

# Andreas Papritz

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,796  
citations

361413

20  
h-index

315739

38  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Mapping of Soil Water Characteristics Parametersâ€” Fusing Curated Data with Machine Learning and Environmental Covariates. <i>Remote Sensing</i> , 2022, 14, 1947.	4.0	9
2	Global Prediction of Soil Saturated Hydraulic Conductivity Using Random Forest in a Covariateâ€”Based GeoTransfer Function (CoGTF) Framework. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002242.	3.8	28
3	Antimony mobility during prolonged waterlogging and reoxidation of shooting range soil: A field experiment. <i>Science of the Total Environment</i> , 2018, 624, 838-844.	8.0	21
4	Uncertainty indication in soil function maps â€” transparent and easy-to-use information to support sustainable use of soil resources. <i>Soil</i> , 2018, 4, 123-139.	4.9	17
5	Evaluation of digital soil mapping approaches with large sets of environmental covariates. <i>Soil</i> , 2018, 4, 1-22.	4.9	167
6	Assessment of soil multi-functionality to support the sustainable use of soil resources on the Swiss Plateau. <i>Geoderma Regional</i> , 2018, 14, e00181.	2.1	14
7	Soil function assessment: review of methods for quantifying the contributions of soils to ecosystem services. <i>Land Use Policy</i> , 2017, 69, 224-237.	5.6	146
8	Mapping of soil properties at high resolution in Switzerland using boosted geosadditive models. <i>Soil</i> , 2017, 3, 191-210.	4.9	15
9	Organic Wheat Farming Improves Grain Zinc Concentration. <i>PLoS ONE</i> , 2016, 11, e0160729.	2.5	14
10	Pedotransfer function to predict density of forest soils in Switzerland. <i>Journal of Plant Nutrition and Soil Science</i> , 2016, 179, 321-326.	1.9	7
11	Predicting topsoil heavy metal content of parcels of land: An empirical validation of customary and constrained lognormal block kriging and conditional simulations. <i>Geoderma</i> , 2013, 193-194, 200-212.	5.1	11
12	Boron accumulation and tolerance of hybrid poplars grown on a B-laden mixed paper mill waste landfill. <i>Science of the Total Environment</i> , 2013, 447, 515-524.	8.0	11
13	Spatial statistical modeling of shallow landslidesâ€”Validating predictions for different landslide inventories and rainfall events. <i>Geomorphology</i> , 2011, 133, 11-22.	2.6	64
14	Uncertainty of variance component estimates in nested sampling: a case study on the fieldâ€”scale spatial variability of a restored soil. <i>European Journal of Soil Science</i> , 2011, 62, 479-495.	3.9	14
15	constrainedKriging: An R-package for customary, constrained and covariance-matching constrained point or block kriging. <i>Computers and Geosciences</i> , 2011, 37, 1562-1569.	4.2	7
16	Phytomanagement of metal-contaminated agricultural land using sunflower, maize and tobacco. <i>Agriculture, Ecosystems and Environment</i> , 2010, 136, 49-58.	5.3	129
17	Predicting Threshold Exceedance by Local Block Means in Soil Pollution Surveys. <i>Mathematical Geosciences</i> , 2010, 42, 631-656.	2.4	11
18	Asymmetric response to disturbance and recovery: Changes of soil permeability under forestâ€”pastureâ€”forest transitions. <i>Geoderma</i> , 2010, 159, 209-215.	5.1	51

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19	Grain Zinc, Iron, and Copper Concentrations of Wheat Grown in Central Iran and Their Relationships with Soil and Climate Variables. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10876-10882.	5.2	52
20	Standardized vs. customary ordinary cokriging: Some comments on the article "The geostatistical analysis of experiments at the landscape-scale" by T.F.A. Bishop and R.M. Lark. <i>Geoderma</i> , 2008, 146, 391-396.	5.1	13
21	Pedodiversity and pedogenesis in Zayandeh-rud Valley, Central Iran. <i>Geomorphology</i> , 2006, 81, 376-393.	2.6	79
22	Analysing the space-time distribution of soil water storage of a forest ecosystem using spatio-temporal kriging. <i>Geoderma</i> , 2005, 128, 258-273.	5.1	120
23	Joint Distributions of the Unsaturated Soil Hydraulic Parameters and their Effect on Other Variates. <i>Vadose Zone Journal</i> , 2004, 3, 947-955.	2.2	24
24	A Fractal Approach to Model Soil Structure and to Calculate Thermal Conductivity of Soils. <i>Transport in Porous Media</i> , 2003, 52, 313-332.	2.6	24
25	Fitting a linear model of coregionalization for soil properties using simulated annealing. <i>Geoderma</i> , 2003, 115, 245-260.	5.1	66
26	Discrimination of Flow Regions on the Basis of Stained Infiltration Patterns in Soil Profiles. <i>Vadose Zone Journal</i> , 2003, 2, 338-348.	2.2	30
27	Discrimination of Flow Regions on the Basis of Stained Infiltration Patterns in Soil Profiles. <i>Vadose Zone Journal</i> , 2003, 2, 338-348.	2.2	5
28	Discrimination of Flow Regions on the Basis of Stained Infiltration Patterns in Soil Profiles. <i>Vadose Zone Journal</i> , 2003, 2, 338.	2.2	0
29	Towards a snow-depth distribution model in a heterogeneous subalpine forest using a Landsat TM image and an aerial photograph. <i>Annals of Glaciology</i> , 2002, 34, 65-70.	1.4	6
30	An Empirical Comparison of Kriging Methods for Nonlinear Spatial Point Prediction. <i>Mathematical Geosciences</i> , 2002, 34, 365-386.	0.9	69
31	Time-space linear regression analysis of the snow cover in a pre-Alpine semi-forested catchment. <i>Annals of Glaciology</i> , 2001, 32, 125-129.	1.4	4
32	Quantifying dye tracers in soil profiles by image processing. <i>European Journal of Soil Science</i> , 2000, 51, 313-322.	3.9	142
33	Die Schneedeckenverteilung in einem voralpinen Einzugsgebiet und ihre Bedeutung für den Schneeschmelzabfluss   The Snow-Cover Distribution in a Sub-Alpine Catchment and its Significance for the Snow-Melt Runoff. <i>Schweizerische Zeitschrift Für Forstwesen</i> , 2000, 151, 192-197.	0.1	8
34	A tracer experiment to study flow paths of water in a forest soil. <i>Journal of Hydrology</i> , 1999, 225, 155-167.	5.4	36
35	Nitrogen budgets of two small experimental forested catchments at Alptal, Switzerland. <i>Forest Ecology and Management</i> , 1998, 101, 177-185.	3.2	77
36	On the pseudo cross-variogram. <i>Mathematical Geosciences</i> , 1993, 25, 1015-1026.	0.9	53

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37	Bromide in the Natural Environment: Occurrence and Toxicity. Journal of Environmental Quality, 1993, 22, 747-758.	2.0	215
38	Parameter estimation for simulating binary homovalent cation transport in aggregated soils at variable ionic strength. Journal of Contaminant Hydrology, 1991, 7, 1-19.	3.3	8