

Paul W Goedhart

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,801
citations

361045

20
h-index

182168

51
g-index

66
all docs

66
docs citations

66
times ranked

4622
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistent negative effects of pesticides on biodiversity and biological control potential on European farmland. <i>Basic and Applied Ecology</i> , 2010, 11, 97-105.	1.2	1,039
2	Statistical mapping of tree species over Europe. <i>European Journal of Forest Research</i> , 2012, 131, 145-157.	1.1	256
3	Impacts of Nutrient Reduction on Coastal Communities. <i>Ecosystems</i> , 2007, 10, 96-119.	1.6	157
4	Genetic similarity as a measure for connectivity between fragmented populations of the moor frog (<i>Rana arvalis</i>). <i>Heredity</i> , 2001, 86, 598-608.	1.2	135
5	Horvitz-Thompson Estimators for Double-Platform Line Transect Surveys. <i>Biometrics</i> , 1998, 54, 1221.	0.8	120
6	Can Plants Grow on Mars and the Moon: A Growth Experiment on Mars and Moon Soil Simulants. <i>PLoS ONE</i> , 2014, 9, e103138.	1.1	99
7	Plant species as predictors of soil pH: Replacing expert judgement with measurements. <i>Journal of Vegetation Science</i> , 2005, 16, 461-470.	1.1	88
8	Enhanced pest control in cabbage crops near forest in The Netherlands. <i>Landscape Ecology</i> , 2008, 23, 595-602.	1.9	87
9	Olivine Weathering in Soil, and Its Effects on Growth and Nutrient Uptake in Ryegrass (<i>Lolium perenne</i>) Tj ETQq1 1,0,784314,rgBT/O	1.1	71
10	Waterbirds increase more rapidly in Ramsar-designated wetlands than in unprotected wetlands. <i>Journal of Applied Ecology</i> , 2014, 51, 289-298.	1.9	65
11	The MCRA model for probabilistic single-compound and cumulative risk assessment of pesticides. <i>Food and Chemical Toxicology</i> , 2015, 79, 5-12.	1.8	60
12	Climate change increases deoxynivalenol contamination of wheat in north-western Europe. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 1593-1604.	1.1	43
13	Do meadow birds profit from agri-environment schemes in Dutch agricultural landscapes?. <i>Biological Conservation</i> , 2009, 142, 2949-2953.	1.9	41
14	Lack of adverse effects in subchronic and chronic toxicity/carcinogenicity studies on the glyphosate-resistant genetically modified maize NK603 in Wistar Han RCC rats. <i>Archives of Toxicology</i> , 2019, 93, 1095-1139.	1.9	40
15	Occurrence of <i>Fusarium</i> Head Blight species and <i>Fusarium</i> mycotoxins in winter wheat in the Netherlands in 2009. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 1716-1726.	1.1	37
16	Development and validation of IPM strategies for the cultivation of cisgenically modified late blight resistant potato. <i>European Journal of Agronomy</i> , 2018, 96, 146-155.	1.9	35
17	Modeling Deoxynivalenol Contamination of Wheat in Northwestern Europe for Climate Change Assessments. <i>Journal of Food Protection</i> , 2012, 75, 1099-1106.	0.8	33
18	Why Some Plant Species Are Rare. <i>PLoS ONE</i> , 2014, 9, e102674.	1.1	26

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19	The Role of Abiotic Soil Parameters as a Factor in the Success of Invasive Plant Species. <i>Emerging Science Journal</i> , 2018, 2, 308.	1.4	26
20	Gap Crossing Decisions by Reed Warblers (<i>Acrocephalus Scirpaceus</i>) in Agricultural Landscapes. <i>Landscape Ecology</i> , 2005, 20, 455-468.	1.9	23
21	A model for estimating seasonal trends of ammonia emission from cattle manure applied to grassland in the Netherlands. <i>Atmospheric Environment</i> , 2018, 173, 231-238.	1.9	23
22	Ecological ranges for the pH and NO ₃ of syntaxa: a new basis for the estimation of critical loads for acid and nitrogen deposition. <i>Journal of Vegetation Science</i> , 2011, 22, 741-749.	1.1	19
23	Development of a method for detection of latent European fruit tree canker (<i>Neonectria ditissima</i>) infections in apple and pear nurseries. <i>European Journal of Plant Pathology</i> , 2017, 148, 631-635.	0.8	19
24	Field effects of pollutants in dynamic environments. A case study on earthworm populations in river floodplains contaminated with heavy metals. <i>Environmental Pollution</i> , 2007, 147, 26-31.	3.7	17
25	Quantifying spatial and temporal variability of macroinvertebrate metrics. <i>Ecological Indicators</i> , 2012, 23, 384-393.	2.6	16
26	A matter of time: Recovery of plant species diversity in wild plant communities at declining nitrogen deposition. <i>Diversity and Distributions</i> , 2021, 27, 1180-1193.	1.9	16
27	Transfer of Cs-137 from grass and wilted grass silage to milk of dairy cows. <i>Science of the Total Environment</i> , 1989, 85, 139-147.	3.9	15
28	Monitoring phytoplankton and marine biotoxins in production waters of the Netherlands: results after one decade. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 1616-1629.	1.1	15
29	Equivalence testing using existing reference data: An example with genetically modified and conventional crops in animal feeding studies. <i>Food and Chemical Toxicology</i> , 2017, 109, 472-485.	1.8	14
30	Diving patterns of harbour seals (<i>Phoca vitulina</i>) in the Wadden Sea, the Netherlands and Germany, as indicated by VHF telemetry. <i>Canadian Journal of Zoology</i> , 1997, 75, 2063-2068.	0.4	13
31	Evaluating the use of gel-based sub-sampling for assessing responses of terrestrial microarthropods (<i>Collembola</i> and <i>Acari</i>) to different slurry applications and organic matter contents. <i>Applied Soil Ecology</i> , 2008, 38, 239-248.	2.1	12
32	Sources of variation of the in situ nylon bag technique. <i>Animal Feed Science and Technology</i> , 1992, 38, 35-42.	1.1	10
33	A statistical simulation model for field testing of non-target organisms in environmental risk assessment of genetically modified plants. <i>Ecology and Evolution</i> , 2014, 4, 1267-1283.	0.8	10
34	Methods for the Quantification of Resistance of Apple Genotypes to European Fruit Tree Canker Caused by <i>Neonectria ditissima</i> . <i>Plant Disease</i> , 2017, 101, 2012-2019.	0.7	10
35	Measurement errors and regression to the mean cannot explain bias in average Ellenberg indicator values. <i>Journal of Vegetation Science</i> , 2004, 15, 847-851.	1.1	9
36	The effect of canopy position on growth and mortality in mixed sapling communities during self-thinning. <i>European Journal of Forest Research</i> , 2009, 128, 455-466.	1.1	9

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37	Modelling mobile agent-based ecosystem services using kernel-weighted predictors. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1241-1249.	2.2	9
38	Apparent nitrogen fertilizer replacement value of grass-clover leys and of farmyard manure in an arable rotation. Part I: farmyard manure. <i>Soil Use and Management</i> , 2016, 32, 20-31.	2.6	7
39	Threshold effects of air pollution and climate change on understory plant communities at forested sites in the eastern United States. <i>Environmental Pollution</i> , 2020, 262, 114351.	3.7	7
40	Modelling Small-Scale Dispersal of the Great Reed Warbler <i>Acrocephalus arundinaceus</i> in a Fragmented Landscape. <i>Ardea</i> , 2010, 98, 383-394.	0.3	6
41	Apparent nitrogen fertilizer replacement value of grass-clover leys and of farmyard manure in an arable rotation. Part I: grass-clover leys. <i>Soil Use and Management</i> , 2016, 32, 9-19.	2.6	6
42	Accounting for uncertainties in ammonia emission from manure applied to grassland. <i>Soil Use and Management</i> , 2017, 33, 595-602.	2.6	5
43	Equivalence analysis to support environmental safety assessment: Using nontarget organism count data from field trials with cisgenically modified potato. <i>Ecology and Evolution</i> , 2019, 9, 2863-2882.	0.8	4
44	Comparison of bioassessment results and costs between preserved and unpreserved macroinvertebrate samples from streams. <i>Environmental Monitoring and Assessment</i> , 2011, 175, 613-621.	1.3	3
45	The power of statistical tests using field trial count data of nontarget organisms in environmental risk assessment of genetically modified plants. <i>Agricultural and Forest Entomology</i> , 2015, 17, 164-172.	0.7	3
46	An Integrated System for the Automated Recording and Analysis of Insect Behavior in T-maze Arrays. <i>Frontiers in Plant Science</i> , 2019, 10, 20.	1.7	3
47	Population dynamics of Great Bittern (<i>Botaurus stellaris</i>) in the Netherlands: interaction effects of winter weather and habitat fragmentation. <i>Regional Environmental Change</i> , 2014, 14, 943.	1.4	2
48	Statistical models discriminating between complex samples measured with microfluidic receptor-cell arrays. <i>PLoS ONE</i> , 2019, 14, e0214878.	1.1	2
49	Experimental design for comparative digestibility trials with pigs: limitations of Latin squares. <i>Animal Science</i> , 1990, 50, 373-378.	1.3	1
50	Remark AS R89: A Remark on Algorithm AS 76: An Integral Useful in Calculating Central t and Bivariate Normal Probabilities. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1992, 41, 496.	0.5	1
51	Measurement errors and regression to the mean cannot explain bias in average Ellenberg indicator values. <i>Journal of Vegetation Science</i> , 2004, 15, 847.	1.1	1
52	Equivalence limit scaled differences for untargeted safety assessments: Comparative analyses to guard against unintended effects on the environment or human health of genetically modified maize. <i>Food and Chemical Toxicology</i> , 2019, 125, 540-548.	1.8	1
53	Estimating ammonia emission after field application of manure by the integrated horizontal flux method: a comparison of concentration and wind speed profiles. <i>Soil Use and Management</i> , 2020, 36, 338-350.	2.6	1
54	Influence of Martian Radiation-like Conditions on the Growth of <i>Secale cereale</i> and <i>Lepidium sativum</i> . <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	1

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55	Response to Briggs, Hanekamp & Crok. Soil Use and Management, 2017, 33, 605-606.	2.6	0