	CITATIONS
1	Penetration of aerobic bacteria into meat: A mechanistic understanding. Journal of Food Engineering, 2017, 196, 193-207.	5.2	22
2	Detection of fluorescence signals from ATP in the second derivative excitation-emission matrix of a pork meat surface for cleanliness evaluation. Journal of Food Engineering, 2016, 168, 173-179.	5.2	17
3	Nondestructive Hygiene Monitoring on Pork Meat Surface Using Excitation-Emission Matrices with Two-Dimensional Savitzky-Golay Second-Order Differentiation. Food and Bioprocess Technology, 2014, 7, 3455-3465.	4.7	7
4	Bacterial proteolytic activity improves drug delivery in tumors in a size, pharmacokinetic, and binding affinity dependent manner - A mechanistic understanding. Journal of Controlled Release, 2020, 321, 348-362.	9.9	6
5	Characterizing the interactions between copper ions and dissolved organic matter using fluorescence excitation-emission matrices with two-dimensional Savitzky-Golay second-order differentiation. Ecotoxicology and Environmental Safety, 2020, 188, 109834.	6.0	4
6	pH-taxis drives aerobic bacteria in duodenum to migrate into the pancreas with tumors. Scientific Reports, 2022, 12, 1783.	3.3	4