

Wartini Ng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4815045/publications.pdf>

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