

# Arthur W Schaafsma

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,762  
citations

331259

21  
h-index

276539

41  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1687  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of the improvements in Fusarium head blight and agronomic management on economics of winter wheat. <i>World Mycotoxin Journal</i> , 2020, 13, 423-439.	0.8	25
2	<i>Fusarium graminearum</i> populations from maize and wheat in Ontario, Canada. <i>World Mycotoxin Journal</i> , 2020, 13, 355-366.	0.8	14
3	Susceptibility of Different Instars of <i>Striacosta albicosta</i> (Lepidoptera: Noctuidae) to Vip3A, a <i>Bacillus thuringiensis</i> (Bacillaceae: Bacillales) Protein. <i>Journal of Economic Entomology</i> , 2019, 112, 2335-2344.	0.8	9
4	Neonicotinoid insecticide residues in subsurface drainage and open ditch water around maize fields in southwestern Ontario. <i>PLoS ONE</i> , 2019, 14, e0214787.	1.1	8
5	Effect of Prothioconazole Application Timing on <i>Fusarium</i> Mycotoxin Content in Maize Grain. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4809-4819.	2.4	29
6	Baseline Susceptibility of <i>Striacosta albicosta</i> (Lepidoptera: Noctuidae) in Ontario, Canada to Vip3A <i>Bacillus thuringiensis</i> Protein. <i>Journal of Economic Entomology</i> , 2018, 111, 65-71.	0.8	13
7	The role of field dust in pesticide drift when pesticide-treated maize seeds are planted with vacuum-type planters. <i>Pest Management Science</i> , 2018, 74, 323-331.	1.7	14
8	Comparison of Six Artificial Diets for Western Corn Rootworm Bioassays and Rearing. <i>Journal of Economic Entomology</i> , 2018, 111, 2727-2733.	0.8	14
9	<i>Fusarium graminearum</i> Mycotoxins in Maize Associated With <i>Striacosta albicosta</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	14
10	Concentration and movement of neonicotinoids as particulate matter downwind during agricultural practices using air samplers in southwestern Ontario, Canada. <i>Chemosphere</i> , 2017, 188, 130-138.	4.2	40
11	Evidence for Field-Evolved Resistance of <i>Striacosta albicosta</i> (Lepidoptera: Noctuidae) to Cry1F <i>Bacillus thuringiensis</i> Protein and Transgenic Corn Hybrids in Ontario, Canada. <i>Journal of Economic Entomology</i> , 2017, 110, 2217-2228.	0.8	43
12	Occurrence of <i>Penicillium verrucosum</i> , ochratoxin A, ochratoxin B and citrinin in on-farm stored winter wheat from the Canadian Great Lakes Region. <i>PLoS ONE</i> , 2017, 12, e0181239.	1.1	32
13	Field-scale examination of neonicotinoid insecticide persistence in soil as a result of seed treatment use in commercial maize (corn) fields in southwestern Ontario. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 295-302.	2.2	62
14	Neonicotinoid insecticide residues in soil dust and associated parent soil in fields with a history of seed treatment use on crops in southwestern Ontario. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 303-310.	2.2	70
15	Mycotoxin accumulation and <i>Fusarium graminearum</i> chemotype diversity in winter wheat grown in southwestern Ontario. <i>Canadian Journal of Plant Science</i> , 2015, 95, 931-938.	0.3	19
16	Neonicotinoid Insecticide Residues in Surface Water and Soil Associated with Commercial Maize (Corn) Fields in Southwestern Ontario. <i>PLoS ONE</i> , 2015, 10, e0118139.	1.1	179
17	Impact of the Bt Corn Proteins Cry34/35Ab1 and Cry3Bb1, Alone or Pyramided, on Western Corn Rootworm (Coleoptera: Chrysomelidae) Beetle Emergence in the Field. <i>Journal of Economic Entomology</i> , 2015, 108, 1986-1993.	0.8	15
18	Effect of European Chafer Larvae (Coleoptera: Scarabaeidae) on Winter Wheat and Role of Neonicotinoid Seed Treatments in Their Management. <i>Journal of Economic Entomology</i> , 2015, 108, 566-575.	0.8	7

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19	Quantifying Neonicotinoid Insecticide Residues Escaping during Maize Planting with Vacuum Planters. <i>Environmental Science &amp; Technology</i> , 2015, 49, 13003-13011.	4.6	23
20	Factors associated with winged forms of soybean aphid and an examination of North American spatial dynamics of this species in the context of migratory behaviour. <i>Agricultural and Forest Entomology</i> , 2014, 16, 240-250.	0.7	11
21	Intraguild predation of the aphid parasitoid <i>Aphelinus certus</i> by <i>Coccinella septempunctata</i> and <i>Harmonia axyridis</i> . <i>BioControl</i> , 2012, 57, 627-634.	0.9	15
22	Fusarium ratings in Ontario winter wheat performance trial (OWWPT) using an index that combines Fusarium head blight symptoms and deoxynivalenol levels. <i>Czech Journal of Genetics and Plant Breeding</i> , 2011, 47, S115-S122.	0.4	17
23	Modeling Distribution and Abundance of Soybean Aphid in Soybean Fields Using Measurements From the Surrounding Landscape. <i>Environmental Entomology</i> , 2010, 39, 50-56.	0.7	42
24	Choosing Organic Pesticides over Synthetic Pesticides May Not Effectively Mitigate Environmental Risk in Soybeans. <i>PLoS ONE</i> , 2010, 5, e11250.	1.1	101
25	Mycotoxins in fuel ethanol co-products derived from maize: a mass balance for deoxynivalenol. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 1574-1580.	1.7	52
26	Different quantitative trait loci for Fusarium resistance in wheat seedlings and adult stage in the Wuhan/Nyubai wheat population. <i>Euphytica</i> , 2009, 165, 453-458.	0.6	11
27	Predation by <i>Coccinella septempunctata</i> and <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae) on <i>Aphis glycines</i> (Homoptera: Aphididae). <i>Environmental Entomology</i> , 2009, 38, 708-714.	0.7	57
28	The prevalence of Fusarium spp. colonizing seed corn stalks in southwestern Ontario, Canada. <i>Canadian Journal of Plant Science</i> , 2009, 89, 103-106.	0.3	4
29	Increased expression of a cGMP-dependent protein kinase in rotation-adapted western corn rootworm ( <i>Diabrotica virgifera virgifera</i> L.). <i>Insect Biochemistry and Molecular Biology</i> , 2008, 38, 697-704.	1.2	11
30	Indirect selection for lower deoxynivalenol (DON) content in grain in a winter wheat population. <i>Canadian Journal of Plant Science</i> , 2007, 87, 931-936.	0.3	18
31	Climatic models to predict occurrence of Fusarium toxins in wheat and maize. <i>International Journal of Food Microbiology</i> , 2007, 119, 116-125.	2.1	165
32	Registration of Winter Wheat Germplasm Line RCATL33 with Fusarium Head Blight Resistance and Reduced Deoxynivalenol Accumulation. <i>Crop Science</i> , 2006, 46, 1399-1400.	0.8	11
33	Control Decision Rule for European Chafer (Coleoptera: Scarabaeidae) Larvae in Field Corn. <i>Journal of Economic Entomology</i> , 2006, 99, 76-84.	0.8	7
34	Fumonisin B <sub>1</sub> accumulation and severity of fusarium ear rot and gibberella ear rot in food-grade corn hybrids in Ontario after inoculation according to two methods. <i>Canadian Journal of Plant Pathology</i> , 2006, 28, 548-557.	0.8	14
35	Oviposition site selected by the western corn rootworm ( <i>Diabrotica virgifera virgifera</i> Leconte) in southern Ontario strip plots. <i>Canadian Journal of Plant Science</i> , 2005, 85, 949-954.	0.3	4
36	Effect of Seeding Rate and Seed Treatment Fungicides on Agronomic Performance, Fusarium Head Blight Symptoms, and DON Accumulation in Two Winter Wheats. <i>Plant Disease</i> , 2005, 89, 1109-1113.	0.7	28

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37	Modeling effects of environment, insect damage, and Bt genotypes on fumonisin accumulation in maize in Argentina and the Philippines. <i>Mycopathologia</i> , 2005, 159, 539-552.	1.3	114
38	Agronomic and environmental impacts on concentrations of deoxynivalenol and fumonisin B <sub>1</sub> in corn across Ontario. <i>Canadian Journal of Plant Pathology</i> , 2005, 27, 347-356.	0.8	41
39	Effect of previous crop, tillage, field size, adjacent crop, and sampling direction on airborne propagules of <i>Gibberella zeae</i> / <i>Fusarium graminearum</i> , fusarium head blight severity, and deoxynivalenol accumulation in winter wheat. <i>Canadian Journal of Plant Pathology</i> , 2005, 27, 217-224.	0.8	90
40	Use of Transgenic <i>Bacillus thuringiensis</i> Berliner Corn Hybrids to Determine the Direct Economic Impact of the European Corn Borer (Lepidoptera: Crambidae) on Field Corn in Eastern Canada. <i>Journal of Economic Entomology</i> , 2002, 95, 57-64.	0.8	33
41	Effect of Bt-Corn Hybrids on Deoxynivalenol Content in Grain at Harvest. <i>Plant Disease</i> , 2002, 86, 1123-1126.	0.7	55
42	Using Weather Variables Pre- and Post-heading to Predict Deoxynivalenol Content in Winter Wheat. <i>Plant Disease</i> , 2002, 86, 611-619.	0.7	197
43	Performance of a model for egg hatching of the western corn rootworm, <i>Diabrotica virgifera virgifera</i> LeConte, using measured and modelled soil temperatures as input. <i>International Journal of Biometeorology</i> , 1993, 37, 11-18.	1.3	6
44	A TEMPERATURE-DEPENDENT MODEL OF EGG DEVELOPMENT OF THE WESTERN CORN ROOTWORM, <i>DIABROTICA VIRGIFERA VIRGIFERA</i> LECONTE (COLEOPTERA: CHRYSOMELIDAE). <i>Canadian Entomologist</i> , 1991, 123, 1183-1197.	0.4	28
45	Susceptibility and Field Exposure of <i>Striacosta Albicosta</i> (Lepidoptera: Noctuidae) Eggs and Larvae in Ontario, Canada to Four Insecticides. <i>Pest Management Science</i> , 0, , .	1.7	0