

# Kiril Manevski

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43  
papers

620  
citations

14  
h-index

24  
g-index

49  
ext. papers

814  
ext. citations

5.3  
avg, IF

4.05  
L-index

#	Paper	IF	Citations
43	Crop rotation modelling – A European model intercomparison. <i>European Journal of Agronomy</i> , <b>2015</b> , 70, 98-111	5	93
42	Reduced nitrogen leaching by intercropping maize with red fescue on sandy soils in North Europe: a combined field and modeling study. <i>Plant and Soil</i> , <b>2015</b> , 388, 67-85	4.2	49
41	Biomass productivity and radiation utilisation of innovative cropping systems for biorefinery. <i>Agricultural and Forest Meteorology</i> , <b>2017</b> , 233, 250-264	5.8	42
40	Discrimination of common Mediterranean plant species using field spectroradiometry. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2011</b> , 13, 922-933	7.3	42
39	Performance of process-based models for simulation of grain N in crop rotations across Europe. <i>Agricultural Systems</i> , <b>2017</b> , 154, 63-77	6.1	35
38	Using NDVI percentiles to monitor real-time crop growth. <i>Computers and Electronics in Agriculture</i> , <b>2019</b> , 162, 357-363	6.5	28
37	Nitrogen balances of innovative cropping systems for feedstock production to future biorefineries. <i>Science of the Total Environment</i> , <b>2018</b> , 633, 372-390	10.2	28
36	Heavy Metal Soil Contamination Detection Using Combined Geochemistry and Field Spectroradiometry in the United Kingdom. <i>Sensors</i> , <b>2019</b> , 19,	3.8	28
35	Multi-model uncertainty analysis in predicting grain N for crop rotations in Europe. <i>European Journal of Agronomy</i> , <b>2017</b> , 84, 152-165	5	26
34	Optimising crop production and nitrate leaching in China: Measured and simulated effects of straw incorporation and nitrogen fertilisation. <i>European Journal of Agronomy</i> , <b>2016</b> , 80, 32-44	5	26
33	Crude protein yield and theoretical extractable true protein of potential biorefinery feedstocks. <i>Industrial Crops and Products</i> , <b>2018</b> , 115, 214-226	5.9	23
32	Investigating the effect of <i>Azospirillum brasilense</i> and <i>Rhizobium pisi</i> on agronomic traits of wheat ( <i>Triticum aestivum</i> L.). <i>Archives of Agronomy and Soil Science</i> , <b>2019</b> , 65, 1554-1564	2	16
31	Variation of gross primary production, evapotranspiration and water use efficiency for global croplands. <i>Agricultural and Forest Meteorology</i> , <b>2020</b> , 287, 107935	5.8	15
30	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2012</b> , 5, 604-616	4.7	14
29	Soil Respiration at Different Stand Ages (5, 10, and 20/30 Years) in Coniferous ( <i>Pinus tabulaeformis</i> Carrière) and Deciduous ( <i>Populus davidiana</i> Dode) Plantations in a Sandstorm Source Area. <i>Forests</i> , <b>2016</b> , 7, 153	2.8	14
28	Integrated modelling of crop production and nitrate leaching with the Daisy model. <i>MethodsX</i> , <b>2016</b> , 3, 350-63	1.9	13
27	Estimation of land-surface evaporation at four forest sites across Japan with the new nonlinear complementary method. <i>Scientific Reports</i> , <b>2017</b> , 7, 17793	4.9	12

26	Did water-saving irrigation protect water resources over the past 40 years? A global analysis based on water accounting framework. <i>Agricultural Water Management</i> , <b>2021</b> , 249, 106793	5.9	12
25	Impact of rice straw biochar and irrigation on maize yield, intercepted radiation and water productivity in a tropical sandy clay loam. <i>Field Crops Research</i> , <b>2019</b> , 243, 107628	5.5	11
24	Uncertainties in simulating N uptake, net N mineralization, soil mineral N and N leaching in European crop rotations using process-based models. <i>Field Crops Research</i> , <b>2020</b> , 255, 107863	5.5	11
23	Denitrification Rate and Controlling Factors for Accumulated Nitrate in the Deep Subsoil of Intensive Farmlands: A Case Study in the North China Plain. <i>Pedosphere</i> , <b>2019</b> , 29, 516-526	5	9
22	In situ litter decomposition and nutrient release from forest trees along an elevation gradient in Central Himalaya. <i>Catena</i> , <b>2020</b> , 194, 104698	5.8	7
21	Effect of poplar trees on nitrogen and water balance in outdoor pig production - A case study in Denmark. <i>Science of the Total Environment</i> , <b>2019</b> , 646, 1448-1458	10.2	6
20	Hyperspectral Remote Sensing with Emphasis on Land Cover Mapping: From Ground to Satellite Observations <b>2014</b> , 285-320		5
19	Modelling agro-environmental variables under data availability limitations and scenario managements in an alluvial region of the North China Plain. <i>Environmental Modelling and Software</i> , <b>2019</b> , 111, 94-107	5.2	5
18	Optimizing irrigation schedule in a large agricultural region under different hydrologic scenarios. <i>Agricultural Water Management</i> , <b>2021</b> , 245, 106575	5.9	5
17	Characteristics and influencing factors of crop coefficient for drip-irrigated cotton under plastic-mulched condition in arid environment. <i>J Agricultural Meteorology</i> , <b>2018</b> , 74, 1-8	1.1	5
16	Partial root-zone drying irrigation increases water-use efficiency of tobacco plants amended with biochar. <i>Industrial Crops and Products</i> , <b>2021</b> , 166, 113487	5.9	5
15	Biochar and alternate wetting-drying cycles improving rhizosphere soil nutrients availability and tobacco growth by altering root growth strategy in Ferralsol and Anthrosol. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 150513	10.2	5
14	Abiotic mechanisms for biochar effects on soil N <sub>2</sub> O emission. <i>International Agrophysics</i> , <b>2019</b> , 33, 537-546		4
13	Spectroradiometry as a tool for monitoring soil contamination by heavy metals in a floodplain site <b>2020</b> , 249-268		4
12	Environmental constraints to net primary productivity at northern latitudes: A study across scales of radiation interception and biomass production of potato. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2021</b> , 94, 102232	7.3	4
11	Diurnal and Seasonal Mapping of Water Deficit Index and Evapotranspiration by an Unmanned Aerial System: A Case Study for Winter Wheat in Denmark. <i>Remote Sensing</i> , <b>2021</b> , 13, 2998	5	3
10	Field-Scale Sensitivity of Vegetation Discrimination to Hyperspectral Reflectance and Coupled Statistics <b>2017</b> , 103-121		2
9	The use of computer simulation models in precision nutrient management <b>2015</b> , 407-412		2

8	Random forest regression results in accurate assessment of potato nitrogen status based on multispectral data from different platforms and the critical concentration approach. <i>Field Crops Research</i> , <b>2021</b> , 268, 108158	5.5	2
7	A Framework for the Heterogeneity and Ecosystem Services of Farmland Landscapes: An Integrative Review. <i>Sustainability</i> , <b>2021</b> , 13, 12463	3.6	1
6	An improved microelectrode method reveals significant emission of nitrous oxide from the rhizosphere of a long-term fertilized soil in the North China Plain. <i>Science of the Total Environment</i> , <b>2021</b> , 783, 147011	10.2	1
5	Long-term warming and nitrogen fertilization affect C-, N- and P-acquiring hydrolase and oxidase activities in winter wheat monocropping soil. <i>Scientific Reports</i> , <b>2021</b> , 11, 18542	4.9	1
4	Human activities modulate greening patterns: a case study for southern Xinjiang in China based on long time series analysis. <i>Environmental Research Letters</i> , <b>2022</b> , 17, 044012	6.2	1
3	Farm-scale practical strategies to increase nitrogen use efficiency and reduce nitrogen footprint in crop production across the North China Plain. <i>Field Crops Research</i> , <b>2022</b> , 283, 108526	5.5	1
2	Biomass yield, yield stability and soil carbon and nitrogen content under cropping systems destined for biorefineries. <i>Soil and Tillage Research</i> , <b>2022</b> , 221, 105397	6.5	1
1	Yields and Nitrogen Dynamics in Ley-Arable Systems Comparing Different Approaches in the APSIM Model. <i>Agronomy</i> , <b>2022</b> , 12, 738	3.6	0