

Dong-Xue Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7191496/publications.pdf>

Version: 2024-02-01

30
papers

1,313
citations

567281

15
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

1038
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of a digital soil map and conventional soil map for management of topsoil exchangeable sodium percentage. <i>Soil Use and Management</i> , 2022, 38, 121-134.	4.9	5
2	Clay content mapping and uncertainty estimation using weighted model averaging. <i>Catena</i> , 2022, 209, 105791.	5.0	58
3	Unravelling drivers of field-scale digital mapping of topsoil organic carbon and its implications for nitrogen practices. <i>Computers and Electronics in Agriculture</i> , 2022, 193, 106640.	7.7	10
4	Spatiotemporal Pattern Evolution of Urban Ecosystem Resilience Based on "Resistance-Adaptation-Vitality": A Case Study of Nanchang City. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	10
5	Predicting soil physical and chemical properties using vis-NIR in Australian cotton areas. <i>Catena</i> , 2021, 196, 104938.	5.0	67
6	The effect of trade openness on the relationship between agricultural technology inputs and carbon emissions: evidence from a panel threshold model. <i>Environmental Science and Pollution Research</i> , 2021, 28, 9991-10004.	5.3	21
7	Proximally sensed digital data library to predict topsoil clay across multiple sugarcane fields of Australia: Applicability of local and universal support vector machine. <i>Catena</i> , 2021, 196, 104934.	5.0	2
8	Soil exchangeable cations estimation using Vis-NIR spectroscopy in different depths: Effects of multiple calibration models and spiking. <i>Computers and Electronics in Agriculture</i> , 2021, 182, 105990.	7.7	58
9	Scope to map available water content using proximal sensed electromagnetic induction and gamma-ray spectrometry data. <i>Agricultural Water Management</i> , 2021, 247, 106705.	5.6	13
10	A systematic evaluation of multisensor data and multivariate prediction methods for digitally mapping exchangeable cations: A case study in Australian sugarcane field. <i>Geoderma Regional</i> , 2021, 25, e00400.	2.1	1
11	Selecting optimal calibration samples using proximal sensing EM induction and γ -ray spectrometry data: An application to managing lime and magnesium in sugarcane growing soil. <i>Journal of Environmental Management</i> , 2021, 296, 113357.	7.8	12
12	Integration of Low-Carbon Eco-City, Green Campus and Green Building in China. <i>Green Energy and Technology</i> , 2020, , 49-78.	0.6	7
13	Two-dimensional time-lapse imaging of soil wetting and drying cycle using EM38 data across a flood irrigation cotton field. <i>Agricultural Water Management</i> , 2020, 241, 106383.	5.6	13
14	Mapping cation exchange capacity using a quasi-3d joint inversion of EM38 and EM31 data. <i>Soil and Tillage Research</i> , 2020, 200, 104618.	5.6	48
15	Reconnaissance scale mapping of salinity in three-dimensional using EM38 and EM34 data and inversion modelling. <i>Land Degradation and Development</i> , 2020, 31, 2936-2951.	3.9	13
16	Three-Dimensional Mapping of Clay and Cation Exchange Capacity of Sandy and Infertile Soil Using EM38 and Inversion Software. <i>Sensors</i> , 2019, 19, 3936.	3.8	16
17	Determining optimal digital soil mapping components for exchangeable calcium and magnesium across a sugarcane field. <i>Catena</i> , 2019, 181, 104054.	5.0	12
18	Comparing management zone maps to address infertility and sodicity in sugarcane fields. <i>Soil and Tillage Research</i> , 2019, 193, 122-132.	5.6	17

#	ARTICLE	IF	CITATIONS
19	Co-benefits approach: Opportunities for implementing sponge city and urban heat island mitigation. <i>Land Use Policy</i> , 2019, 86, 147-157.	5.6	170
20	Digital regolith mapping of clay across the Ashley irrigation area using electromagnetic induction data and inversion modelling. <i>Geoderma</i> , 2019, 346, 18-29.	5.1	23
21	Sensitivity analysis of wind pressure coefficients on CAARC standard tall buildings in CFD simulations. <i>Journal of Building Engineering</i> , 2018, 16, 146-158.	3.4	82
22	A Visâ€NIR Spectral Library to Predict Clay in Australian Cotton Growing Soil. <i>Soil Science Society of America Journal</i> , 2018, 82, 1347-1357.	2.2	53
23	Promoting and implementing urban sustainability in China: An integration of sustainable initiatives at different urban scales. <i>Habitat International</i> , 2018, 82, 83-93.	5.8	170
24	Effects of architectural shapes on surface wind pressure distribution: Case studies of oval-shaped tall buildings. <i>Journal of Building Engineering</i> , 2017, 12, 219-228.	3.4	54
25	Numerical simulation of the effects of building dimensional variation on wind pressure distribution. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2017, 11, 293-309.	3.1	169
26	Comparative research on tillable properties of diatomite-improved soils in the Yangtze River Delta region, China. <i>Science of the Total Environment</i> , 2016, 568, 480-488.	8.0	6
27	Stabilising the cohesive soil with palm fibre sheath strip. <i>Road Materials and Pavement Design</i> , 2016, 17, 87-103.	4.0	13
28	Social problems of green buildings: From the humanistic needs to social acceptance. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 51, 1594-1609.	16.4	155
29	The green school project: A means of speeding up sustainable development?. <i>Geoforum</i> , 2015, 65, 310-313.	2.5	30
30	Dynamic Change of Vegetation Index and Its Influencing Factors in Alxa League in the Arid Area. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	2.2	5