

# Dilmar Baretta

## List of Publications by Year in descending order

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104  
papers

1,481  
citations

331670

21  
h-index

414414

32  
g-index

104  
all docs

104  
docs citations

104  
times ranked

1925  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil microbial community dynamics and assembly under long-term land use change. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	69
2	Arbuscular Mycorrhizal Fungi and Glomalin-Related Soil Protein as Potential Indicators of Soil Quality in a Recuperation Gradient of the Atlantic Forest in Brazil. <i>Land Degradation and Development</i> , 2016, 27, 325-334.	3.9	68
3	Loss of soil (macro)fauna due to the expansion of Brazilian sugarcane acreage. <i>Science of the Total Environment</i> , 2016, 563-564, 160-168.	8.0	64
4	Immobilization and controlled release of Î²-galactosidase from chitosan-grafted hydrogels. <i>Food Chemistry</i> , 2015, 179, 44-51.	8.2	61
5	Soil macrofauna as an indicator of soil quality in an undisturbed riparian forest and recovering sites of different ages. <i>European Journal of Soil Biology</i> , 2013, 58, 105-112.	3.2	57
6	Earthworm richness in land-use systems in Santa Catarina, Brazil. <i>Applied Soil Ecology</i> , 2014, 83, 59-70.	4.3	51
7	In vitro effect of seven essential oils on the reproduction of the cattle tick <i>Rhipicephalus microplus</i> . <i>Journal of Advanced Research</i> , 2016, 7, 1029-1034.	9.5	40
8	Earthworm populations sampled using collection methods in atlantic forests with <i>Araucaria angustifolia</i> . <i>Scientia Agricola</i> , 2007, 64, 384-392.	1.2	37
9	Fish exposed to water contaminated with eprinomectin show inhibition of the activities of AChE and Na <sup>+</sup> /K <sup>+</sup> -ATPase in the brain, and changes in natural behavior. <i>Chemosphere</i> , 2019, 223, 124-130.	8.2	37
10	Evaluation of cytotoxicity, genotoxicity and ecotoxicity of nanoemulsions containing Mancozeb and Eugenol. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 207-215.	6.0	37
11	Efeito do monocultivo de Pinus e da queima do campo nativo em atributos biolÃ³gicos do solo no Planalto Sul Catarinense. <i>Revista Brasileira De Ciencia Do Solo</i> , 2005, 29, 715-724.	1.3	37
12	Ecotoxicological evaluation of swine manure disposal on tropical soils in Brazil. <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 91-97.	6.0	33
13	Biodiversity and distribution of arbuscular mycorrhizal fungi in <i>Araucaria angustifolia</i> forest. <i>Scientia Agricola</i> , 2007, 64, 393-399.	1.2	32
14	Soil fauna and its relation with environmental variables in soil management systems. <i>Revista Ciencia Agronomica</i> , 2014, 45, 871-879.	0.3	31
15	Macrofauna EdÃ¡fica e Atributos FÃsicos e QuÃmicos em Sistemas de Uso do Solo no Planalto Catarinense. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015, 39, 1544-1553.	1.3	30
16	The influence of land use systems on soil and surface litter fauna in the western region of Santa Catarina. <i>Revista Ciencia Agronomica</i> , 2014, 45, 880-887.	0.3	29
17	Larvicidal and insecticidal effect of <i>Cinnamomum zeylanicum</i> oil (pure and nanostructured) against mealworm ( <i>Alphitobius diaperinus</i> ) and its possible environmental effects. <i>Journal of Asia-Pacific Entomology</i> , 2016, 19, 1159-1165.	0.9	28
18	Complex taxonomy of the â€˜brush tailâ€™ peregrine earthworm <i>Pontoscolex corethrurus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2018, 124, 60-70.	2.7	27

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19	Toxicity of four veterinary pharmaceuticals on the survival and reproduction of <i>Folsomia candida</i> in tropical soils. <i>Chemosphere</i> , 2017, 173, 460-465.	8.2	26
20	Análise multivariada da fauna edáfica em diferentes sistemas de preparo e cultivo do solo. <i>Pesquisa Agropecuaria Brasileira</i> , 2006, 41, 1675-1679.	0.9	25
21	Análise multivariada de atributos microbiológicos e químicos do solo em florestas com <i>Araucaria angustifolia</i> . <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 2683-2691.	1.3	24
22	Macrofauna do solo influenciada pelo uso de fertilizantes químicos e dejetos de suínos no oeste do estado de Santa Catarina. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 589-598.	1.3	22
23	Relationships between microbial activity and soil physical and chemical properties in native and reforested <i>Araucaria angustifolia</i> forests in the state of São Paulo, Brazil. <i>Revista Brasileira De Ciencia Do Solo</i> , 2013, 37, 572-586.	1.3	22
24	Toxicity of imidacloprid to the earthworm <i>Eisenia andrei</i> and collembolan <i>Folsomia candida</i> in three contrasting tropical soils. <i>Journal of Soils and Sediments</i> , 2020, 20, 1997-2007.	3.0	21
25	Colêmbolos (Hexapoda: Collembola) como bioindicadores de qualidade do solo em áreas com <i>Araucaria angustifolia</i> . <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 2693-2699.	1.3	20
26	Influence of cypermethrin on avoidance behavior, survival and reproduction of <i>Folsomia candida</i> in soil. <i>Chemosphere</i> , 2015, 122, 94-98.	8.2	20
27	Morphological diversity of springtails (Hexapoda: Collembola) as soil quality bioindicators in land use systems. <i>Biota Neotropica</i> , 2019, 19, .	0.5	20
28	Trap and soil monolith sampled edaphic spiders (arachnida: araneae) in <i>Araucaria angustifolia</i> forest. <i>Scientia Agricola</i> , 2007, 64, 375-383.	1.2	19
29	Microbiological and faunal soil attributes of coffee cultivation under different management systems in Brazil. <i>Brazilian Journal of Biology</i> , 2015, 75, 894-905.	0.9	19
30	Effect of temperature on the toxicity of imidacloprid to <i>Eisenia andrei</i> and <i>Folsomia candida</i> in tropical soils. <i>Environmental Pollution</i> , 2020, 267, 115565.	7.5	19
31	Ecotoxicological effects of pig manure on <i>Folsomia candida</i> in subtropical Brazilian soils. <i>Journal of Hazardous Materials</i> , 2016, 314, 113-120.	12.4	18
32	Ecotoxicological effect of fipronil and its metabolites on <i>Folsomia candida</i> in tropical soils. <i>Environmental Toxicology and Pharmacology</i> , 2018, 62, 203-209.	4.0	18
33	Morphological Diversity of Coleoptera (Arthropoda: Insecta) in Agriculture and Forest Systems. <i>Revista Brasileira De Ciencia Do Solo</i> , 2017, 41, .	1.3	17
34	Fish exposed to eprinomectin show hepatic oxidative stress and impairment in enzymes of the phosphotransfer network. <i>Aquaculture</i> , 2019, 508, 199-205.	3.5	17
35	Arbuscular mycorrhizal fungal communities in native and in replanted <i>Araucaria</i> forest. <i>Scientia Agricola</i> , 2009, 66, 677-684.	1.2	17
36	Ecotoxicological effects of fipronil, neem cake and neem extract in edaphic organisms from tropical soil. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 207-214.	6.0	15

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37	Por que devemos nos importar com os colÃ©mbolos edÃ©ficos?. <i>Scientia Agraria</i> , 2016, 17, 21.	0.5	15
38	Changes in physical properties and organic carbon of a Kandiodox fertilized with manure. <i>Ciencia Rural</i> , 2016, 46, 809-814.	0.5	14
39	Ants as indicators of soil quality in an on-going recovery of riparian forests. <i>Forest Ecology and Management</i> , 2017, 404, 338-343.	3.2	14
40	Abundance and Diversity of Soil Macrofauna in Native Forest, Eucalyptus Plantations, Perennial Pasture, Integrated Crop-Livestock, and No-Tillage Cropping. <i>Revista Brasileira De Ciencia Do Solo</i> , 2016, 40, .	1.3	13
41	Collembola Community Structure as a Tool to Assess Land Use Effects on Soil Quality. <i>Revista Brasileira De Ciencia Do Solo</i> , 2016, 40, .	1.3	13
42	Copper/Zinc Bioaccumulation and the Effect of Phytotoxicity on the Growth of Lettuce ( <i>Lactuca</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Soil Pollution, 2017, 228, 1.	2.4	13
43	Quality standards for urban waste composts: The need for biological effect data. <i>Science of the Total Environment</i> , 2019, 694, 133602.	8.0	12
44	Ecotoxicological assessment of Fluazuron: effects on <i>Folsomia candida</i> and <i>Eisenia andrei</i> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 5842-5850.	5.3	12
45	Soil macrofauna in organic and conventional coffee plantations in Brazil. <i>Biota Neotropica</i> , 2018, 18, .	0.5	11
46	Soil physical indicators of management systems in traditional agricultural areas under manure application. <i>Scientia Agricola</i> , 2018, 75, 354-359.	1.2	10
47	Toxicity of imidacloprid to collembolans in two tropical soils under different soil moisture. <i>Journal of Environmental Quality</i> , 2020, 49, 1491-1501.	2.0	10
48	Accessing the subterranean ant fauna (Hymenoptera: Formicidae) in native and modified subtropical landscapes in the Neotropics. <i>Biota Neotropica</i> , 2020, 20, .	0.5	10
49	Morphological Diversity of Springtails in Land Use Systems. <i>Revista Brasileira De Ciencia Do Solo</i> , 2018, 42, .	1.3	9
50	Estudo metanalÃ©tico da resposta de gramÃ©neas perenes de verÃ©o Ã adubaÃ§Ã£o nitrogenada. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2018, 70, 545-553.	0.4	9
51	Influence of ZnO Nanoparticles and a Non-Nano ZnO on Survival and Reproduction of Earthworm and Springtail in Tropical Natural Soil. <i>Revista Brasileira De Ciencia Do Solo</i> , 2019, 43, .	1.3	9
52	Soil Macrofauna as a Soil Quality Indicator in Native and replanted <i>Araucaria angustifolia</i> Forests. <i>Revista Brasileira De Ciencia Do Solo</i> , 2017, 41, .	1.3	8
53	Disentangling the effects of the aqueous matrix on the potential toxicity of liquid pig manure in sub-tropical soils under semi-field conditions. <i>Ecotoxicology and Environmental Safety</i> , 2019, 168, 457-465.	6.0	8
54	Collembola community structure under different land management in subtropical Brazil. <i>Annals of Applied Biology</i> , 2020, 177, 294-307.	2.5	8

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55	Edaphic fauna affects soybean productivity under no-till system. <i>Scientia Agricola</i> , 2021, 78, .	1.2	8
56	Spiders (Arachnida: Araneae) in Agricultural Land Use Systems in Subtropical Environments. <i>Revista Brasileira De Ciencia Do Solo</i> , 2018, 42, .	1.3	7
57	Reforestation processes, seasonality and soil characteristics influence arbuscular mycorrhizal fungi dynamics in <i>Araucaria angustifolia</i> forest. <i>Forest Ecology and Management</i> , 2020, 460, 117899.	3.2	7
58	Impacts on reproduction of <i>Enchytraeus crypticus</i> in fertilized soils with chicken litter treated with synthetic and natural insecticide. <i>Environmental Toxicology and Pharmacology</i> , 2020, 78, 103386.	4.0	7
59	Biogeographic Patterns of Arbuscular Mycorrhizal Fungal Communities Along a Land-Use Intensification Gradient in the Subtropical Atlantic Forest Biome. <i>Microbial Ecology</i> , 2021, 82, 942-960.	2.8	7
60	DIVERSIDADE DE COLEOPTERA (ARTHROPODA: INSECTA) E ATRIBUTOS EDÁFICOS EM SISTEMAS DE USO DO SOLO NO PLANALTO CATARINENSE. <i>Scientia Agraria</i> , 2016, 17, .	0.5	7
61	Toxicity of fipronil to <i>Folsomia candida</i> in contrasting tropical soils and soil moisture contents: effects on the reproduction and growth. <i>Ecotoxicology</i> , 2022, 31, 64-74.	2.4	7
62	Ecotoxicology of Glycerol Monolaurate nanocapsules. <i>Ecotoxicology and Environmental Safety</i> , 2017, 139, 73-77.	6.0	6
63	Eprinomectin antiparasitic affects survival, reproduction and behavior of <i>Folsomia candida</i> biomarker, and its toxicity depends on the type of soil. <i>Environmental Toxicology and Pharmacology</i> , 2019, 72, 103262.	4.0	6
64	Soil ecosystem changes by vegetation on old-field sites over five decades in the Brazilian Atlantic forest. <i>Journal of Forestry Research</i> , 2022, 33, 667-677.	3.6	6
65	Chemical and microbiological soil properties in organic and conventional management systems of <i>Coffea arabica</i> L.. <i>Journal of Plant Nutrition</i> , 2017, 40, 2076-2086.	1.9	6
66	Diversity of springtails (Collembola) in agricultural and forest systems in Southern Santa Catarina. <i>Biota Neotropica</i> , 2019, 19, .	0.5	6
67	Recommendations for assessing earthworm populations in Brazilian ecosystems. <i>Pesquisa Agropecuaria Brasileira</i> , 0, 55, .	0.9	6
68	Near-Infrared Spectroscopy and Multivariate Analysis for the Determination of Nutritional Value of Soybean Meal and Maize Bran. <i>Analytical Letters</i> , 2016, 49, 1548-1563.	1.8	5
69	Diversity of soil spiders in land use and management systems in Santa Catarina, Brazil. <i>Biota Neotropica</i> , 2019, 19, .	0.5	5
70	Discriminating Organic and Conventional Coffee Production Systems Through Soil and Foliar Analysis Using Multivariate Approach. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 651-661.	1.4	5
71	Can the increase in atmospheric temperature enhance the toxicity and risk of fipronil for collembolans in tropical soils?. <i>Environmental Science and Pollution Research</i> , 2022, 29, 27104-27114.	5.3	5
72	Low Dose of Nanocapsules Containing Eucalyptus Oil Has Beneficial Repellent Effect Against Horn Fly (Diptera: Muscidae). <i>Journal of Economic Entomology</i> , 2018, 111, 2983-2987.	1.8	4

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73	Different diets with and without inclusion of antimicrobial additives alter the toxicity of swine manure to springtails and earthworms. <i>Bioscience Journal</i> , 2020, 36, .	0.4	4
74	Coleoptera Diversity and Soil Properties in Land Use Systems. <i>Floresta E Ambiente</i> , 2020, 27, .	0.4	4
75	Efecto insecticida y repelente del aceite de canela sobre moscas asociadas con el ganado. <i>Revista MVZ Cordoba</i> , 2018, 23, 6628-6636.	0.1	3
76	Soil spiders (Arachnida: Araneae) in native and reforested Araucaria forests. <i>Scientia Agricola</i> , 2021, 78, .	1.2	3
77	Effects of sheep manure in agricultural soils on the behavior of <i>Folsomia candida</i> and initial growth and development of <i>Avena sativa</i> . <i>Brazilian Journal of Biology</i> , 2021, 81, 1030-1035.	0.9	3
78	Influência de fertilizantes químicos e dejetos líquidos de suínos na fauna do solo. <i>Agrarian</i> , 2018, 11, 219-229.	0.1	3
79	Greenhouse gases emission from soil contaminated with automobile industry residue in Brazil. <i>Plant and Soil</i> , 2010, 333, 315-323.	3.7	2
80	Economic and soil quality indicators in soybean crops grown under integrated crop-livestock and winter-grain cultivation systems. <i>Ciencia Rural</i> , 2016, 46, 1165-1171.	0.5	2
81	Insecticidal Action of Glycerol Monolaurate against the Lesser Mealworm ( <i>Alphitobius diaperinus</i> ) and its Ecotoxicological Effect on <i>Enchytraeus crypticus</i> . <i>Acta Scientiae Veterinariae</i> , 2018, 46, 6.	0.2	2
82	Increasing level of liquid pig manure reduces <i>Eisenia andrei</i> and <i>Enchytraeus crypticus</i> reproduction in subtropical soils. <i>Scientific Reports</i> , 2020, 10, 10687.	3.3	2
83	Addition of tea tree oil ( <i>Melaleuca alternifolia</i> ) in diet minimize biochemical disturbances in silver catfish <i>Rhamdia quelen</i> exposed to the antiparasitic amitraz. <i>Aquaculture</i> , 2021, 543, 736954.	3.5	2
84	Magnesium oxide nanoparticles and their ecotoxicological effect on edaphic organisms in tropical soil. <i>Journal of Applied Toxicology</i> , 2022, 42, 553-569.	2.8	2
85	Indicadores de eficiência técnica e econômica do milho cultivado em sistema plantio direto no Estado de Santa Catarina, Brasil. <i>Revista Ceres</i> , 2017, 64, 232-241.	0.4	2
86	Produção, valor nutritivo e produtividade estimada de leite de pastagens consorciadas de estações frias. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2020, 72, 599-606.	0.4	2
87	Role of climatic factors in the toxicity of fipronil toward earthworms in two tropical soils: effects of increased temperature and reduced soil moisture content. <i>Environmental Science and Pollution Research</i> , 2022, 29, 56370-56378.	5.3	2
88	AVALIAÇÃO ECOTOXICOLÓGICA DO RESÍDUO DE MINERAÇÃO DE CARVÃO. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015, 39, 1806-1813.	1.3	1
89	Mesofauna and Macrofauna in Soil and Litter of Mixed Plantations. , 2020, , 155-172.		1
90	Ecotoxicological Evaluation of Forest Biomass Ash on Springtails and Earthworms in Subtropical Soils of Brazil. <i>Journal of Agricultural Studies</i> , 2020, 8, 208.	0.1	1

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91	Effect of toxicity in <i>Folsomia candida</i> by the use of fungicide and insecticide in subtropical soil. <i>Brazilian Journal of Environmental Sciences (Online)</i> , 2021, 56, 1-11.	0.4	1
92	Toxicity of pesticides with fungicide and fungicide + insecticide effects to <i>Eisenia andrei</i> . <i>Revista Ambiente &amp; Água</i> , 2020, 15, 1.	0.3	1
93	System electro-neutralizer of agrochemicals contained in food and water samples through electrons trap. <i>Food Science and Technology</i> , 2020, 40, 315-325.	1.7	1
94	Fauna edáfica e suas relações com atributos químicos, físicos e microbiológicos em Floresta de Araucária. <i>Ciencia Florestal</i> , 2020, 30, 242.	0.3	1
95	Ecotoxicological effects of untreated pig manure from diets with or without growth-promoting supplements on <i>Eisenia andrei</i> in subtropical soils. <i>Environmental Science and Pollution Research</i> , 2022, 29, 66705-66715.	5.3	1
96	Ecotoxicological assessment of silicate rock fertilizers using soil invertebrates. <i>Pesquisa Agropecuaria Brasileira</i> , 0, 56, .	0.9	0
97	Digestibilidade do grão de trigo de duplo propósito, cultivar BRS Tarumã, produzido em sistema agroecológico ou convencional para suínos. <i>Semina: Ciências Agrárias</i> , 2014, 35, 2767.	0.3	0
98	Suplemento de difenil diselenuro inyectable en ovejas lecheras. <i>Revista MVZ Cordoba</i> , 0, , 6438-6447.	0.1	0
99	<i>Cinnamomum zeylanicum</i> Essential Oil Reduces Infestation by <i>Alphitobius diaperinus</i> in Poultry Litter. <i>Acta Scientiae Veterinariae</i> , 2018, 46, .	0.2	0
100	Ecotoxicological effects of swine manure on <i>Folsomia candida</i> in subtropical soils. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20180758.	0.8	0
101	Effects of fertilizers on the root of <i>Avena strigosa</i> and behavior of <i>Folsomia candida</i> . <i>Revista Acta Ambiental Catarinense</i> , 2020, 18, 1-9.	0.1	0
102	ECONOMIC ANALYSIS OF MAIZE GROWN UNDER INCREASING NITROGEN DOSES IN SUCCESSION TO INTERCROPPED PASTURES. <i>Revista Brasileira De Milho E Sorgo</i> , 0, 19, 15.	0.2	0
103	Fauna edáfica em áreas reconstruídas após mineração de carvão a céu aberto. <i>Revista Em Agronegocio E Meio Ambiente</i> , 2021, 14, 1-14.	0.1	0
104	Biogeographic responses and niche occupancy of microbial communities following long-term land-use change. <i>Antonie Van Leeuwenhoek</i> , 0, , .	1.7	0