Wartini Ng

List of Publications by Year
in descending order

10 papers	**632** citations

1040056

9 h-index	1372567 **10** g-index

11 all docs	**11** docs citations
11 times ranked	**570** citing authors

#	Article	IF	Citations
1	To spike or to localize? Strategies to improve the prediction of local soil properties using regional spectral library. Geoderma, 2022, 406, 115501.	5.1	25
2	Soil bacterial depth distribution controlled by soil orders and soil forms. Soil Ecology Letters, 2022, 4, 57-68.	4.5	10
3	Mid-infrared spectroscopy for accurate measurement of an extensive set of soil properties for assessing soil functions. Soil Security, 2022, 6, 100043.	2.3	35
4	Convolutional neural network for soil microplastic contamination screening using infrared spectroscopy. Science of the Total Environment, 2020, 702, 134723.	8.0	71
5	Developing a soil spectral library using a low-cost NIR spectrometer for precision fertilization in Indonesia. Geoderma Regional, 2020, 22, e00319.	2.1	26
6	The influence of training sample size on the accuracy of deep learning models for the prediction of soil properties with near-infrared spectroscopy data. Soil, 2020, 6, 565-578.	4.9	84
7	Convolutional neural network for simultaneous prediction of several soil properties using visible/near-infrared, mid-infrared, and their combined spectra. Geoderma, 2019, 352, 251-267.	5.1	262
8	Optimizing wavelength selection by using informative vectors for parsimonious infrared spectra modelling. Computers and Electronics in Agriculture, 2019, 158, 201-210.	7.7	33
9	In search of an optimum sampling algorithm for prediction of soil properties from infrared spectra. PeerJ, 2018, 6, e5722.	2.0	34
10	Rapid assessment of petroleum-contaminated soils with infrared spectroscopy. Geoderma, 2017, 289, 150-160.	5.1	43