Patrizia Busato

List of Publications by Year
in descending order

19 papers	1,882 citations	840119 11 h-index	794141 19 g-index
19 all docs	19 docs citations	19 times ranked	2005 citing authors

#	Article	IF	Citations
1	Machine Learning in Agriculture: A Review. Sensors, 2018, 18, 2674.	2.1	1,392
2	Advances in agricultural machinery management: A review. Biosystems Engineering, 2014, 126, 69-81.	1.9	188
3	Benefits from optimal route planning based on B-patterns. Biosystems Engineering, 2013, 115, 389-395.	1.9	52
4	A web mobile application for agricultural machinery cost analysis. Computers and Electronics in Agriculture, 2016, 130, 158-168.	3.7	49
5	Energy Savings from Optimised In-Field Route Planning for Agricultural Machinery. Sustainability, 2017, 9, 1956.	1.6	41
6	Proposing UGV and UAV Systems for 3D Mapping of Orchard Environments. Sensors, 2022, 22, 1571.	2.1	18
7	A simulation model for a rice-harvesting chain. Biosystems Engineering, 2015, 129, 149-159.	1.9	15
8	Minimising manpower in rice harvesting and transportation operations. Biosystems Engineering, 2016, 151, 435-445.	1.9	15
9	Model for Energy Analysis of Miscanthus Production and Transportation. Energies, 2016, 9, 392.	1.6	14
10	Optimisation tool for logistics operations in silage production. Biosystems Engineering, 2019, 180, 146-160.	1.9	14
11	A combined simulation and linear programming method for scheduling organic fertiliser application. Biosystems Engineering, 2019, 178, 233-243.	1.9	13
12	A web-based tool for biomass production systems. Biosystems Engineering, 2014, 120, 102-116.	1.9	12
13	Comparison of distribution systems for biogas plant residual. Biomass and Bioenergy, 2013, 52, 139-150.	2.9	11
14	DSS tool for the implementation and operation of an umbilical system applying organic fertiliser. Biosystems Engineering, 2013, 114, 9-20.	1.9	11
15	Green, Yellow, and Woody Biomass Supply-Chain Management: A Review. Energies, 2019, 12, 3020.	1.6	11
16	A cost prediction model for machine operation in multi-field production systems. Scientia Agricola, 2016, 73, 397-405.	0.6	8
17	Gaseous Emissions after Soil Application of Pellet Made from Composted Pig Slurry Solid Fraction: Effect of Application Method and Pellet Diameter. Agriculture (Switzerland), 2018, 8, 119.	1.4	7
18	A Web-Based Tool for Energy Balance Estimation in Multiple-Crops Production Systems. Sustainability, 2017, 9, 789.	1.6	6

#	Article	IF	Citations
19	Effect of Densification Conditions on Specific Energy Requirements and Physical Properties of Compacts Made from Hop Cone. Energies, 2018, 11, 2389.	1.6	5