

# Susanne I Schmidt

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,298  
citations

430874

18  
h-index

454955

30  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1741  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradation: Updating the Concepts of Control for Microbial Cleanup in Contaminated Aquifers. <i>Environmental Science &amp; Technology</i> , 2015, 49, 7073-7081.	10.0	211
2	Biotic interactions in species distribution modelling: 10 questions to guide interpretation and avoid false conclusions. <i>Global Ecology and Biogeography</i> , 2018, 27, 1004-1016.	5.8	211
3	Effects of thermal energy discharge on shallow groundwater ecosystems. <i>FEMS Microbiology Ecology</i> , 2009, 68, 273-286.	2.7	131
4	The potential use of fauna and bacteria as ecological indicators for the assessment of groundwater quality. <i>Journal of Environmental Monitoring</i> , 2010, 12, 242-254.	2.1	93
5	Ecological assessment of groundwater ecosystems – Vision or illusion?. <i>Ecological Engineering</i> , 2010, 36, 1174-1190.	3.6	87
6	What is groundwater and what does this mean to fauna? – An opinion. <i>Limnologica</i> , 2012, 42, 1-6.	1.5	48
7	Recommendations for ecotoxicity testing with stygobiotic species in the framework of groundwater environmental risk assessment. <i>Science of the Total Environment</i> , 2019, 681, 292-304.	8.0	43
8	Collecting eco-evolutionary data in the dark: Impediments to subterranean research and how to overcome them. <i>Ecology and Evolution</i> , 2021, 11, 5911-5926.	1.9	40
9	Towards evidence-based conservation of subterranean ecosystems. <i>Biological Reviews</i> , 2022, 97, 1476-1510.	10.4	39
10	Do faunal assemblages reflect the exchange intensity in groundwater zones?. <i>Hydrobiologia</i> , 2007, 583, 1-19.	2.0	38
11	A new bioassay for the ecotoxicological testing of VOCs on groundwater invertebrates and the effects of toluene on <i>Niphargus inopinatus</i> . <i>Aquatic Toxicology</i> , 2013, 130-131, 1-8.	4.0	33
12	Multi-tracing of recharge seasonality and contamination in groundwater: A tool for urban water resource management. <i>Water Research</i> , 2019, 161, 413-422.	11.3	31
13	Towards an integrated understanding of how micro scale processes shape groundwater ecosystem functions. <i>Science of the Total Environment</i> , 2017, 592, 215-227.	8.0	30
14	Top-down and bottom-up control of periphyton by benthivorous fish and light supply in two streams. <i>Freshwater Biology</i> , 2014, 59, 803-818.	2.4	27
15	Selective predation by benthivorous fish on stream macroinvertebrates – The role of prey traits and prey abundance. <i>Limnologica</i> , 2015, 52, 41-50.	1.5	26
16	Response and recovery of a pristine groundwater ecosystem impacted by toluene contamination – A meso-scale indoor aquifer experiment. <i>Journal of Contaminant Hydrology</i> , 2017, 207, 17-30.	3.3	22
17	Using DNA metabarcoding for assessing chironomid diversity and community change in mosquito controlled temporary wetlands. <i>Metabarcoding and Metagenomics</i> , 0, 2, e21060.	0.0	21
18	Small-scale chemical and isotopic variability of hydrological pathways in a mountain lake catchment. <i>Journal of Hydrology</i> , 2020, 585, 124834.	5.4	19

#	ARTICLE	IF	CITATIONS
19	Finding appropriate reference sites in large-scale aquatic field experiments. <i>Aquatic Ecology</i> , 2009, 43, 169-179.	1.5	18
20	Elucidating the impact of micro-scale heterogeneous bacterial distribution on biodegradation. <i>Advances in Water Resources</i> , 2018, 116, 67-76.	3.8	18
21	Catecholamine levels in groundwater and stream amphipods and their response to temperature stress. <i>General and Comparative Endocrinology</i> , 2013, 194, 110-117.	1.8	17
22	Does groundwater influence the sediment fauna beneath a small, sandy stream?. <i>Limnologica</i> , 2007, 37, 208-225.	1.5	15
23	Efficiency of sampling invertebrates in groundwater habitats. <i>Limnologica</i> , 2013, 43, 43-48.	1.5	13
24	Sampling Fauna in Stream Sediments as well as Groundwater Using One Net Sampler. <i>Clean - Soil, Air, Water</i> , 2004, 32, 131-137.	0.6	11
25	Community barcoding reveals little effect of ocean acidification on the composition of coastal plankton communities: Evidence from a long-term mesocosm study in the Gullmar Fjord, Skagerrak. <i>PLoS ONE</i> , 2017, 12, e0175808.	2.5	10
26	Speciesâ€dependent effect of cover cropping on trace elements and nutrients in vineyard soil and <i>Vitis</i> . <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 885-890.	3.5	9
27	A proposal for a groundwater habitat classification at local scale. <i>Subterranean Biology</i> , 0, 14, 25-49.	5.0	8
28	Relationships between a catchment-scale forest disturbance index, time delays, and chemical properties of surface water. <i>Ecological Indicators</i> , 2021, 125, 107558.	6.3	7
29	Effect of snowmelt on the dynamics, isotopic and chemical composition of runoff in mature and regenerated forested catchments. <i>Journal of Hydrology</i> , 2021, 598, 126437.	5.4	7
30	Organic carbon and nutrients drive prokaryote and metazoan communities in a floodplain aquifer. <i>Basic and Applied Ecology</i> , 2021, 51, 43-58.	2.7	6
31	Forest damage and subsequent recovery alter the water composition in mountain lake catchments. <i>Science of the Total Environment</i> , 2022, 827, 154293.	8.0	6
32	Aquatic fungi: largely neglected targets for conservation. <i>Frontiers in Ecology and the Environment</i> , 2022, 20, 207-209.	4.0	3
33	A Multi-scale Agent-Based Distributed Simulation Framework for Groundwater Pollution Management. , 2011, , .		0
34	Importance of the Micro-scale for the Macro-scaleâ€What Can We Learn From Groundwater Ecosystems?. , 2021, , .		0
35	A Plea for Considering Processes That Take Place on the Micrometer Scale in Modelling the Groundwater Ecosystemsâ€™ Functions. <i>Water (Switzerland)</i> , 2022, 14, 1850.	2.7	0
36	Groundwater ecosystems in changing times. <i>ARPHA Conference Abstracts</i> , 0, 5, .	0.0	0