Manuel K Schneider

List of Publications by Year
in descending order

37 papers	1,171 citations	361413 20 h-index	395702 33 g-index
38 all docs	38 docs citations	38 times ranked	1939 citing authors

#	Article	IF	Citations
1	Thinning the thickets: Foraging of hardy cattle, sheep and goats in green alder shrubs. Journal of Applied Ecology, 2022, 59, 1394-1405.	4.0	8
2	Spatial Distribution of Highland Cattle in Alnus viridis Encroached Subalpine Pastures. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	6
3	An increase in food production in Europe could dramatically affect farmland biodiversity. Communications Earth & Environment, 2021, 2, .	6.8	22
4	Dominant shrub species are a strong predictor of plant species diversity along subalpine pasture-shrub transects. Alpine Botany, 2020, 130, 141-156.	2.4	16
5	Grazing Allometry: Anatomy, Movement, and Foraging Behavior of Three Cattle Breeds of Different Productivity. Frontiers in Veterinary Science, 2020, 7, 494.	2.2	27
6	Spatial monitoring of grassland management using multi-temporal satellite imagery. Ecological Indicators, 2020, 113, 106201.	6.3	39
7	Choosy grazers: Influence of plant traits on forage selection by three cattle breeds. Functional Ecology, 2020, 34, 980-992.	3.6	33
8	Natural estrogens in surface waters of a catchment with intensive livestock farming in Switzerland. Environmental Sciences: Processes and Impacts, 2020, 22, 2244-2255.	3.5	6
9	Does no-tillage decrease nitrate leaching compared to ploughing under a long-term crop rotation in Switzerland?. Soil and Tillage Research, 2020, 199, 104590.	5.6	18
10	Influence of Highland and production-oriented cattle breeds on pasture vegetation: A pairwise assessment across broad environmental gradients. Agriculture, Ecosystems and Environment, 2019, 284, 106585.	5.3	26
11	Assessment of spatial variability of multiple ecosystem services in grasslands of different intensities. Journal of Environmental Management, 2019, 251, 109372.	7.8	35
12	Phosphorus redistribution by dairy cattle on a heterogeneous subalpine pasture, quantified using GPS tracking. Agriculture, Ecosystems and Environment, 2018, 257, 183-192.	5.3	13
13	Above- and belowground patterns in a subalpine grassland-shrub mosaic. Plant Biosystems, 2017, 151, 493-503.	1.6	11
14	EDITOR'S CHOICE: How much would it cost to monitor farmland biodiversity in Europe?. Journal of Applied Ecology, 2016, 53, 140-149.	4.0	21
15	Farmland biodiversity and agricultural management on 237 farms in 13 European and two African regions. Ecology, 2016, 97, 1625-1625.	3.2	15
16	Shifting Impacts of Climate Change. Advances in Ecological Research, 2016, 55, 437-473.	2.7	36
17	Patterns of livestock activity on heterogeneous subalpine pastures reveal distinct responses to spatial autocorrelation, environment and management. Movement Ecology, 2015, 3, 35.	2.8	32
18	Strikingly high effect of geographic location on fauna and flora of European agricultural grasslands. Basic and Applied Ecology, 2015, 16, 281-290.	2.7	9

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19	Inferring Behavioral States of Grazing Livestock from High-Frequency Position Data Alone. PLoS ONE, 2014, 9, e114522.	2.5	30
20	Responses of plants, earthworms, spiders and bees to geographic location, agricultural management and surrounding landscape in European arable fields. Agriculture, Ecosystems and Environment, 2014, 186, 124-134.	5.3	44
21	Gains to species diversity in organically farmed fields are not propagated at the farm level. Nature Communications, 2014, 5, 4151.	12.8	89
22	Appropriate metrics to inform farmers about species diversity. Environmental Science and Policy, 2014, 41, 52-62.	4.9	10
23	Plant species loss due to forest succession in Alpine pastures depends on site conditions and observation scale. Biological Conservation, 2013, 161, 213-222.	4.1	32
24	Using discharge data to reduce structural deficits in a hydrological model with a Bayesian inference approach and the implications for the prediction of critical source areas. Water Resources Research, 2011, 47, .	4.2	22
25	Estimating Catchment Vulnerability to Diffuse Herbicide Losses from Hydrograph Statistics. Journal of Environmental Quality, 2010, 39, 1441-1450.	2.0	17
26	Environmental risk assessment of ivermectin: A case study. Integrated Environmental Assessment and Management, 2010, 6, 567-587.	2.9	113
27	Predicting critical source areas for diffuse herbicide losses to surface waters: Role of connectivity and boundary conditions. Journal of Hydrology, 2009, 365, 23-36.	5.4	56
28	Cation Binding of Antimicrobial Sulfathiazole to Leonardite Humic Acid. Environmental Science & Technology, 2009, 43, 6632-6638.	10.0	73
29	Analysis of the dissipation kinetics of ivermectin at different temperatures and in four different soils. Chemosphere, 2009, 75, 1097-1104.	8.2	37
30	Spatial and Temporal Patterns of Pharmaceuticals in the Aquatic Environment: A Review. Geography Compass, 2008, 2, 920-955.	2.7	23
31	Individualism in plant populations: Using stochastic differential equations to model individual neighbourhood-dependent plant growth. Theoretical Population Biology, 2008, 74, 74-83.	1.1	8
32	Selecting Scenarios to Assess Exposure of Surface Waters to Veterinary Medicines in Europe. Environmental Science & Technology, 2007, 41, 4669-4676.	10.0	21
33	Towards a hydrological classification of European soils: preliminary test of its predictive power for the base flow index using river discharge data. Hydrology and Earth System Sciences, 2007, 11, 1501-1513.	4.9	43
34	An overlooked carbon source for grassland soils: loss of structural carbon from stubble in response to elevated pCO 2 and nitrogen supply. New Phytologist, 2006, 172, 117-126.	7.3	14
35	Quantification of neighbourhood-dependent plant growth by Bayesian hierarchical modelling. Journal of Ecology, 2006, 94, 310-321.	4.0	46
36	Responses of net ecosystem CO2 exchange in managed grassland to long-term CO2 enrichment, N fertilization and plant species. Plant, Cell and Environment, 2005, 28, 823-833.	5.7	34

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37	Ten years of free-air CO_2 enrichment altered the mobilization of N from soil in Lolium perenne L. swards. Global Change Biology, 2004, 10, 1377-1388.	9.5	83