

# Anne Louise Gimsing

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

2,348  
citations

361413

20  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2482  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate of glyphosate in soil and the possibility of leaching to ground and surface waters: a review. <i>Pest Management Science</i> , 2008, 64, 441-456.	3.4	555
2	Influence of humic substances on phosphate adsorption by aluminium and iron oxides. <i>Geoderma</i> , 2005, 127, 270-279.	5.1	257
3	Glucosinolates and biofumigation: fate of glucosinolates and their hydrolysis products in soil. <i>Phytochemistry Reviews</i> , 2009, 8, 299-310.	6.5	185
4	Chemical and microbiological soil characteristics controlling glyphosate mineralisation in Danish surface soils. <i>Applied Soil Ecology</i> , 2004, 27, 233-242.	4.3	138
5	Influence of soil composition on adsorption of glyphosate and phosphate by contrasting Danish surface soils. <i>European Journal of Soil Science</i> , 2004, 55, 183-191.	3.9	134
6	Sorgoleone. <i>Phytochemistry</i> , 2010, 71, 1032-1039.	2.9	120
7	Glucosinolate and isothiocyanate concentration in soil following incorporation of Brassica biofumigants. <i>Soil Biology and Biochemistry</i> , 2006, 38, 2255-2264.	8.8	113
8	Competitive adsorption and desorption of glyphosate and phosphate on clay silicates and oxides. <i>Clay Minerals</i> , 2002, 37, 509-515.	0.6	93
9	Sorption of glyphosate and phosphate by variable-charge tropical soils from Tanzania. <i>Geoderma</i> , 2007, 138, 127-132.	5.1	91
10	Estimation of soil phosphate adsorption capacity by means of a pedotransfer function. <i>Geoderma</i> , 2004, 118, 55-61.	5.1	78
11	Phosphate and glyphosate adsorption by hematite and ferrihydrite and comparison with other variable-charge minerals. <i>Clays and Clay Minerals</i> , 2007, 55, 108-114.	1.3	68
12	Effect of KCl and CaCl <sub>2</sub> as Background Electrolytes on the Competitive Adsorption of Glyphosate and Phosphate on Goethite. <i>Clays and Clay Minerals</i> , 2001, 49, 270-275.	1.3	65
13	Improving Griffith's protocol for co-extraction of microbial DNA and RNA in adsorptive soils. <i>Soil Biology and Biochemistry</i> , 2013, 63, 37-49.	8.8	55
14	Modeling the Kinetics of the Competitive Adsorption and Desorption of Glyphosate and Phosphate on Goethite and Gibbsite and in Soils. <i>Environmental Science &amp; Technology</i> , 2004, 38, 1718-1722.	10.0	54
15	In Situ Silicone Tube Microextraction: A New Method for Undisturbed Sampling of Root-exuded Thiophenes from Marigold ( <i>Tagetes erecta</i> L.) in Soil. <i>Journal of Chemical Ecology</i> , 2009, 35, 1279-1287.	1.8	49
16	DEGRADATION KINETICS OF GLUCOSINOLATES IN SOIL. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2038.	4.3	44
17	Mineralization of the allelochemical sorgoleone in soil. <i>Chemosphere</i> , 2009, 76, 1041-1047.	8.2	43
18	Effect of Phosphate on the Adsorption of Glyphosate on Soils, Clay Minerals and Oxides. <i>International Journal of Environmental Analytical Chemistry</i> , 2002, 82, 545-552.	3.3	35

#	ARTICLE	IF	CITATIONS
19	Formation and Degradation Kinetics of the Biofumigant Benzyl Isothiocyanate in Soil. Environmental Science & Technology, 2007, 41, 4271-4276.	10.0	30
20	Adsorption of glucosinolates to metal oxides, clay minerals and humic acid. Applied Clay Science, 2007, 35, 212-217.	5.2	28
21	Leaching of isothiocyanates through intact soil following simulated biofumigation. Plant and Soil, 2007, 291, 81-92.	3.7	21
22	The toxic effects of benzyl glucosinolate and its hydrolysis product, the biofumigant benzyl isothiocyanate, to <i>Folsomia fimetaria</i> . Environmental Toxicology and Chemistry, 2010, 29, 359-364.	4.3	19
23	Scientific statement on the coverage of bats by the current pesticide risk assessment for birds and mammals. EFSA Journal, 2019, 17, e05758.	1.8	19
24	Mineralization of benzyl glucosinolate and its hydrolysis product the biofumigant benzyl isothiocyanate in soil. Soil Biology and Biochemistry, 2008, 40, 135-141.	8.8	17
25	Extraction and Determination of Glucosinolates from Soil. Journal of Agricultural and Food Chemistry, 2005, 53, 9663-9667.	5.2	16
26	Pesticide regulatory risk assessment, monitoring, and fate studies in the northern zone: recommendations from a Nordic-Baltic workshop. Environmental Science and Pollution Research, 2016, 23, 15779-15788.	5.3	14
27	Scientific Opinion of the Scientific Panel on Plant Protection Products and their Residues (PPR Panel) on the genotoxic potential of triazine amine (metabolite common to several sulfonylurea active) Tj ETQq1 1 0.784314 rgBT /@verlock		
28	Scientific Opinion about the Guidance of the Chemical Regulation Directorate (UK) on how aged sorption studies for pesticides should be conducted, analysed and used in regulatory assessments. EFSA Journal, 2018, 16, e05382.	1.8	2
29	Scientific Opinion on the setting of health-based reference values for metabolites of the active substance terbuthylazine. EFSA Journal, 2019, 17, e05712.	1.8	2