

# Gerd Wessolek

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

904  
citations

759233

12  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metals in European roadside soils and soil solution – A review. <i>Environmental Pollution</i> , 2014, 189, 98-110.	7.5	211
2	Effect of biochar on reclaimed tidal land soil properties and maize ( <i>Zea mays</i> L.) response. <i>Chemosphere</i> , 2016, 142, 153-159.	8.2	173
3	Soil physical characteristics of peat soils. <i>Journal of Plant Nutrition and Soil Science</i> , 2002, 165, 479.	1.9	108
4	Excluding Organic Matter Content from Pedotransfer Predictors of Soil Water Retention. <i>Soil Science Society of America Journal</i> , 2007, 71, 43-50.	2.2	95
5	Aspects of peat conservation and water management. <i>Journal of Plant Nutrition and Soil Science</i> , 2002, 165, 487.	1.9	66
6	Measurement modeling of soil-water dynamics evapotranspiration of drained peatland soils. <i>Journal of Plant Nutrition and Soil Science</i> , 2006, 169, 762-774.	1.9	46
7	Metal accumulation and hydraulic performance of bioretention systems after long-term operation. <i>Journal of Soils and Sediments</i> , 2018, 18, 431-441.	3.0	33
8	Pore-system characteristics of pavement seam materials of urban sites. <i>Journal of Plant Nutrition and Soil Science</i> , 2006, 169, 16-24.	1.9	26
9	Heavy metals and benzo[a]pyrene in soils from construction and demolition rubble. <i>Journal of Soils and Sediments</i> , 2015, 15, 1771-1780.	3.0	23
10	Metal leaching in a highway embankment on field and laboratory scale. <i>Science of the Total Environment</i> , 2014, 493, 495-504.	8.0	17
11	Technical note: Improving the AWAT filter with interpolation schemes for advanced processing of high resolution data. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 2309-2315.	4.9	17
12	Examination of Three Different Organic Waste Biochars as Soil Amendment for Metal-Contaminated Agricultural Soils. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	14
13	Water storage, surface, and structural properties of sandy forest humus horizons. <i>Journal of Plant Nutrition and Soil Science</i> , 2003, 166, 625-634.	1.9	12
14	Letter to the editors: Phyto-P-mining – secondary urban green recycles phosphorus from soils constructed of urban wastes. <i>Journal of Soils and Sediments</i> , 2015, 15, 1667-1674.	3.0	10
15	Pools of sulfur in urban rubble soils. <i>Journal of Soils and Sediments</i> , 2015, 15, 532-540.	3.0	10
16	Influence of slope and exposition on water balance of loess soils. <i>Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science</i> , 1994, 157, 165-173.	0.4	6
17	Transfer Function and Time Series Outlier Analysis: Modelling Soil Salinity in Loamy Sand Soil by Including the Influences of Irrigation Management and Soil Temperature. <i>Irrigation and Drainage</i> , 2018, 67, 282-294.	1.7	6
18	Estimating Pore Water Electrical Conductivity of Sandy Soil from Time Domain Reflectometry Records Using a Time-Varying Dynamic Linear Model. <i>Sensors</i> , 2018, 18, 4403.	3.8	6

#	ARTICLE	IF	CITATIONS
19	Predicting Water Supply and Evapotranspiration of Street Trees Using Hydro-Pedo-Transfer Functions (HPTFs). <i>Forests</i> , 2021, 12, 1010.	2.1	6
20	Assessment of metal retention in newly constructed highway embankments. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23619-23629.	5.3	5
21	Effect of data resolution on soil hydraulic conductivity prediction. <i>Journal of Plant Nutrition and Soil Science</i> , 2002, 165, 45.	1.9	4
22	From a stinking wastewater disposal field toward a recreation area—the story of an unconventional soil remediation in Berlin, Germany. <i>Journal of Soils and Sediments</i> , 2018, 18, 481-493.	3.0	4
23	IUSS SUITMA 6 International Symposium 2011. <i>Journal of Soils and Sediments</i> , 2013, 13, 489-490.	3.0	2
24	Analyzing Temporal Trends of Urban Evaporation Using Generalized Additive Models. <i>Land</i> , 2022, 11, 508.	2.9	2
25	Evaluating the Variation of Dissolved Metals on a Highway Roadside Using a Generalized Additive Mixed Model (GAMM). <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	1
26	Aspects of peat conservation and water management. , 2002, 165, 487.		1