

# Christopher W Davoren

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

660  
citations

567281

15  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions between earthworms, beneficial soil microorganisms and root pathogens. <i>Applied Soil Ecology</i> , 1994, 1, 3-10.	4.3	83
2	Influence of the earthworms <i>Aporrectodea trapezoides</i> and <i>A. rosea</i> on the disease severity of <i>Rhizoctonia solani</i> on subterranean clover and ryegrass. <i>Soil Biology and Biochemistry</i> , 1997, 29, 511-516.	8.8	54
3	Nitrogen cycling in summer active perennial grass systems in South Australia: non-symbiotic nitrogen fixation. <i>Crop and Pasture Science</i> , 2014, 65, 1044.	1.5	54
4	Earthworms as indicators of sustainable production in dryland cropping in southern Australia. <i>Soil Biology and Biochemistry</i> , 1997, 29, 547-554.	8.8	49
5	Reduced severity of <i>rhizoctonia solani</i> disease on wheat seedlings associated with the presence of the earthworm <i>aporrectodea trapezoides</i> (lumbricidae). <i>Soil Biology and Biochemistry</i> , 1993, 25, 1477-1484.	8.8	47
6	Ability of the lumbricid earthworms <i>Aporrectodea rosea</i> and <i>Aporrectodea trapezoides</i> to reduce the severity of take-all under greenhouse and field conditions. <i>Soil Biology and Biochemistry</i> , 1994, 26, 1291-1297.	8.8	47
7	Influence of the lumbricid earthworm <i>Aporrectodea trapezoides</i> on the colonization of wheat roots by <i>Pseudomonas corrugata</i> strain 2140R in soil. <i>Soil Biology and Biochemistry</i> , 1993, 25, 1719-1724.	8.8	42
8	Influence of the earthworm <i>Aporrectodea trapezoides</i> (Lumbricidae) on the colonization of alfalfa ( <i>Medicago sativa</i> L.) roots by <i>Rhizobium meliloti</i> L5-30R and the survival of <i>R. meliloti</i> L5-30R in soil. <i>Biology and Fertility of Soils</i> , 1994, 18, 63-70.	4.3	41
9	Enhanced root nodulation of subterranean clover ( <i>Trifolium subterraneum</i> ) by <i>Rhizobium leguminosarium biovar trifolii</i> in the presence of the earthworm <i>Aporrectodea trapezoides</i> (Lumbricidae). <i>Biology and Fertility of Soils</i> , 1994, 18, 169-174.	4.3	39
10	Ability of the earthworms <i>Aporrectodea rosea</i> and <i>Aporrectodea trapezoides</i> to increase plant growth and the foliar concentration of elements in wheat ( <i>Triticum aestivum</i> cv. spear) in a sandy loam soil. <i>Biology and Fertility of Soils</i> , 1994, 18, 150-154.	4.3	34
11	Field evidence for reduced severity of <i>Rhizoctonia</i> bare-patch disease of wheat, due to the presence of the earthworms <i>Aporrectodea Rosea</i> and <i>Aporrectodea Trapezoides</i> . <i>Soil Biology and Biochemistry</i> , 1994, 26, 1495-1500.	8.8	29
12	Break-crop effects on wheat production across soils and seasons in a semi-arid environment. <i>Crop and Pasture Science</i> , 2015, 66, 566.	1.5	27
13	Long-term cropping system studies support intensive and responsive cropping systems in the low-rainfall Australian Mallee. <i>Crop and Pasture Science</i> , 2015, 66, 553.	1.5	20
14	Influence of the earthworms <i>Aporrectodea rosea</i> and <i>Aporrectodea trapezoides</i> on <i>Rhizoctonia solani</i> disease of wheat seedlings and the interaction with a surface mulch of cereal-pea straw. <i>Soil Biology and Biochemistry</i> , 1994, 26, 1285-1287.	8.8	19
15	Effect of the lumbricid earthworm <i>Aporrectodea trapezoides</i> on wheat grain yield in the field, in the presence or absence of <i>Rhizoctonia solani</i> and <i>Gaeumannomyces graminis</i> var. <i>tritici</i> . <i>Soil Biology and Biochemistry</i> , 1996, 28, 561-567.	8.8	19
16	Title is missing!. <i>Australasian Plant Pathology</i> , 1999, 28, 187.	1.0	14
17	Influence of barley straw and the lumbricid earthworm <i>Aporrectodea trapezoides</i> on <i>Rhizobium meliloti</i> L5-30R, <i>Pseudomonas corrugata</i> 2140R, microbial biomass and microbial activity in a red-brown earth soil. <i>Soil Biology and Biochemistry</i> , 1995, 27, 1489-1497.	8.8	11
18	Assessing the Potential for Zone-specific Management of Cereals in Low-rainfall South-eastern Australia: Combining On-farm Results and Simulation Analysis. <i>Journal of Agronomy and Crop Science</i> , 2017, 203, 14-28.	3.5	10

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19	Simulation of water-limited growth of the forage shrub saltbush ( <i>Atriplex nummularia</i> Lindl.) in a low-rainfall environment of southern Australia. <i>Crop and Pasture Science</i> , 2014, 65, 1068.	1.5	9
20	Mitigation of carbon using <i>Atriplex nummularia</i> revegetation. <i>Ecological Engineering</i> , 2017, 106, 253-262.	3.6	7
21	Combined application of nitrogen and phosphorus to enhance nitrogen use efficiency and close the wheat yield gap on varying soils in semi-arid conditions. <i>Journal of Agronomy and Crop Science</i> , 2019, 205, 635-646.	3.5	5