Kiril Manevski

List of Publications by Year
in descending order

44 papers	1,065 citations	430843 18 h-index	434170 31 g-index
49 all docs	49 docs citations	49 times ranked	1459 citing authors

#	Article	IF	Citations
1	Crop rotation modellingâ€"A European model intercomparison. European Journal of Agronomy, 2015, 70, 98-111.	4.1	125
2	Reduced nitrogen leaching by intercropping maize with red fescue on sandy soils in North Europe: a combined field and modeling study. Plant and Soil, 2015, 388, 67-85.	3.7	59
3	Using NDVI percentiles to monitor real-time crop growth. Computers and Electronics in Agriculture, 2019, 162, 357-363.	7.7	58
4	Biomass productivity and radiation utilisation of innovative cropping systems for biorefinery. Agricultural and Forest Meteorology, 2017, 233, 250-264.	4.8	53
5	Discrimination of common Mediterranean plant species using field spectroradiometry. International Journal of Applied Earth Observation and Geoinformation, 2011, 13, 922-933.	2.8	50
6	Did water-saving irrigation protect water resources over the past 40 years? A global analysis based on water accounting framework. Agricultural Water Management, 2021, 249, 106793.	5.6	44
7	Optimising crop production and nitrate leaching in China: Measured and simulated effects of straw incorporation and nitrogen fertilisation. European Journal of Agronomy, 2016, 80, 32-44.	4.1	43
8	Performance of process-based models for simulation of grain N in crop rotations across Europe. Agricultural Systems, 2017, 154, 63-77.	6.1	43
9	Nitrogen balances of innovative cropping systems for feedstock production to future biorefineries. Science of the Total Environment, 2018, 633, 372-390.	8.0	40
10	Heavy Metal Soil Contamination Detection Using Combined Geochemistry and Field Spectroradiometry in the United Kingdom. Sensors, 2019, 19, 762.	3.8	40
11	Multi-model uncertainty analysis in predicting grain N for crop rotations in Europe. European Journal of Agronomy, 2017, 84, 152-165.	4.1	35
12	Investigating the effect of Azospirillum brasilense and Rhizobium pisi on agronomic traits of wheat (Triticum aestivum L.). Archives of Agronomy and Soil Science, 2019, 65, 1554-1564.	2.6	34
13	Crude protein yield and theoretical extractable true protein of potential biorefinery feedstocks. Industrial Crops and Products, 2018, 115, 214-226.	5.2	31
14	Variation of gross primary production, evapotranspiration and water use efficiency for global croplands. Agricultural and Forest Meteorology, 2020, 287, 107935.	4.8	30
15	Random forest regression results in accurate assessment of potato nitrogen status based on multispectral data from different platforms and the critical concentration approach. Field Crops Research, 2021, 268, 108158.	5.1	28
16	Lessons from the 2018â€"2019 European droughts: a collective need for unifying drought risk management. Natural Hazards and Earth System Sciences, 2022, 22, 2201-2217.	3.6	28
17	Biomass yield, yield stability and soil carbon and nitrogen content under cropping systems destined for biorefineries. Soil and Tillage Research, 2022, 221, 105397.	5.6	24
18	Uncertainties in simulating N uptake, net N mineralization, soil mineral N and N leaching in European crop rotations using process-based models. Field Crops Research, 2020, 255, 107863.	5.1	23

#	ARTICLE	IF	CITATIONS
19	Optimizing irrigation schedule in a large agricultural region under different hydrologic scenarios. Agricultural Water Management, 2021, 245, 106575.	5.6	20
20	Impact of rice straw biochar and irrigation on maize yield, intercepted radiation and water productivity in a tropical sandy clay loam. Field Crops Research, 2019, 243, 107628.	5.1	19
21	Biochar and alternate wetting-drying cycles improving rhizosphere soil nutrients availability and tobacco growth by altering root growth strategy in Ferralsol and Anthrosol. Science of the Total Environment, 2022, 806, 150513.	8.0	19
22	Soil Respiration at Different Stand Ages (5, 10, and 20/30 Years) in Coniferous (Pinus tabulaeformis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2016, 7, 153.	2.1	18
23	Integrated modelling of crop production and nitrate leaching with the Daisy model. MethodsX, 2016, 3, 350-363.	1.6	18
24	Estimation of land-surface evaporation at four forest sites across Japan with the new nonlinear complementary method. Scientific Reports, 2017, 7, 17793.	3.3	17
25	Spectral Discrimination of Mediterranean Maquis and Phrygana Vegetation: Results From a Case Study in Greece. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 604-616.	4.9	16
26	Denitrification Rate and Controlling Factors for Accumulated Nitrate in the Deep Subsoil of Intensive Farmlands: A Case Study in the North China Plain. Pedosphere, 2019, 29, 516-526.	4.0	16
27	In situ litter decomposition and nutrient release from forest trees along an elevation gradient in Central Himalaya. Catena, 2020, 194, 104698.	5.0	16
28	Farm-scale practical strategies to increase nitrogen use efficiency and reduce nitrogen footprint in crop production across the North China Plain. Field Crops Research, 2022, 283, 108526.	5.1	16
29	Partial root-zone drying irrigation increases water-use efficiency of tobacco plants amended with biochar. Industrial Crops and Products, 2021, 166, 113487.	5.2	14
30	Environmental constraints to net primary productivity at northern latitudes: A study across scales of radiation interception and biomass production of potato. International Journal of Applied Earth Observation and Geoinformation, 2021, 94, 102232.	2.8	11
31	Physiological and Growth Responses of Potato (Solanum Tuberosum L.) to Air Temperature and Relative Humidity under Soil Water Deficits. Plants, 2022, 11, 1126.	3.5	9
32	Modelling agro-environmental variables under data availability limitations and scenario managements in an alluvial region of the North China Plain. Environmental Modelling and Software, 2019, 111, 94-107.	4.5	8
33	Human activities modulate greening patterns: a case study for southern Xinjiang in China based on long time series analysis. Environmental Research Letters, 2022, 17, 044012.	5.2	8
34	Characteristics and influencing factors of crop coefficient for drip-irrigated cotton under plastic-mulched condition in arid environment. J Agricultural Meteorology, 2018, 74, 1-8.	1.5	7
35	Effect of poplar trees on nitrogen and water balance in outdoor pig production â€“ A case study in Denmark. Science of the Total Environment, 2019, 646, 1448-1458.	8.0	7
36	Spectroradiometry as a tool for monitoring soil contamination by heavy metals in a floodplain site. , 2020, , 249-268.		7

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37	An improved microelectrode method reveals significant emission of nitrous oxide from the rhizosphere of a long-term fertilized soil in the North China Plain. Science of the Total Environment, 2021, 783, 147011.	8.0	6
38	Abiotic mechanisms for biochar effects on soil N2O emission. International Agrophysics, 2019, 33, 537-546.	1.7	5
39	Diurnal and Seasonal Mapping of Water Deficit Index and Evapotranspiration by an Unmanned Aerial System: A Case Study for Winter Wheat in Denmark. Remote Sensing, 2021, 13, 2998.	4.0	4
40	Field-Scale Sensitivity of Vegetation Discrimination to Hyperspectral Reflectance and Coupled Statistics. , 2017, , 103-121.		2
41	The use of computer simulation models in precision nutrient management. , 2015, , 407-412.		2
42	A Framework for the Heterogeneity and Ecosystem Services of Farmland Landscapes: An Integrative Review. Sustainability, 2021, 13, 12463.	3.2	2
43	Yields and Nitrogen Dynamics in Ley-Arable Systemsâ€"Comparing Different Approaches in the APSIM Model. Agronomy, 2022, 12, 738.	3.0	2
44	Long-term warmingÂand nitrogen fertilization affect C-, N- and P-acquiring hydrolase and oxidase activities in winter wheat monocropping soil. Scientific Reports, 2021, 11, 18542.	3.3	1