

Manuel K Schneider

List of Publications by Year in descending order

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Version: 2024-02-01

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	Environmental risk assessment of ivermectin: A case study. <i>Integrated Environmental Assessment and Management</i> , 2010, 6, 567-587.	2.9	113
2	Gains to species diversity in organically farmed fields are not propagated at the farm level. <i>Nature Communications</i> , 2014, 5, 4151.	12.8	89
3	Ten years of free-air CO ₂ enrichment altered the mobilization of N from soil in <i>Lolium perenne</i> L. swards. <i>Global Change Biology</i> , 2004, 10, 1377-1388.	9.5	83
4	Cation Binding of Antimicrobial Sulfathiazole to Leonardite Humic Acid. <i>Environmental Science & Technology</i> , 2009, 43, 6632-6638.	10.0	73
5	Predicting critical source areas for diffuse herbicide losses to surface waters: Role of connectivity and boundary conditions. <i>Journal of Hydrology</i> , 2009, 365, 23-36.	5.4	56
6	Quantification of neighbourhood-dependent plant growth by Bayesian hierarchical modelling. <i>Journal of Ecology</i> , 2006, 94, 310-321.	4.0	46
7	Responses of plants, earthworms, spiders and bees to geographic location, agricultural management and surrounding landscape in European arable fields. <i>Agriculture, Ecosystems and Environment</i> , 2014, 186, 124-134.	5.3	44
8	Towards a hydrological classification of European soils: preliminary test of its predictive power for the base flow index using river discharge data. <i>Hydrology and Earth System Sciences</i> , 2007, 11, 1501-1513.	4.9	43
9	Spatial monitoring of grassland management using multi-temporal satellite imagery. <i>Ecological Indicators</i> , 2020, 113, 106201.	6.3	39
10	Analysis of the dissipation kinetics of ivermectin at different temperatures and in four different soils. <i>Chemosphere</i> , 2009, 75, 1097-1104.	8.2	37
11	Shifting Impacts of Climate Change. <i>Advances in Ecological Research</i> , 2016, 55, 437-473.	2.7	36
12	Assessment of spatial variability of multiple ecosystem services in grasslands of different intensities. <i>Journal of Environmental Management</i> , 2019, 251, 109372.	7.8	35
13	Responses of net ecosystem CO ₂ exchange in managed grassland to long-term CO ₂ enrichment, N fertilization and plant species. <i>Plant, Cell and Environment</i> , 2005, 28, 823-833.	5.7	34
14	Choosy grazers: Influence of plant traits on forage selection by three cattle breeds. <i>Functional Ecology</i> , 2020, 34, 980-992.	3.6	33
15	Plant species loss due to forest succession in Alpine pastures depends on site conditions and observation scale. <i>Biological Conservation</i> , 2013, 161, 213-222.	4.1	32
16	Patterns of livestock activity on heterogeneous subalpine pastures reveal distinct responses to spatial autocorrelation, environment and management. <i>Movement Ecology</i> , 2015, 3, 35.	2.8	32
17	Inferring Behavioral States of Grazing Livestock from High-Frequency Position Data Alone. <i>PLoS ONE</i> , 2014, 9, e114522.	2.5	30
18	Grazing Allometry: Anatomy, Movement, and Foraging Behavior of Three Cattle Breeds of Different Productivity. <i>Frontiers in Veterinary Science</i> , 2020, 7, 494.	2.2	27

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19	Influence of Highland and production-oriented cattle breeds on pasture vegetation: A pairwise assessment across broad environmental gradients. <i>Agriculture, Ecosystems and Environment</i> , 2019, 284, 106585.	5.3	26
20	Spatial and Temporal Patterns of Pharmaceuticals in the Aquatic Environment: A Review. <i>Geography Compass</i> , 2008, 2, 920-955.	2.7	23
21	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. <i>Water Resources Research</i> , 2011, 47, .	4.2	22
22	An increase in food production in Europe could dramatically affect farmland biodiversity. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	22
23	Selecting Scenarios to Assess Exposure of Surface Waters to Veterinary Medicines in Europe. <i>Environmental Science & Technology</i> , 2007, 41, 4669-4676.	10.0	21
24	EDITOR'S CHOICE: How much would it cost to monitor farmland biodiversity in Europe?. <i>Journal of Applied Ecology</i> , 2016, 53, 140-149.	4.0	21
25	Does no-tillage decrease nitrate leaching compared to ploughing under a long-term crop rotation in Switzerland?. <i>Soil and Tillage Research</i> , 2020, 199, 104590.	5.6	18
26	Estimating Catchment Vulnerability to Diffuse Herbicide Losses from Hydrograph Statistics. <i>Journal of Environmental Quality</i> , 2010, 39, 1441-1450.	2.0	17
27	Dominant shrub species are a strong predictor of plant species diversity along subalpine pasture-shrub transects. <i>Alpine Botany</i> , 2020, 130, 141-156.	2.4	16
28	Farmland biodiversity and agricultural management on 237 farms in 13 European and two African regions. <i>Ecology</i> , 2016, 97, 1625-1625.	3.2	15
29	An overlooked carbon source for grassland soils: loss of structural carbon from stubble in response to elevated pCO ₂ and nitrogen supply. <i>New Phytologist</i> , 2006, 172, 117-126.	7.3	14
30	Phosphorus redistribution by dairy cattle on a heterogeneous subalpine pasture, quantified using GPS tracking. <i>Agriculture, Ecosystems and Environment</i> , 2018, 257, 183-192.	5.3	13
31	Above- and belowground patterns in a subalpine grassland-shrub mosaic. <i>Plant Biosystems</i> , 2017, 151, 493-503.	1.6	11
32	Appropriate metrics to inform farmers about species diversity. <i>Environmental Science and Policy</i> , 2014, 41, 52-62.	4.9	10
33	Strikingly high effect of geographic location on fauna and flora of European agricultural grasslands. <i>Basic and Applied Ecology</i> , 2015, 16, 281-290.	2.7	9
34	Individualism in plant populations: Using stochastic differential equations to model individual neighbourhood-dependent plant growth. <i>Theoretical Population Biology</i> , 2008, 74, 74-83.	1.1	8
35	Thinning the thickets: Foraging of hardy cattle, sheep and goats in green alder shrubs. <i>Journal of Applied Ecology</i> , 2022, 59, 1394-1405.	4.0	8
36	Spatial Distribution of Highland Cattle in <i>Alnus viridis</i> Encroached Subalpine Pastures. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	6

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37	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