

Katsutoshi Seki

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

657
citations

1040056

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h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

894
citing authors

#	ARTICLE	IF	CITATIONS
1	Closed-form hydraulic conductivity equations for multimodal unsaturated soil hydraulic properties. Vadose Zone Journal, 2022, 21, e20168.	2.2	7
2	Changes in rainfall partitioning and its effect on soil water replenishment after the conversion of croplands into apple orchards on the Loess Plateau. Agriculture, Ecosystems and Environment, 2021, 312, 107342.	5.3	7
3	Estimation of electrical conductivity of a soil solution from the monitored TDR data and an extracted soil solution. International Agrophysics, 2019, 33, 113-119.	1.7	1
4	Sequential estimation of hydraulic parameters in layered soil using limited data. Geoderma, 2015, 247-248, 117-128.	5.1	9
5	Biological Clogging of Sand Columns. Open Journal of Soil Science, 2013, 03, 148-152.	0.8	7
6	Effects of moisture conditions on potential soil water repellency in a tropical forest regenerated after fire. Geoderma, 2012, 181-182, 30-35.	5.1	18
7	An alternative deterministic method for the spatial interpolation of water retention parameters. Hydrology and Earth System Sciences, 2009, 13, 453-465.	4.9	9
8	The causes of soil alkalinization in the Songnen Plain of Northeast China. Paddy and Water Environment, 2009, 7, 259-270.	1.8	144
9	Effect of aggregate structure on VOC gas adsorption onto volcanic ash soil. Journal of Hazardous Materials, 2009, 166, 207-212.	12.4	9
10	CO ₂ evolution and short-term carbon turnover in stable soil organic carbon from soils applied with fresh organic matter. Geophysical Research Letters, 2009, 36, .	4.0	12
11	Long-term mobility of fallout ⁹⁰ Sr in ploughed soil, and ⁹⁰ Sr uptake by wheat grain. Science of the Total Environment, 2007, 372, 595-604.	8.0	14
12	Moderate Bioclogging Leading to Preferential Flow Paths in Biobarriers. Ground Water Monitoring and Remediation, 2006, 26, 68-76.	0.8	44
13	In situ accumulation of methane bubbles in a natural wetland soil. European Journal of Soil Science, 2005, 56, 389-396.	3.9	49
14	A mathematical model for biological clogging of uniform porous media. Water Resources Research, 2001, 37, 2995-2999.	4.2	50
15	Effects of microorganisms on hydraulic conductivity decrease in infiltration. European Journal of Soil Science, 1998, 49, 231-236.	3.9	102
16	Comparison of Water Consumption for the Conversion of Croplands to Orchards in Dryland Ecosystems. Soil Science Society of America Journal, 0, , .	2.2	2