

Enrica Santolini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4068012/publications.pdf>

Version: 2024-02-01

13
papers

199
citations

1162889

8
h-index

1372474

10
g-index

13
all docs

13
docs citations

13
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of geometrical and seasonal effects on the natural ventilation of a pig barn using CFD simulations. Computers and Electronics in Agriculture, 2022, 193, 106652.	3.7	7
2	Analysis of the effects of shading screens on the microclimate of greenhouses and glass facade buildings. Building and Environment, 2022, 211, 108691.	3.0	17
3	A computer vision approach based on deep learning for the detection of dairy cows in free stall barn. Computers and Electronics in Agriculture, 2021, 182, 106030.	3.7	56
4	Turning Agricultural Wastes into Biomaterials: Assessing the Sustainability of Scenarios of Circular Valorization of Corn Cob in a Life-Cycle Perspective. Applied Sciences (Switzerland), 2021, 11, 6281.	1.3	18
5	Behavior and Welfare of Undocked Heavy Pigs Raised in Buildings with Different Ventilation Systems. Animals, 2021, 11, 2338.	1.0	10
6	Methodology for sensor calibration in agro-industrial facilities. , 2021, , .		1
7	Development of a low-cost movable hot box for a preliminary definition of the thermal conductance of building envelopes. Building and Environment, 2020, 180, 107034.	3.0	8
8	A Smart Monitoring System for a Future Smarter Dairy Farming. , 2020, , .		10
9	A Smart Monitoring System for Self-sufficient Integrated Multi-Trophic AquaPonic. , 2020, , .		4
10	Novel methodologies for the characterization of airflow properties of shading screens by means of wind-tunnel experiments and CFD numerical modeling. Computers and Electronics in Agriculture, 2019, 163, 104800.	3.7	12
11	Numerical simulations for the optimisation of ventilation system designed for wine cellars. Journal of Agricultural Engineering, 2019, 50, 180-190.	0.7	8
12	Numerical study of wind-driven natural ventilation in a greenhouse with screens. Computers and Electronics in Agriculture, 2018, 149, 41-53.	3.7	43
13	Calibration and comparison of different CFD approaches for airflow analysis in a glass greenhouse. Journal of Agricultural Engineering, 2017, 48, 49-52.	0.7	5