Andreas Schwen

List of Publications by Year
in descending order

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17	552	623734 14	888059 17
papers	citations	h-index	g-index

17	17	17	706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Temporal variations of the hydraulic conductivity characteristic under conventional and conservation tillage. Geoderma, 2020, 362, 114127.	5.1	23
2	Effects of tillage intensity on pore system and physical quality of silt-textured soils detected by multiple methods. Soil Research, 2019, 57, 703.	1.1	13
3	Modeling the evolution of soil structural pore space in agricultural soils following tillage. Geoderma, 2019, 353, 401-414.	5.1	24
4	SPorDyn: A Python code for modeling the evolution of soil pore size distribution after tillage. MethodsX, 2019, 6, 2118-2126.	1.6	3
5	Quantification of soil pore dynamics during a winter wheat cropping cycle under different tillage regimes. Soil and Tillage Research, 2019, 192, 222-232.	5.6	25
6	Why We Should Include Soil Structural Dynamics of Agricultural Soils in Hydrological Models. Water (Switzerland), 2018, 10, 1862.	2.7	30
7	Combination of Measurement Methods for a Wide-Range Description of Hydraulic Soil Properties. Water (Switzerland), 2018, 10, 1021.	2.7	15
8	Inverse estimation of soil hydraulic properties and water repellency following artificially induced drought stress. Journal of Hydrology and Hydromechanics, 2018, 66, 170-180.	2.0	16
9	Soil Water Repellency and its Impact on Hydraulic Characteristics in a Beech Forest under Simulated Climate Change. Vadose Zone Journal, 2015, 14, 1-11.	2.2	8
10	Spatial and temporal variability of soil gas diffusivity, its scaling and relevance for soil respiration under different tillage. Geoderma, 2015, 259-260, 323-336.	5.1	20
11	Characterizing land use impact on multi-tracer displacement and soil structure. Journal of Hydrology, 2014, 519, 1752-1768.	5.4	15
12	Vertical variations of soil hydraulic properties within two soil profiles and its relevance for soil water simulations. Journal of Hydrology, 2014, 516, 169-181.	5.4	59
13	Root Responses to Alterations in Macroporosity and Penetrability in a Silt Loam Soil. Soil Science Society of America Journal, 2014, 78, 1392-1403.	2.2	41
14	Stateâ€Space Models Describe the Spatial Variability of Bromide Leaching Controlled by Land Use, Irrigation, and Pedologic Characteristics. Vadose Zone Journal, 2013, 12, 1-9.	2.2	14
15	Time-variable soil hydraulic properties in near-surface soil water simulations for different tillage methods. Agricultural Water Management, 2011, 99, 42-50.	5.6	45
16	Temporal dynamics of soil hydraulic properties and the water-conducting porosity under different tillage. Soil and Tillage Research, 2011, 113, 89-98.	5.6	178
17	Hydraulic Properties and the Water-Conducting Porosity as Affected by Subsurface Compaction using Tension Infiltrometers. Soil Science Society of America Journal, 2011, 75, 822-831.	2.2	23