Arthur G Appel

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5677952/publications.pdf

Version: 2024-02-01

45	919	430874	501196
papers	citations	18 h-index	28 g-index

46	46	46	796
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pyrethroid resistance and cross-resistance in the German cockroach,Blattella germanica (L). Pest Management Science, 2001, 57, 1055-1059.	3.4	90
2	Comparative water relations and temperature sensitivity of cockroaches. Comparative Biochemistry and Physiology A, Comparative Physiology, 1983, 74, 357-361.	0.6	60
3	Topical Toxicity of Essential Oils to the German Cockroach (Dictyoptera: Blattellidae). Journal of Economic Entomology, 2010, 103, 448-459.	1.8	58
4	Seasonal Variation of Critical Thermal Limits and Temperature Tolerance in Formosan and Eastern Subterranean Termites (Isoptera: Rhinotermitidae). Environmental Entomology, 2004, 33, 197-205.	1.4	55
5	Fumigant Toxicity of Essential Oils to the German Cockroach (Dictyoptera: Blattellidae). Journal of Economic Entomology, 2010, 103, 781-790.	1.8	52
6	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
7	Biology and Management of the Smokybrown Cockroach. Annual Review of Entomology, 2002, 47, 33-55.	11.8	38
8	Effects of Bacillus thuringiensis Cry1C toxin on the metabolic rate of Cry1C resistant and susceptible Spodoptera exigua (Lepidoptera: Noctuidae). Physiological Entomology, 2004, 29, 409-418.	1.5	36
9	Insecticide Resistance of Several Field-Collected German Cockroach (Dictyoptera: Blattellidae) Strains. Journal of Economic Entomology, 2017, 110, 1203-1209.	1.8	36
10	Effects of Starvation and Molting on the Metabolic Rate of the Bed Bug (Cimex lectulariusL.). Physiological and Biochemical Zoology, 2015, 88, 53-65.	1.5	30
11	Carbon dioxide release in Coptotermes formosanus Shiraki and Reticulitermes flavipes (Kollar): effects of caste, mass, and movement. Journal of Insect Physiology, 2001, 47, 213-224.	2.0	28
12	Fumigation Toxicity of Essential Oil Monoterpenes to Callosobruchus maculatus (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	28
13	Laboratory and Field Performance of an Indoxacarb Bait Against German Cockroaches (Dictyoptera:) Tj ETQq1 1 0.784314 rgBT /Over	1.8	25
14	Estimating the critical thermal maximum (CTmax) of bed bugs, Cimex lectularius: Comparing thermolimit respirometry with traditional visual methods. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 197, 52-57.	1.8	25
15	Repellency and Toxicity of Mint Oil Granules to Red Imported Fire Ants (Hymenoptera: Formicidae). Journal of Economic Entomology, 2004, 97, 575-580.	1.8	25
16	Flight Speed of Tethered Reticulitermes flavipes (Kollar) (Isoptera: Rhinotermitidae) Alates. Journal of Insect Behavior, 2006, 19, 115-128.	0.7	22
17	Innate immunity of Florida cane toads: how dispersal has affected physiological responses to LPS. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2020, 190, 317-327.	1.5	21
18	Water Loss and Desiccation Tolerances of Longwing Butterflies(Lepidoptera: Nymphalidae). Environmental Entomology, 2001, 30, 631-636.	1.4	18

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19	Instar Determination of Blaptica dubia (Blattodea: Blaberidae) using Gaussian Mixture Models. Annals of the Entomological Society of America, 2013, 106, 323-328.	2.5	18
20	Effects of Indoxacarb Concentration and Exposure Time on Onset of Abnormal Behaviors, Morbundity, and Death in Eastern Subterranean Termite (Isoptera: Rhinotermitidae). Journal of Economic Entomology, 2010, 103, 762-769.	1.8	17
21	A Review of Alternative Management Tactics Employed for the Control of Various Cockroach Species (Order: Blattodea) in the USA. Insects, 2021, 12, 550.	2.2	17
22	Comparative Effectiveness of an Integrated Pest Management System and an Insecticidal Perimeter Spray for Control of Smokybrown Cockroaches (Dictyoptera: Blattidae). Journal of Economic Entomology, 1995, 88, 907-917.	1.8	13
23	Behavioral Response of Two Subterranean Termites (Isoptera: Rhinotermitidae) to Vibrational Stimuli. Journal of Insect Behavior, 2003, 16, 703-715.	0.7	12
24	Effects of nonâ€repellent termiticides on the tunneling and walking ability of the eastern subterranean termite (Isoptera: Rhinotermitidae). Pest Management Science, 2012, 68, 1352-1359.	3.4	12
25	Temperature-Dependent Development and Thermal Sensitivity of Blaptica dubia (Blattodea: Blaberidae). Journal of Economic Entomology, 2017, 110, 546-551.	1.8	12
26	Effects of Starvation on Deltamethrin Tolerance in Bed Bugs, Cimex lectularius L. (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	2.2	11
27	Seasonal Occurrence and Development of Degree-Day Models for Predicting Activity of Conotrachelus nenuphar (Coleoptera: Curculionidae) in Alabama Peaches. Annals of the Entomological Society of America, 2011, 104, 192-201.	2.5	9
28	Effects of temperature on nutrient selfâ€selection in the silverfish Lepisma saccharina. Physiological Entomology, 2014, 39, 217-221.	1.5	9
29	Field and Laboratory Efficacy of Three Insecticides for Population Management of the Asian Cockroach (Dictyoptera: Blattellidae). Journal of Economic Entomology, 2014, 107, 326-332.	1.8	9
30	Reduced innate immunity of Cuban Treefrogs at leading edge of range expansion. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2017, 327, 592-599.	1.9	9
31	Contamination Affects the Performance of Insecticidal Baits Against German Cockroaches (Dictyoptera: Blattellidae). Journal of Economic Entomology, 2004, 97, 2035-2042.	1.8	8
32	Linear Alcohol Ethoxylates: Insecticidal and Synergistic Effects on German Cockroaches (Blattodea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.8	8
33	Temperature-Mediated Variations in Behavior and Mortality Caused by Non-Repellent Insecticides in Subterranean Termites (Blattodea: Rhinotermitidae). Insects, 2019, 10, 37.	2.2	7
34	Comparative Cutaneous Water Loss and Desiccation Tolerance of Four Solenopsis spp. (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10	2.2	7
35	Mulch Preferences of the Asian Cockroach (Dictyoptera: Blattellidae). Journal of Economic Entomology, 2013, 106, 322-328.	1.8	6
36	Cuticular hydrocarbon chemistry, an important factor shaping the current distribution pattern of the imported fire ants in the USA. Journal of Insect Physiology, 2018, 110, 34-43.	2.0	6

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37	Why Do Insects Close Their Spiracles? A Meta-Analytic Evaluation of the Adaptive Hypothesis of Discontinuous Gas Exchange in Insects. Insects, 2022, 13, 117.	2.2	6
38	The effect of temperature on standard metabolic rate of BrownÂAnoles. Amphibia - Reptilia, 2012, 33, 297-302.	0.5	5
39	Repellency and Laboratory Performance of Selected Insecticides to Field-Collected Insecticide Resistant German Cockroaches (Blattodea: Ectobiidae). Journal of Economic Entomology, 2018, 111, 2788-2798.	1.8	5
40	Discontinuous gas exchange patterns of beet armyworm pupae, Spodoptera exigua (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Entomology, 2005, 30, 050930084535002-???.	1.5	4
41	Instar Determination of Blattella asahinai (Blattodea: Ectobiidae) From Digital Measurements of the Pronotum Using Gaussian Mixture Modeling and the Number of Cercal Annuli. Journal of Insect Science, 2019, 19, .	1.5	4
42	IPM of Occasional Urban Invader Pest Species1. Journal of Entomological Science, 2003, 38, 151-158.	0.3	4
43	Laboratory and Field Performance of an Indoxacarb Bait Against German Cockroaches (Dictyoptera:) Tj ETQq1 1 0.784314 rgBT /Over	1.8	3
44	Water Loss and Desiccation Tolerance of the Two Yearly Generations of Adult and Nymphal Kudzu Bugs,Megacopta cribraria(Hemiptera: Plataspidae). Environmental Entomology, 2020, 49, 651-659.	1.4	1
45	Toxicity, Repellency, and Laboratory Performance of Consumer Bait Products for German Cockroach (Blattodea: Ectobiidae) Management. Florida Entomologist, 2022, 105, .	0.5	1