

# Andreas de Neergaard

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1968240/publications.pdf>

Version: 2024-02-01

96  
papers

3,674  
citations

109264

35  
h-index

155592

55  
g-index

96  
all docs

96  
docs citations

96  
times ranked

4526  
citing authors

#	ARTICLE	IF	CITATIONS
1	Can silicon in glacial rock flour enhance phosphorus availability in acidic tropical soil?. <i>Plant and Soil</i> , 2022, 477, 241-258.	1.8	4
2	Soil organic carbon stocks maintained despite intensification of shifting cultivation. <i>Geoderma</i> , 2021, 388, 114804.	2.3	17
3	The effects of management practices on soil organic carbon stocks of oil palm plantations in Sumatra, Indonesia. <i>Journal of Environmental Management</i> , 2021, 278, 111446.	3.8	17
4	Agroecological intensification: Can organic conversion improve the production efficiency? A perspective from smallholder kale production systems Kenya. <i>Cleaner Environmental Systems</i> , 2021, 3, 100048.	2.2	5
5	Contribution of agroforestry to climate change mitigation and livelihoods in Western Kenya. <i>Agroforestry Systems</i> , 2020, 94, 203-220.	0.9	46
6	Effects of certified organic production on supplier failures and potential income effects of supplier failures on producers: Evidence from vegetable and macadamia producers in Kenya. <i>Agribusiness</i> , 2020, 36, 751-769.	1.9	2
7	Mitigation of greenhouse gas emissions and reduced irrigation water use in rice production through water-saving irrigation scheduling, reduced tillage and fertiliser application strategies. <i>Science of the Total Environment</i> , 2020, 739, 140215.	3.9	49
8	Reducing greenhouse gas emissions and grain arsenic and lead levels without compromising yield in organically produced rice. <i>Agriculture, Ecosystems and Environment</i> , 2020, 295, 106922.	2.5	16
9	Methane Emission Factors from Vietnamese Rice Production: Pooling Data of 36 Field Sites for Meta-Analysis. <i>Climate</i> , 2020, 8, 74.	1.2	16
10	Bespoke Adaptation in Rural Africa? An Asset-Based Approach from Southern Ethiopia. <i>European Journal of Development Research</i> , 2019, 31, 413-432.	1.2	3
11	Barriers to Agro-Ecological Intensification of Smallholder Upland Farming Systems in Lao PDR. <i>Agronomy</i> , 2019, 9, 375.	1.3	8
12	Soil greenhouse gas emissions from inorganic fertilizers and recycled oil palm waste products from Indonesian oil palm plantations. <i>GCB Bioenergy</i> , 2019, 11, 1056-1074.	2.5	24
13	Glacially abraded rock flour from Greenland: Potential for macronutrient supply to plants. <i>Journal of Plant Nutrition and Soil Science</i> , 2019, 182, 846-856.	1.1	8
14	Increased retention of available nitrogen during thermal drying of solids of digested sewage sludge and manure by acid and zeolite addition. <i>Waste Management</i> , 2019, 100, 306-317.	3.7	17
15	Transitioning towards commercial upland agriculture: A comparative study in Northern Lao PDR. <i>Njas - Wageningen Journal of Life Sciences</i> , 2019, 88, 57-65.	7.9	19
16	Multi-scale measurements show limited soil greenhouse gas emissions in Kenyan smallholder coffee-dairy systems. <i>Science of the Total Environment</i> , 2018, 626, 328-339.	3.9	22
17	Long rotation swidden systems maintain higher carbon stocks than rubber plantations. <i>Agriculture, Ecosystems and Environment</i> , 2018, 256, 239-249.	2.5	22
18	The effective mitigation of greenhouse gas emissions from rice paddies without compromising yield by early-season drainage. <i>Science of the Total Environment</i> , 2018, 612, 1329-1339.	3.9	74

#	ARTICLE	IF	CITATIONS
19	Co-design and assessment of mitigation practices in rice production systems: A case study in northern Vietnam. <i>Agricultural Systems</i> , 2018, 167, 72-82.	3.2	11
20	Changes in soil organic carbon stocks after conversion from forest to oil palm plantations in Malaysian Borneo. <i>Environmental Research Letters</i> , 2018, 13, 105001.	2.2	30
21	Seed treatment with <i>Penicillium</i> sp. or Mn/Zn can alleviate the negative effects of cold stress in maize grown in soils dependent on soil fertility. <i>Journal of Agronomy and Crop Science</i> , 2018, 204, 603-612.	1.7	16
22	Effects of <i>Penicillium bilaii</i> on maize growth are mediated by available phosphorus. <i>Plant and Soil</i> , 2018, 431, 159-173.	1.8	21
23	Paddy soil drainage influences residue carbon contribution to methane emissions. <i>Journal of Environmental Management</i> , 2018, 225, 168-176.	3.8	9
24	Short-term fallow in extensive upland shifting cultivation systems of Northern Lao PDR: Its role in soil fertility restoration. <i>Land Degradation and Development</i> , 2018, 29, 2911-2919.	1.8	16
25	“To Adopt or not to Adopt?” Legume Adoption in Maize-Based Systems of Northern Thailand: Constraints and Potentials. <i>Land Degradation and Development</i> , 2017, 28, 731-741.	1.8	21
26	Earthworms change the quantity and composition of dissolved organic carbon and reduce greenhouse gas emissions during composting. <i>Waste Management</i> , 2017, 62, 43-51.	3.7	44
27	Reduced turning frequency and delayed poultry manure addition reduces N loss from sugarcane compost. <i>Waste Management</i> , 2017, 65, 169-177.	3.7	21
28	Potential of three microbial bio-effectors to promote maize growth and nutrient acquisition from alternative phosphorous fertilizers in contrasting soils. <i>Chemical and Biological Technologies in Agriculture</i> , 2017, 4, .	1.9	49
29	Mitigating CH <sub>4</sub> and N <sub>2</sub> O emissions from intensive rice production systems in northern Vietnam: Efficiency of drainage patterns in combination with rice residue incorporation. <i>Agriculture, Ecosystems and Environment</i> , 2017, 249, 101-111.	2.5	55
30	Farm-scale greenhouse gas balances, hotspots and uncertainties in smallholder crop-livestock systems in Central Kenya. <i>Agriculture, Ecosystems and Environment</i> , 2017, 248, 58-70.	2.5	29
31	Intensification of Upland Agriculture in Thailand: Development or Degradation?. <i>Land Degradation and Development</i> , 2017, 28, 83-94.	1.8	50
32	Effect of irrigation regimes and nitrogen rates on water use efficiency and nitrogen uptake in maize. <i>Agricultural Water Management</i> , 2017, 179, 271-276.	2.4	79
33	Delayed addition of nitrogen-rich substrates during composting of municipal waste: Effects on nitrogen loss, greenhouse gas emissions and compost stability. <i>Chemosphere</i> , 2017, 166, 352-362.	4.2	55
34	<i>Penicillium bilaii</i> effects on maize growth and P uptake from soil and localized sewage sludge in a rhizobox experiment. <i>Biology and Fertility of Soils</i> , 2017, 53, 23-35.	2.3	22
35	The impact of certification on the natural and financial capitals of Ghanaian cocoa farmers. <i>Agroecology and Sustainable Food Systems</i> , 2017, 41, 143-166.	1.0	29
36	Early drainage mitigates methane and nitrous oxide emissions from organically amended paddy soils. <i>Geoderma</i> , 2017, 304, 49-58.	2.3	25

#	ARTICLE	IF	CITATIONS
37	Combining organic and inorganic nitrogen fertilisation reduces N <sub>2</sub> O emissions from cereal crops: a comparative analysis of China and Zimbabwe. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2017, 22, 233-245.	1.0	24
38	Limits of agricultural greenhouse gas calculators to predict soil N <sub>2</sub> O and CH <sub>4</sub> fluxes in tropical agriculture. <i>Scientific Reports</i> , 2016, 6, 26279.	1.6	31
39	Vermicomposting as a technology for reducing nitrogen losses and greenhouse gas emissions from small-scale composting. <i>Journal of Cleaner Production</i> , 2016, 139, 429-439.	4.6	90
40	The effect of <i>Penicillium bilaii</i> on wheat growth and phosphorus uptake as affected by soil pH, soil P and application of sewage sludge. <i>Chemical and Biological Technologies in Agriculture</i> , 2016, 3, .	1.9	18
41	Factors explaining variability in rice yields in a rain-fed lowland rice ecosystem in Southern Cambodia. <i>Njas - Wageningen Journal of Life Sciences</i> , 2016, 78, 129-137.	7.9	9
42	Effect of bioeffectors and recycled P-fertiliser products on the growth of spring wheat. <i>Chemical and Biological Technologies in Agriculture</i> , 2016, 3, .	1.9	22
43	The impact of black wattle encroachment of indigenous grasslands on soil carbon, Eastern Cape, South Africa. <i>Biological Invasions</i> , 2016, 18, 445-456.	1.2	31
44	Manure, biogas digestate and crop residue management affects methane gas emissions from rice paddy fields on Vietnamese smallholder livestock farms. <i>Nutrient Cycling in Agroecosystems</i> , 2015, 103, 329-346.	1.1	27
45	Rural wood consumption patterns of local and immigrant households with differentiated access to resources in Xishuangbanna, Yunnan, China. <i>Energy Policy</i> , 2015, 80, 112-121.	4.2	4
46	Effects of rice straw, biochar and mineral fertiliser on methane (CH <sub>4</sub> ) and nitrous oxide (N <sub>2</sub> O) emissions from rice ( <i>Oryza sativa</i> L.) grown in a rain-fed lowland rice soil of Cambodia: a pot experiment. <i>Paddy and Water Environment</i> , 2015, 13, 465-475.	1.0	43
47	Greenhouse gas emissions from passive composting of manure and digestate with crop residues and biochar on small-scale livestock farms in Vietnam. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 2924-2935.	1.2	36
48	Detritosphere effects on P availability and C mineralization in soil. <i>European Journal of Soil Science</i> , 2015, 66, 155-165.	1.8	3
49	Agricultural waste utilisation strategies and demand for urban waste compost: Evidence from smallholder farmers in Ethiopia. <i>Waste Management</i> , 2015, 44, 82-93.	3.7	46
50	Development of allometric models for above and belowground biomass in swidden cultivation fallows of Northern Laos. <i>Forest Ecology and Management</i> , 2015, 357, 104-116.	1.4	31
51	Organic Carbon Dynamics in Different Soil Types After Conversion of Forest to Agriculture. <i>Land Degradation and Development</i> , 2015, 26, 272-283.	1.8	166
52	Prediction of changes in important physical parameters during composting of separated animal slurry solid fractions. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 220-231.	1.2	15
53	Organic matter and water management strategies to reduce methane and nitrous oxide emissions from rice paddies in Vietnam. <i>Agriculture, Ecosystems and Environment</i> , 2014, 196, 137-146.	2.5	157
54	Composting of solids separated from anaerobically digested animal manure: Effect of different bulking agents and mixing ratios on emissions of greenhouse gases and ammonia. <i>Biosystems Engineering</i> , 2014, 124, 63-77.	1.9	55

#	ARTICLE	IF	CITATIONS
55	Potential of aeration flow rate and bio-char addition to reduce greenhouse gas and ammonia emissions during manure composting. <i>Chemosphere</i> , 2014, 97, 16-25.	4.2	232
56	Understanding the relationship between livelihood strategy and soil management: empirical insights from the central highlands of Ethiopia. <i>Food Security</i> , 2013, 5, 143-156.	2.4	9
57	Alternate partial root-zone irrigation improves fertilizer-N use efficiency in tomatoes. <i>Irrigation Science</i> , 2013, 31, 589-598.	1.3	38
58	Methane (CH <sub>4</sub> ) and nitrous oxide (N <sub>2</sub> O) emissions from the system of rice intensification (SRI) under a rain-fed lowland rice ecosystem in Cambodia. <i>Nutrient Cycling in Agroecosystems</i> , 2013, 97, 13-27.	1.1	41
59	Effects of fertilization with urban and agricultural organic wastes in a field trial – Waste imprint on soil microbial activity. <i>Soil Biology and Biochemistry</i> , 2013, 57, 794-802.	4.2	56
60	The forgotten D: challenges of addressing forest degradation in complex mosaic landscapes under REDD+. <i>Geografisk Tidsskrift</i> , 2012, 112, 63-76.	0.4	76
61	Form and development of nitrogen in plant waste extracts, effects of papain on nitrogen transfer and use of extracts for lettuce fertigation. <i>Journal of Horticultural Science and Biotechnology</i> , 2012, 87, 633-639.	0.9	1
62	Economic, environmental and socio-cultural sustainability of three constructed wetlands in Thailand. <i>Environment and Urbanization</i> , 2012, 24, 305-323.	1.5	15
63	Biofuels, land use change and smallholder livelihoods: A case study from Banteay Chhmar, Cambodia. <i>Applied Geography</i> , 2012, 34, 525-532.	1.7	24
64	The System of Rice Intensification: Adapted practices, reported outcomes and their relevance in Cambodia. <i>Agricultural Systems</i> , 2012, 113, 16-27.	3.2	38
65	Interactions between uptake of amino acids and inorganic nitrogen in wheat plants. <i>Biogeosciences</i> , 2012, 9, 1509-1518.	1.3	75
66	Evaluation of bamboo as an alternative cropping strategy in the northern central upland of Vietnam: Above-ground carbon fixing capacity, accumulation of soil organic carbon, and socio-economic aspects. <i>Agriculture, Ecosystems and Environment</i> , 2012, 149, 80-90.	2.5	22
67	Understanding livelihood strategy-poverty links: empirical evidence from central highlands of Ethiopia. <i>Environment, Development and Sustainability</i> , 2011, 13, 547-564.	2.7	12
68	Formation and remobilisation of soil microbial residue. Effect of clay content and repeated additions of cellulose and sucrose. <i>Biology and Fertility of Soils</i> , 2011, 47, 863-874.	2.3	8
69	Organic farm conventionalisation and farmer practices in China, Brazil and Egypt. <i>Agronomy for Sustainable Development</i> , 2011, 31, 689-698.	2.2	22
70	Effect of <sup>15</sup> N-labeled hairy vetch and nitrogen fertilization on maize nutrition and yield under no-tillage. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011, 35, 1337-1345.	0.5	22
71	Alternate partial root-zone irrigation induced dry/wet cycles of soils stimulate N mineralization and improve N nutrition in tomatoes. <i>Plant and Soil</i> , 2010, 337, 167-177.	1.8	58
72	A comparative study of farm nutrient budgets and nutrient flows of certified organic and non-organic farms in China, Brazil and Egypt. <i>Nutrient Cycling in Agroecosystems</i> , 2010, 87, 455-470.	1.1	28

#	ARTICLE	IF	CITATIONS
73	Certified organic agriculture in China and Brazil: Market accessibility and outcomes following adoption. <i>Ecological Economics</i> , 2010, 69, 1785-1793.	2.9	56
74	Effect of plant species and temperature on amino acid release from plant material. <i>Agronomy for Sustainable Development</i> , 2010, 30, 679-688.	2.2	3
75	Thinking Outside the Box: Interdisciplinary Integration of Teaching and Research on an Environment and Development Study Programme. <i>Interdisciplinary Science Reviews</i> , 2009, 34, 309-326.	1.0	4
76	Environmental Consequences of the Demise in Swidden Cultivation in Southeast Asia: Carbon Storage and Soil Quality. <i>Human Ecology</i> , 2009, 37, 375-388.	0.7	194
77	Relating soil carbon fractions to land use in sloping uplands in northern Thailand. <i>Agriculture, Ecosystems and Environment</i> , 2009, 131, 229-239.	2.5	33
78	Simultaneous Uptake of Multiple Amino Acids by Wheat. <i>Journal of Plant Nutrition</i> , 2009, 32, 725-740.	0.9	17
79	Crop responses to <sup>15</sup> N-labelled organic and inorganic nitrogen sources. <i>Nutrient Cycling in Agroecosystems</i> , 2008, 80, 49-60.	1.1	7
80	Maize growth and soil nitrogen availability after fertilization with cattle manure and/or gliricidia in semi-arid NE Brazil. <i>Nutrient Cycling in Agroecosystems</i> , 2008, 82, 61-73.	1.1	22
81	Soil erosion from shifting cultivation and other smallholder land use in Sarawak, Malaysia. <i>Agriculture, Ecosystems and Environment</i> , 2008, 125, 182-190.	2.5	59
82	Re-examining the glomalin-purity of glomalin-related soil protein fractions through immunochemical, lectin-affinity and soil labelling experiments. <i>Soil Biology and Biochemistry</i> , 2008, 40, 887-893.	4.2	21
83	A fresh look at shifting cultivation: Fallow length an uncertain indicator of productivity. <i>Agricultural Systems</i> , 2008, 96, 75-84.	3.2	76
84	PROBLEM-BASED, INTERDISCIPLINARY FIELD-BASED COURSES: REFLECTIONS FROM SOUTH AFRICAN EXPERIENCES. <i>Southern African Geographical Journal</i> , 2008, 90, 122-133.	0.9	2
85	Clear the Mind of Pre-conceived Ideas and Get Your Hands Dirty! An Approach to Field-based Courses: The SLUSE-southern Africa Experience. <i>Journal of Geography in Higher Education</i> , 2008, 32, 441-457.	1.4	2
86	Heterogeneous distribution may substantially decrease initial decomposition, long-term microbial growth and N-immobilization from high C-to-N ratio resources. <i>European Journal of Soil Science</i> , 2006, 57, 517-529.	1.8	46
87	A nitrogen mineralization model based on relationships for gross mineralization and immobilization. <i>Soil Biology and Biochemistry</i> , 2006, 38, 2712-2721.	4.2	39
88	Taking Stock of the Brazilian "Zero-Till Revolution": A Review of Landmark Research and Farmers' Practice. <i>Advances in Agronomy</i> , 2006, 91, 47-110.	2.4	174
89	Australian wattle species in the Drakensberg region of South Africa "An invasive alien or a natural resource?". <i>Agricultural Systems</i> , 2005, 85, 216-233.	3.2	80
90	Turnover of organic matter in a <i>Miscanthus</i> field: effect of time in <i>Miscanthus</i> cultivation and inorganic nitrogen supply. <i>Soil Biology and Biochemistry</i> , 2004, 36, 1075-1085.	4.2	70

#	ARTICLE	IF	CITATIONS
91	Carbon allocation to roots, rhizodeposits and soil after pulse labelling: a comparison of white clover ( <i>Trifolium repens</i> L.) and perennial ryegrass ( <i>Lolium perenne</i> L.). <i>Biology and Fertility of Soils</i> , 2004, 39, 228-234.	2.3	39
92	Decomposition of white clover ( <i>Trifolium repens</i> ) and ryegrass ( <i>Lolium perenne</i> ) components: C and N dynamics simulated with the DAISY soil organic matter submodel. <i>European Journal of Agronomy</i> , 2002, 16, 43-55.	1.9	55
93	Title is missing!. <i>Plant and Soil</i> , 2002, 245, 307-314.	1.8	28
94	Influence of the rhizosphere on microbial biomass and recently formed organic matter. <i>European Journal of Soil Science</i> , 2001, 52, 377-384.	1.8	35
95	Title is missing!. <i>Plant and Soil</i> , 1998, 203, 91-101.	1.8	32
96	Energetic, economic and ecological balances of a combined food and energy system. <i>Biomass and Bioenergy</i> , 1998, 15, 407-416.	2.9	44