

# Opportunities and Challenges for Big Data in Agriculture

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#	ARTICLE	IF	CITATIONS
1	Adoption of Labor-Saving Technologies in Agriculture. Annual Review of Resource Economics, 2018, 10, 185-206.	1.5	29
2	Adoption of precision agriculture technologies in Ontario crop production. Canadian Journal of Plant Science, 2018, 98, 1384-1388.	0.3	34
3	Fault Analysis System for Agricultural Machinery Based on Big Data. IEEE Access, 2019, 7, 99136-99151.	2.6	22
4	Data-Driven Decision Making in Precision Agriculture: The Rise of Big Data in Agricultural Systems. Journal of Agricultural and Food Information, 2019, 20, 344-380.	1.1	102
5	Sustainable Crop Production Systems and Human Nutrition. Frontiers in Sustainable Food Systems, 2019, 3, .	1.8	24
6	Revolution 4.0: Industry vs. Agriculture in a Future Development for SMEs. Processes, 2019, 7, 36.	1.3	227
7	How flat is flat? Measuring payoff functions and the implications for site-specific crop management. Computers and Electronics in Agriculture, 2019, 162, 459-465.	3.7	9
8	Looking through a responsible innovation lens at uneven engagements with digital farming. Njas - Wageningen Journal of Life Sciences, 2019, 90-91, 1-6.	7.9	102
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18	Managing the drone revolution: A systematic literature review into the current use of airborne drones and future strategic directions for their effective control. Journal of Air Transport Management, 2020, 89, 101929.	2.4	111

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21	Toward a Big Data Knowledge-Base Management System for Precision Livestock Farming. <i>Procedia Computer Science</i> , 2020, 177, 136-142.	1.2	13
22	Digitalization in the agri-food industry: the relationship between technology and sustainable development. <i>Management Decision</i> , 2020, 58, 1737-1757.	2.2	56
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