

Arthur G Appel

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Why Do Insects Close Their Spiracles? A Meta-Analytic Evaluation of the Adaptive Hypothesis of Discontinuous Gas Exchange in Insects. <i>Insects</i> , 2022, 13, 117.	2.2	6
2	Toxicity, Repellency, and Laboratory Performance of Consumer Bait Products for German Cockroach (<i>Blattodea: Ectobiidae</i>) Management. <i>Florida Entomologist</i> , 2022, 105, .	0.5	1
3	A Review of Alternative Management Tactics Employed for the Control of Various Cockroach Species (Order: <i>Blattodea</i>) in the USA. <i>Insects</i> , 2021, 12, 550.	2.2	17
4	Comparative Cutaneous Water Loss and Desiccation Tolerance of Four <i>Solenopsis</i> spp. (<i>Hymenoptera</i>): Tj ETQq0 0.0rgBT /Overlock 10	2.2	7
5	Water Loss and Desiccation Tolerance of the Two Yearly Generations of Adult and Nymphal Kudzu Bugs, <i>Megacopta cribraria</i> (<i>Hemiptera: Plataspidae</i>). <i>Environmental Entomology</i> , 2020, 49, 651-659.	1.4	1
6	Innate immunity of Florida cane toads: how dispersal has affected physiological responses to LPS. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2020, 190, 317-327.	1.5	21
7	Instar Determination of <i>Blattella asahinai</i> (<i>Blattodea: Ectobiidae</i>) From Digital Measurements of the Pronotum Using Gaussian Mixture Modeling and the Number of Cercal Annuli. <i>Journal of Insect Science</i> , 2019, 19, .	1.5	4
8	Temperature-Mediated Variations in Behavior and Mortality Caused by Non-Repellent Insecticides in Subterranean Termites (<i>Blattodea: Rhinotermitidae</i>). <i>Insects</i> , 2019, 10, 37.	2.2	7
9	Repellency and Laboratory Performance of Selected Insecticides to Field-Collected Insecticide Resistant German Cockroaches (<i>Blattodea: Ectobiidae</i>). <i>Journal of Economic Entomology</i> , 2018, 111, 2788-2798.	1.8	5
10	Cuticular hydrocarbon chemistry, an important factor shaping the current distribution pattern of the imported fire ants in the USA. <i>Journal of Insect Physiology</i> , 2018, 110, 34-43.	2.0	6
11	Temperature-Dependent Development and Thermal Sensitivity of <i>Blattella germanica</i> (<i>Blattodea: Ectobiidae</i>). <i>Journal of Economic Entomology</i> , 2017, 110, 546-551.	1.8	12
12	Insecticide Resistance of Several Field-Collected German Cockroach (<i>Dictyoptera: Blattellidae</i>) Strains. <i>Journal of Economic Entomology</i> , 2017, 110, 1203-1209.	1.8	36
13	Reduced innate immunity of Cuban Treefrogs at leading edge of range expansion. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2017, 327, 592-599.	1.9	9
14	Estimating the critical thermal maximum (CT _{max}) of bed bugs, <i>Cimex lectularius</i> : Comparing thermolimit respirometry with traditional visual methods. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 197, 52-57.	1.8	25
15	Effects of Starvation on Deltamethrin Tolerance in Bed Bugs, <i>Cimex lectularius</i> L. (<i>Hemiptera</i>): Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.2	11
16	Effects of Starvation and Molting on the Metabolic Rate of the Bed Bug (<i>Cimex lectularius</i> L.). <i>Physiological and Biochemical Zoology</i> , 2015, 88, 53-65.	1.5	30
17	Fumigation Toxicity of Essential Oil Monoterpenes to <i>Callosobruchus maculatus</i> (<i>Coleoptera</i>): Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.6	28
18	Effects of temperature on nutrient self-selection in the silverfish <i>Lepisma saccharina</i> . <i>Physiological Entomology</i> , 2014, 39, 217-221.	1.5	9

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19	Field and Laboratory Efficacy of Three Insecticides for Population Management of the Asian Cockroach (Dictyoptera: Blattellidae). <i>Journal of Economic Entomology</i> , 2014, 107, 326-332.	1.8	9
20	Mulch Preferences of the Asian Cockroach (Dictyoptera: Blattellidae). <i>Journal of Economic Entomology</i> , 2013, 106, 322-328.	1.8	6
21	Instar Determination of <i>Blaptica dubia</i> (Blattodea: Blaberidae) using Gaussian Mixture Models. <i>Annals of the Entomological Society of America</i> , 2013, 106, 323-328.	2.5	18
22	The effect of temperature on standard metabolic rate of Brown Anoles. <i>Amphibia - Reptilia</i> , 2012, 33, 297-302.	0.5	5
23	Effects of non-repellent termiticides on the tunneling and walking ability of the eastern subterranean termite (Isoptera: Rhinotermitidae). <i>Pest Management Science</i> , 2012, 68, 1352-1359.	3.4	12
24	Seasonal Occurrence and Development of Degree-Day Models for Predicting Activity of <i>Conotrachelus nenuphar</i> (Coleoptera: Curculionidae) in Alabama Peaches. <i>Annals of the Entomological Society of America</i> , 2011, 104, 192-201.	2.5	9
25	Effects of Indoxacarb Concentration and Exposure Time on Onset of Abnormal Behaviors, Morbidity, and Death in Eastern Subterranean Termite (Isoptera: Rhinotermitidae). <i>Journal of Economic Entomology</i> , 2010, 103, 762-769.	1.8	17
26	Fumigant Toxicity of Essential Oils to the German Cockroach (Dictyoptera: Blattellidae). <i>Journal of Economic Entomology</i> , 2010, 103, 781-790.	1.8	52
27	Topical Toxicity of Essential Oils to the German Cockroach (Dictyoptera: Blattellidae). <i>Journal of Economic Entomology</i> , 2010, 103, 448-459.	1.8	58
28	Linear Alcohol Ethoxylates: Insecticidal and Synergistic Effects on German Cockroaches (Blattodea: Blattellidae). <i>Journal of Economic Entomology</i> , 2010, 103, 781-790.	1.8	52
29	Flight Speed of Tethered <i>Reticulitermes flavipes</i> (Kollar) (Isoptera: Rhinotermitidae) Alates. <i>Journal of Insect Behavior</i> , 2006, 19, 115-128.	0.7	22
30	Discontinuous gas exchange patterns of beet armyworm pupae, <i>Spodoptera exigua</i> (Lepidoptera: Noctuidae). <i>Entomology</i> , 2005, 30, 050930084535002-???	1.5	4
31	Effects of <i>Bacillus thuringiensis</i> Cry1C toxin on the metabolic rate of Cry1C resistant and susceptible <i>Spodoptera exigua</i> (Lepidoptera: Noctuidae). <i>Physiological Entomology</i> , 2004, 29, 409-418.	1.5	36
32	Contamination Affects the Performance of Insecticidal Baits Against German Cockroaches (Dictyoptera: Blattellidae). <i>Journal of Economic Entomology</i> , 2004, 97, 2035-2042.	1.8	8
33	Seasonal Variation of Critical Thermal Limits and Temperature Tolerance in Formosan and Eastern Subterranean Termites (Isoptera: Rhinotermitidae). <i>Environmental Entomology</i> , 2004, 33, 197-205.	1.4	55
34	Repellency and Toxicity of Mint Oil Granules to Red Imported Fire Ants (Hymenoptera: Formicidae). <i>Journal of Economic Entomology</i> , 2004, 97, 575-580.	1.8	25
35	Behavioral Response of Two Subterranean Termites (Isoptera: Rhinotermitidae) to Vibrational Stimuli. <i>Journal of Insect Behavior</i> , 2003, 16, 703-715.	0.7	12
36	Laboratory and Field Performance of an Indoxacarb Bait Against German Cockroaches (Dictyoptera: Blattellidae). <i>Journal of Economic Entomology</i> , 2010, 103, 781-790.	1.8	52

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37	Laboratory and Field Performance of an Indoxacarb Bait Against German Cockroaches (Dictyoptera: Tj ETQq1 1 0.784314 rgBT /Over	1.8	38
38	IPM of Occasional Urban Invader Pest Species1. Journal of Entomological Science, 2003, 38, 151-158.	0.3	4
39	Biology and Management of the Smokybrown Cockroach. Annual Review of Entomology, 2002, 47, 33-55.	11.8	38
40	Pyrethroid resistance and cross-resistance in the German cockroach, <i>Blattella germanica</i> (L). Pest Management Science, 2001, 57, 1055-1059.	3.4	90
41	Carbon dioxide release in <i>Coptotermes formosanus</i> Shiraki and <i>Reticulitermes flavipes</i> (Kollar): effects of caste, mass, and movement. Journal of Insect Physiology, 2001, 47, 213-224.	2.0	28
42	Water Loss and Desiccation Tolerances of Longwing Butterflies (Lepidoptera: Nymphalidae). Environmental Entomology, 2001, 30, 631-636.	1.4	18
43	Comparative Effectiveness of an Integrated Pest Management System and an Insecticidal Perimeter Spray for Control of Smokybrown Cockroaches (Dictyoptera: Blattellidae). Journal of Economic Entomology, 1995, 88, 907-917.	1.8	13
44	Performance of Gel and Paste Bait Products for German Cockroach (Dictyoptera: Blattellidae) Control: Laboratory and Field Studies. Journal of Economic Entomology, 1992, 85, 1176-1183.	1.8	46
45	Comparative water relations and temperature sensitivity of cockroaches. Comparative Biochemistry and Physiology A, Comparative Physiology, 1983, 74, 357-361.	0.6	60