

Katsutoshi Seki

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

657
citations

1040056

9
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

894
citing authors

#	ARTICLE	IF	CITATIONS
1	The causes of soil alkalization in the Songnen Plain of Northeast China. <i>Paddy and Water Environment</i> , 2009, 7, 259-270.	1.8	144
2	Effects of microorganisms on hydraulic conductivity decrease in infiltration. <i>European Journal of Soil Science</i> , 1998, 49, 231-236.	3.9	102
3	A mathematical model for biological clogging of uniform porous media. <i>Water Resources Research</i> , 2001, 37, 2995-2999.	4.2	50
4	In situ accumulation of methane bubbles in a natural wetland soil. <i>European Journal of Soil Science</i> , 2005, 56, 389-396.	3.9	49
5	Moderate Bioclogging Leading to Preferential Flow Paths in Biobarriers. <i>Ground Water Monitoring and Remediation</i> , 2006, 26, 68-76.	0.8	44
6	Effects of moisture conditions on potential soil water repellency in a tropical forest regenerated after fire. <i>Geoderma</i> , 2012, 181-182, 30-35.	5.1	18
7	Long-term mobility of fallout ^{90}Sr in ploughed soil, and ^{90}Sr uptake by wheat grain. <i>Science of the Total Environment</i> , 2007, 372, 595-604.	8.0	14
8	CO_2 evolution and short-term carbon turnover in stable soil organic carbon from soils applied with fresh organic matter. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	12
9	An alternative deterministic method for the spatial interpolation of water retention parameters. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 453-465.	4.9	9
10	Effect of aggregate structure on VOC gas adsorption onto volcanic ash soil. <i>Journal of Hazardous Materials</i> , 2009, 166, 207-212.	12.4	9
11	Sequential estimation of hydraulic parameters in layered soil using limited data. <i>Geoderma</i> , 2015, 247-248, 117-128.	5.1	9
12	Changes in rainfall partitioning and its effect on soil water replenishment after the conversion of croplands into apple orchards on the Loess Plateau. <i>Agriculture, Ecosystems and Environment</i> , 2021, 312, 107342.	5.3	7
13	Biological Clogging of Sand Columns. <i>Open Journal of Soil Science</i> , 2013, 03, 148-152.	0.8	7
14	Closed-form hydraulic conductivity equations for multimodal unsaturated soil hydraulic properties. <i>Vadose Zone Journal</i> , 2022, 21, e20168.	2.2	7
15	Comparison of Water Consumption for the Conversion of Croplands to Orchards in Dryland Ecosystems. <i>Soil Science Society of America Journal</i> , 0, , .	2.2	2
16	Estimation of electrical conductivity of a soil solution from the monitored TDR data and an extracted soil solution. <i>International Agrophysics</i> , 2019, 33, 113-119.	1.7	1