

J Ole Becker

List of Publications by Year in descending order

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58
papers

1,728
citations

218677

26
h-index

289244

40
g-index

60
all docs

60
docs citations

60
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Siderophores in Suppression of <i>Pythium</i> Species and Production of Increased-Growth Response of Wheat by Fluorescent Pseudomonads. <i>Phytopathology</i> , 1988, 78, 778.	2.2	122
2	Identifying Microorganisms Involved in Specific Pathogen Suppression in Soil. <i>Annual Review of Phytopathology</i> , 2007, 45, 153-172.	7.8	110
3	Effects of Rhizobacteria on Root-Knot Nematodes and Gall Formation. <i>Phytopathology</i> , 1988, 78, 1466.	2.2	78
4	Correlations between Root-Associated Microorganisms and Peach Replant Disease Symptoms in a California Soil. <i>PLoS ONE</i> , 2012, 7, e46420.	2.5	75
5	Biological Suppression and Natural Population Decline of <i>Heterodera schachtii</i> in a California Field. <i>Phytopathology</i> , 1999, 89, 434-440.	2.2	72
6	â€Candidatus <i>Pasteuria usgae</i> sp. nov., an obligate endoparasite of the phytoparasitic nematode <i>Belonolaimus longicaudatus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 197-200.	1.7	68
7	Control of soil-borne pathogens with living bacteria and fungi: Status and outlook. <i>Pest Management Science</i> , 1993, 37, 355-363.	0.4	62
8	Acceleration of 1,3-Dichloropropene Degradation by Organic Amendments and Potential Application for Emissions Reduction. <i>Journal of Environmental Quality</i> , 1998, 27, 408-414.	2.0	59
9	Degradation and Adsorption of Fosthiazate in Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6239-6242.	5.2	56
10	Inhibitory Effect of Pseudobactin on the Uptake of Iron by Higher Plants. <i>Applied and Environmental Microbiology</i> , 1985, 49, 1090-1093.	3.1	56
11	Identification of Fungal rDNA Associated with Soil Suppressiveness Against <i>Heterodera schachtii</i> Using Oligonucleotide Fingerprinting. <i>Phytopathology</i> , 2003, 93, 1006-1013.	2.2	49
12	Bacterial rRNA Genes Associated with Soil Suppressiveness against the Plant-Parasitic Nematode <i>Heterodera schachtii</i> . <i>Applied and Environmental Microbiology</i> , 2003, 69, 1573-1580.	3.1	46
13	Surface Amendment of Fertilizer Ammonium Thiosulfate To Reduce Methyl Bromide Emission from Soil. <i>Environmental Science & Technology</i> , 1998, 32, 2438-2441.	10.0	44
14	Efficacy of methyl iodide and synergy with chloropicrin for control of fungi. <i>Pest Management Science</i> , 2000, 56, 413-418.	3.4	43
15	Degradation of Soil Fumigants as Affected by Initial Concentration and Temperature. <i>Journal of Environmental Quality</i> , 2001, 30, 1278-1286.	2.0	43
16	Suppression of the Plant-Parasitic Nematode <i>Heterodera schachtii</i> by the Fungus <i>Dactylella oviparasitica</i> . <i>Phytopathology</i> , 2006, 96, 111-114.	2.2	41
17	Transfer of Biological Soil Suppressiveness Against <i>Heterodera schachtii</i> . <i>Phytopathology</i> , 2000, 90, 401-406.	2.2	40
18	Identification of root-knot nematode suppressive soils. <i>Applied Soil Ecology</i> , 2002, 19, 51-56.	4.3	40

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19	Surface application of ammonium thiosulfate fertilizer to reduce volatilization of 1,3-dichloropropene from soil. <i>Pest Management Science</i> , 2000, 56, 264-270.	3.4	35
20	Methyl Bromide Emission Reduction with Field Management Practices. <i>Environmental Science & Technology</i> , 1997, 31, 3017-3022.	10.0	33
21	Fumigant combinations for <i>Cyperus esculentum</i> L control. <i>Pest Management Science</i> , 2004, 60, 369-374.	3.4	33
22	Dose response of weeds to methyl iodide and methyl bromide. <i>Weed Research</i> , 1997, 37, 181-189.	1.7	31
23	Effects of soil pH on rhizoctonia damping-off of sugar beet and disease suppression induced by soil amendment with crop residues. <i>Plant and Soil</i> , 2011, 347, 255-268.	3.7	31
24	Biocontrol of plant diseases is not an unsafe technology!. <i>Journal of Plant Diseases and Protection</i> , 2018, 125, 121-125.	2.9	31
25	Efficacy of new nematicides for managing <i>Meloidogyne incognita</i> in tomato crop. <i>Journal of Phytopathology</i> , 2019, 167, 295-298.	1.0	31
26	Transformation of 1,3-Dichloropropene in Soil by Thiosulfate Fertilizers. <i>Journal of Environmental Quality</i> , 2000, 29, 1476-1481.	2.0	29
27	Evaluation of Methyl Iodide as a Soil Fumigant for Root-Knot Nematode Control in Carrot Production. <i>Plant Disease</i> , 1999, 83, 33-36.	1.4	25
28	Soil suppressiveness to <i>Heterodera schachtii</i> under different cropping sequences. <i>Nematology</i> , 2001, 3, 551-558.	0.6	25
29	Multi-Year Field Evaluation of Fluorinated Nematicides Against <i>Meloidogyne incognita</i> in Carrots. <i>Plant Disease</i> , 2019, 103, 2392-2396.	1.4	25
30	Effect of soil physical factors on methyl iodide and methyl bromide. <i>Pest Management Science</i> , 1998, 53, 71-79.	0.4	24
31	Induction of Beet-Cyst Nematode Suppressiveness by the Fungi <i>Dactylella oviparasitica</i> and <i>Fusarium oxysporum</i> in Field Microplots. <i>Phytopathology</i> , 2006, 96, 855-859.	2.2	24
32	Efficacy of methyl iodide soil fumigation for control of <i>Meloidogyne incognita</i> , <i>Tylenchulus semipenetrans</i> and <i>Heterodera schachtii</i> . <i>Nematology</i> , 1999, 1, 407-414.	0.6	19
33	Evaluation of propargyl bromide for control of barnyardgrass and <i>Fusarium oxysporum</i> in three soils. <i>Pest Management Science</i> , 2001, 57, 781-786.	3.4	17
34	Fluazaindolizine mitigates plant-parasitic nematode activity at sublethal dosages. <i>Journal of Pest Science</i> , 2021, 94, 573-583.	3.7	17
35	Column System for Concurrent Assessment of Emission Potential and Pest Control of Soil Fumigants. <i>Journal of Environmental Quality</i> , 2000, 29, 657-661.	2.0	15
36	Incorporation of Fumigants into Soil Organic Matter. <i>Environmental Science & Technology</i> , 2003, 37, 1288-1291.	10.0	15

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37	Dactylella oviparasitica parasitism of the sugar beet cyst nematode observed in trixenic culture plates. Biological Control, 2013, 64, 51-56.	3.0	15
38	Nematode response to methyl bromide and 1,3-dichloropropene soil fumigation at different temperatures. Pest Management Science, 2000, 56, 737-742.	3.4	14
39	Effect of Films on 1,3-Dichloropropene and Chloropicrin Emission, Soil Concentration, and Root-Knot Nematode Control in a Raised Bed. Journal of Agricultural and Food Chemistry, 2013, 61, 2400-2406.	5.2	14
40	Population Dynamics of the Sting Nematode in California Turfgrass. Plant Disease, 2000, 84, 1081-1084.	1.4	12
41	Survival of Plant Pathogens in Static Piles of Ground Green Waste. Phytopathology, 2008, 98, 547-554.	2.2	12
42	Impact of soil suppressiveness on various population densities of Heterodera schachtii. Annals of Applied Biology, 2001, 138, 371-376.	2.5	11
43	Fruit and Citrus Trees. Agronomy, 0, , 637-684.	0.2	11
44	Control of <i>Meloidogyne incognita</i> in sweetpotato with fluensulfone. Journal of Nematology, 2019, 51, 1-8.	0.9	11
45	Effect of Rhizobacteria and Metham-Sodium on Growth and Root Microflora of Celery Cultivars. Phytopathology, 1990, 80, 206.	2.2	10
46	An experimental approach for identifying microorganisms involved in specified functions: utilisation for understanding a nematode suppressive soil. Australasian Plant Pathology, 2004, 33, 151.	1.0	9
47	The Evaluation of Egg-Parasitic Fungi Paraboeremia taiwanensis and Samsoniella sp. for the Biological Control of Meloidogyne enterolobii on Chinese Cabbage. Microorganisms, 2020, 8, 828.	3.6	9
48	Diverse Effects of Some Bacterial Siderophores on the Uptake of Iron by Plants. , 1986, , 61-70.		7
49	A convenient autoradiographic technique for study of uptake of minerals by plant roots and the effects of environmental factors upon the process. Plant and Soil, 1986, 92, 299-302.	3.7	5
50	<i>Hyalorbilia oviparasitica</i> Clade Detected in Field Soils Cropped to Sugar Beets and Enriched in the Presence of <i>Heterodera schachtii</i> and a Host Crop. PhytoFrontiers, 2021, 1, 13-20.	1.6	4
51	Detection of Nematophagous Fungi from <i>Heterodera schachtii</i> Females Using a Baiting Experiment with Soils Cropped to <i>Brassica</i> Species from California's Central Coast. PhytoFrontiers, 2021, 1, 4-12.	1.6	4
52	Temperature-dependent effects of soil amendment with crop residues on suppression of Rhizoctonia damping-off of sugar beet. Plant and Soil, 2013, 366, 467-477.	3.7	3
53	Fluopyram Controls Shoot-galling Caused by Pacific Shoot-gall Nematode and Improves Turf Quality in Annual Bluegrass Putting Greens. HortTechnology, 2020, 30, 709-718.	0.9	3
54	Soil biological and physiochemical factors limiting the growth potential of tomato planted in waterlogged volcanic soil. Journal of Plant Nutrition, 2018, 41, 2151-2169.	1.9	2

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55	Effect of <i>Heterodera schachtii</i> female age on susceptibility to three fungal hyperparasites in the genus <i>Hyalorbilia</i> . <i>Journal of Nematology</i> , 2020, 52, 1-12.	0.9	2
56	The role of phosphorus in growing tomatoes in near water-saturated soil. <i>Journal of Plant Nutrition</i> , 2020, 43, 1091-1103.	1.9	1
57	DELIVERY OF GASES VIA DRIP IRRIGATION TUBING: AN EXPLORATORY STUDY. <i>Acta Horticulturae</i> , 2007, , 69-76.	0.2	0
58	Pacific shootâ€gall disease control in annual bluegrass putting greens using a new formulation of abamectin. <i>Itsj</i> , 2022, 14, 883-892.	0.3	0